



# LIGHTING SOLUTIONS



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INPRATEX SL

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INPRATEX



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# EXPLOSION PROOF PRODUCTS AND SOLUTIONS FOR HAZARDOUS AREAS.

## Equipment supply, Engineering and Manufacturing.

Inpratex provides a wide range of custom-made products and solutions for different industries operating in hazardous and potentially explosive environments.



Inpratex SL is based in Eibar (Gipuzkoa, Spain). We are specialists in supplying equipment, in engineering and in the manufacture of products for industries working in Hazardous Areas.

Our engineering team provides solutions combining the limitations related to the use of the equipment with the potentially dangerous environment in which it must be used.

Inpratex supplies ATEX/IECEx equipment and custom-made solutions for manufacturing and process industries.



1

# LIGHTING SOLUTIONS





Inpratex proposes a wide range of ATEX-certified industrial lighting solutions, designed for safe and reliable operation in hazardous areas, both indoors and outdoors.

Our equipment is specifically developed for workplaces with potentially explosive atmospheres caused by gases or vapours (Zones 1 and 2) or combustible dust (Zones 21 and 22).

The range includes high-efficiency industrial LED luminaires, emergency lighting fixtures, floodlights, suspended lamps, and, in general, robust and durable lighting systems for industrial plants, storage areas, tanks and process zones where there is a risk of explosion.

Inpratex also offers a selection of portable ATEX-certified lighting equipment, ideal for maintenance, inspection and temporary work in explosive atmospheres, ensuring maximum safety and operational reliability at all times.

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# LIGHT FITTINGS

# LED LIGHT FITTINGS SERIES E865

Zones 1, 2, 21, 22

Full catalogue available on our website: [www.inpratex.com](http://www.inpratex.com)

## LED LIGHT FITTINGS

## ZONES 1, 2 (gas) & 21, 22 (dust)

For lighting of hazardous areas zone 1 and 21, the product series e865 is the perfect choice. It excels with its innovative encapsulated LED modules, the sandwich design of diffuser and reflector to protect the LED modules from mechanical and electrostatic damage, as well as homogeneous illumination and excellent glare limitation because of the frosted diffuser.

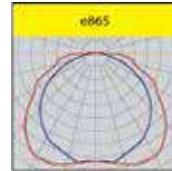
High-quality LED and electronic control gears guarantee high efficiency and an extremely long service life. And with the FastFix quick mounting system, installation of the light fittings is easy and saves time.



Supplied without mounting brackets.



EU-Type Examination Certificate



**Looping the cable on one side:** All light fittings of series nD866... have got 2 cable entries on one small side of the housing for cable looping instead of the through wiring system.

\* This light fitting is not suitable for applications in areas with permanent high humidity in combination with only short periods of operation, such as sewage or stormwater retention tanks or water treatment plants.

ITEM REFERENCES							
Designation:	Cover:	Power:	Luminous flux:	Luminous efficacy:	T. Max:	Weight:	Item No.:
<b>Standard versions:</b>							
e865F 06L22	Frosted	15 W   (2x18W)	2170 lm	145 lm/W	55 °C	4,6 kg	1A330A
e865F 06L42	Frosted	28 W   (2x36W)	4120 lm	147 lm/W	55 °C	4,7 kg	1A330B
e865F 06L60	Frosted	40 W   (2x58W)	5700 lm	143 lm/W	50 °C	4,7kg	1A330C
e865F 12L42	Frosted	28 W   (2x36W)	4360 lm	156 lm/W	55 °C	6,7 kg	1A3301
e865F 12L60	Frosted	40 W   (2x58W)	6020 lm	151 lm/W	55 °C	6,7 kg	1A3302
e865F 12L85	Frosted	54 W   (>2x58W)	8620 lm	160 lm/W	50 °C	7,0 kg	1A3305
<b>Dimmable via DALI interface:</b>							
e865F 06L42 DIMD	Frosted	28 W   (2x36W)	4120 lm	147 lm/W	55 °C	4,7 kg	1A3307
e865F 06L60 DIMD	Frosted	40 W   (2x58W)	5700 lm	143 lm/W	50 °C	4,7 kg	1A3308
e865F 12L42 DIMD	Frosted	28 W   (2x36W)	4360 lm	156 lm/W	55 °C	6,7 kg	1A3309
e865F 12L60 DIMD	Frosted	40 W   (2x58W)	6020 lm	151 lm/W	55 °C	6,7 kg	1A3310
e865F 12L85 DIMD	Frosted	54 W   (>2x58W)	8620 lm	160 lm/W	50 °C	7,0 kg	1A3311
<b>For high temperature (through-wiring or looping the cable is not allowed):</b>							
e865F 06L22 H65	Frosted	15 W   (2x18W)	2170 lm	145 lm/W	65 °C	4,6 kg	1A3312
e865F 06L42 H60	Frosted	28 W   (2x36W)	4120 lm	147 lm/W	60 °C	4,7 kg	1A3313
e865F 06L60 H55	Frosted	40 W   (2x58W)	5700 lm	143 lm/W	55 °C	4,7 kg	1A3314
e865F 12L42 H65	Frosted	28 W   (2x36W)	4360 lm	156 lm/W	65 °C	6,7 kg	1A3315
e865F 12L60 H65	Frosted	40 W   (2x58W)	6020 lm	151 lm/W	65 °C	6,7 kg	1A3316
<b>For low ambient temperatures down to -40 °C:</b>							
e865F 06L22 T40	Frosted	15 W   (2x18W)	2170 lm	145 lm/W	55 °C	4,6 kg	
e865F 06L42 T40	Frosted	28 W   (2x36W)	4120 lm	147 lm/W	50 °C	4,7 kg	
e865F 12L42 T40	Frosted	28 W   (2x36W)	4360 lm	156 lm/W	55 °C	6,7 kg	
e865F 12L60 T40	Frosted	40 W   (2x58W)	6020 lm	151 lm/W	55 °C	6,7 kg	

# LED LIGHT FITTINGS SERIES E865

Zones 1, 2, 21, 22

Full catalogue available on our website: [www.inpratex.com](http://www.inpratex.com)

1  
C  
X  
LIGHTING

ITEM REFERENCES							
Designation:	Cover:	Power:	Luminous flux:	Luminous efficacy:	T. Max:	Weight:	Item No.:
<b>Through-wiring versions:</b>							
e865F 06L22 DV	Frosted	15 W   (2x18W)	2170 lm	145 lm/W	55 °C	4,6 kg	1A3317
e865F 06L42 DV	Frosted	28 W   (2x36W)	4120 lm	147 lm/W	55 °C	4,7 kg	1A3318
e865F 06L60 DV	Frosted	40 W   (2x58W)	5700 lm	143 lm/W	50 °C	4,7kg	1A3319
e865F 12L42 DV	Frosted	28 W   (2x36W)	4360 lm	156 lm/W	55 °C	6,7 kg	1A3320
e865F 12L60 DV	Frosted	40 W   (2x58W)	6020 lm	151 lm/W	55 °C	6,7 kg	1A3321
e865F 12L85 DV	Frosted	54 W   (>2x58W)	8620 lm	160 lm/W	50 °C	7,0 kg	1A3322
<b>Light color 845 (4500K):</b>							
e865F 06L22 845	Frosted	15 W   (2x18W)	2170 lm	145 lm/W	55 °C	4,6 kg	1A3326
e865F 06L42 845	Frosted	28 W   (2x36W)	4120 lm	147 lm/W	55 °C	4,7 kg	1A3327
e865F 06L60 845	Frosted	40 W   (2x58W)	5700 lm	143 lm/W	50 °C	4,7 kg	1A3328
e865F 12L42 845	Frosted	28 W   (2x36W)	4360 lm	156 lm/W	55 °C	6,7 kg	1A3329
e865F 12L60 845	Frosted	40 W   (2x58W)	6020 lm	151 lm/W	55 °C	6,7 kg	1A3330
e865F 12L85 845	Frosted	54 W   (>2x58W)	8620 lm	160 lm/W	50 °C	7,0 kg	1A3331
<b>Light color 845 (4500K) through-wiring versions:</b>							
e865F 06L22 DV 845	Frosted	15 W   (2x18W)	2170 lm	145 lm/W	55 °C	4,6 kg	1A3335
e865F 06L42 DV 845	Frosted	28 W   (2x36W)	4120 lm	147 lm/W	55 °C	4,7 kg	1A3336
e865F 06L60 DV 845	Frosted	40 W   (2x58W)	5700 lm	143 lm/W	50 °C	4,7 kg	1A3337
e865F 12L42 DV 845	Frosted	28 W   (2x36W)	4360 lm	156 lm/W	55 °C	6,7 kg	1A3338
e865F 12L60 DV 845	Frosted	40 W   (2x58W)	6020 lm	151 lm/W	55 °C	6,7 kg	1A3339
e865F 12L85 845	Frosted	54 W   (>2x58W)	8620 lm	160 lm/W	50 °C	7,0 kg	1A3340

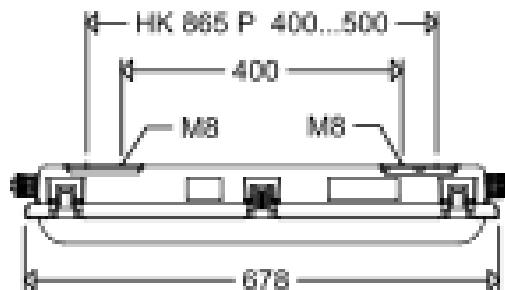
TECHNICAL SPECIFICATIONS	
Marking:	  II 2G Ex eb mb q IIC T4 Gb II 2D Ex tb IIIC T80°C Db
Certificate:	EU-Type Examination Certificate
Housing:	Glass fibre reinforced polyester resin.
Cover:	Injected polycarbonate, frosted, silicone gasket.
Closure:	Stainless steel clips (KE), two of them as safety clip (KES), to be opened with screwdriver only.
Reflector:	Sheet Steel, painted, carrying the LED-modules and all electrical components, clipped into the cover, removable as a unit.
LED:	Line modules appr. 6,500K, CRI > 80   $L_{80} > 100.000\text{h}$ at max. ambient T. $L_{90} > 85.000\text{h}$ (06L..) at 25°C ambient T.   $L_{90} > 80.000\text{h}$ (12L..) at 25°C ambient T.
Operating temperature:	-30°C up to .. see Item table
Operating frequency:	0 or 50/60 Hz
Rated voltage:	220-240V AC/DC. Overvoltage, overload and short circuit protection.
Ingress protection:	IP66
Connection:	3 poles up to 4 mm <sup>2</sup>
Mechanical installation:	Standard: Facing downwards or forwards. Mounting accessories: see accessories.
Cable entries:	3xM25x1,5 (2 plastic cable glands (one of them plugged) + 1 plastic plug)

# LED LIGHT FITTINGS SERIES E865

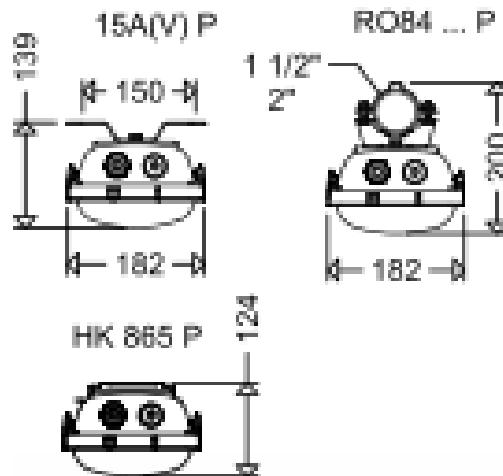
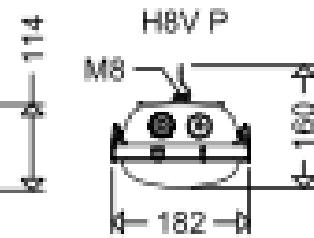
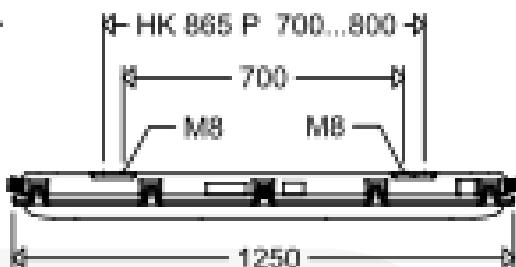
Zones 1, 2, 21, 22

Full catalogue available on our website: [www.inpratex.com](http://www.inpratex.com)

e865 06L..



e865 12L..



## ACCESSORIES

Designation:	Item No.:
2 suspension eyes with bolts, stainless steel	H8V P
2 ceiling brackets, hot galvanized steel	DS 15A P
2 ceiling brackets, stainless steel	DS 15AV P
2 pipe clamps 1 1/2", stainless steel, with support	RO84 112 A P
2 pipe clamps 2", stainless steel, with support	RO84 2 A P
2 retaining clips for variable mounting distances	HK 865 P
2 wall mounting angles, hot galvanized steel	WW 26 L P
2 wall mounting angles 30°, hot galvanized steel	WW 26 30 P
2 wall mounting angles 45°, hot galvanized steel	WW 26 45 P

# LED LIGHT FITTINGS SERIES E840

Zones 1, 2, 21, 22

Full catalogue available on our website: [www.inpratex.com](http://www.inpratex.com)

1  
LIGHTING

## LED LIGHT FITTINGS

## ZONES 1, 2 (gas) & 21, 22 (dust)

Extremely robust and reliable explosion-proof LED light fittings of product series e840. With their high wall thickness of housing and diffuser as well as the high impact resistance of both components, they are able to withstand extreme loads and thus are particularly well suited for use in tough environments.

Frosted elements on the LED modules for glare limitation result in excellent illumination and protect the LED modules from mechanical or electrostatic damage during installation of the light fittings.

The comfortable central locking system saves time and makes installation easier (13mm hex key).



EU-Type Examination Certificate

*Supplied without mounting brackets.*

*OPTION: Control gear with DALI-interface for dimming (DIMD)*

Looping the cable on one side:

All light fittings of series e840... have got 2 cable entries on one small side of the housing for cable looping instead of the through wiring system



ITEM REFERENCES						
Designation:	Power:	Luminous flux:	Luminous efficacy:	T. Max:	Weight:	Item No.:
e840 06L22	16 W   (2x18 W)	2054 lm	128 lm/W	55°C	5,6 kg	1A3804
e840 06L42	28 W   (2x36 W)	4067 lm	145 lm/W	55°C	5,7 kg	1A3805
e840 12L42	28 W   (2x36 W)	4230 lm	151 lm/W	55°C	8,0 kg	1A3801
e840 12L60	40 W   (2x58 W)	5850 lm	146 lm/W	55°C	8,0 kg	1A3802
e840 12L85	54 W   (>2x58 W)	8300 lm	154 lm/W	50°C	8,5 kg	1A3803

ACCESSORIES	
Designation:	Item No.:
2 suspension brackets, stainless steel	H8V P
2 ceiling brackets, hot galvanized steel	15A P
2 ceiling brackets, stainless steel	15AV P
2 pipe clamps 1 1/2", stainless steel, with support	RO84 112 A P
2 pipe clamps 2", stainless steel, with support	RO84 2 A P
1 pair of brackets, stainless steel, for compensating the different mounting distances	84 AA
2 wall mounting angles	W26/L P
2 wall mounting angles 30°	W26/30 P
2 wall mounting angles 45°	W26/45 P

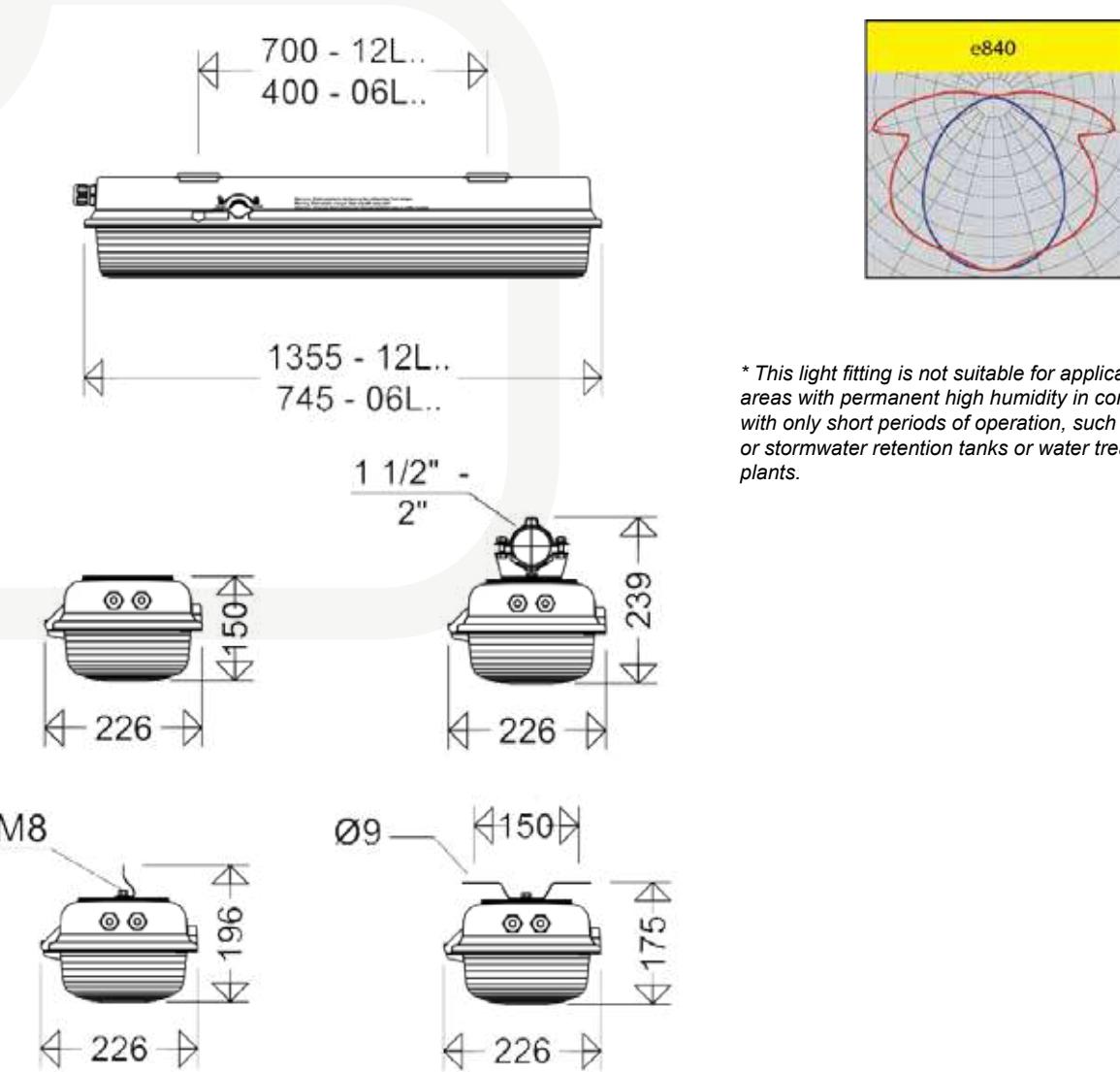
# LED LIGHT FITTINGS SERIES E840

Zones 1, 2, 21, 22

Full catalogue available on our website: [www.inpratex.com](http://www.inpratex.com)

## TECHNICAL SPECIFICATIONS

Marking:	 II 2G Ex eb mb op is q IIC T4 Gb  II 2D Ex tb op is IIIC T80°C Db
Certificate:	EU-Type Examination Certificate
Housing:	Glass fibre reinforced polyester RESIN
Cover:	Clear polycarbonate with internal prisms, hinged, silicone gasket.
Reflector:	Aluminium, carrying the encapsulated LED-modules with frosted covers for glare limitation, hingeable and removable.
LED:	Line modules appr. 6,500K, CRI > 80. $L_{70} B_{10} > 100.000\text{h}$   $L_{80} B_{50} > 100.000\text{h}$ (each at max. ambient temperature)
Operating temperature:	-25°C up to .. see Item table
Operating frequency:	0 or 50/60 Hz
Rated voltage:	220/240 VAC
Ingress protection:	IP66
Connection:	3 poles up to 4 mm <sup>2</sup>
Mechanical installation:	Standard: Facing downwards or forwards. Mounting accessories see spare parts/ accessories
Cable entries:	3 entries M25x1,5 (2 glands - one of them is plugged)



\* This light fitting is not suitable for applications in areas with permanent high humidity in combination with only short periods of operation, such as sewage or stormwater retention tanks or water treatment plants.

# LED LIGHT FITTINGS SERIES E855

Zones 1, 2, 21, 22

Full catalogue available on our website: [www.inpratex.com](http://www.inpratex.com)

## LED LIGHT FITTINGS

## ZONES 1, 2 (gas) & 21, 22 (dust)

Explosion-proof compact LED light fittings.

Housing from glass fibre reinforced polyester. Frosted polycarbonate diffuser.

Central locking system (operated by a hexagonal box spanner 13mm.)

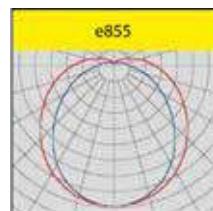


EU-Type Examination Certificate



\* This light fitting is not suitable for applications in areas with permanent high humidity in combination with only short periods of operation, such as sewage or stormwater retention tanks or water treatment plants.

Supplied with mounting brackets. Prepared for looping the mains cable.

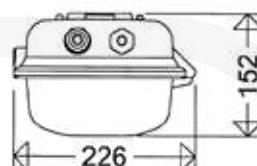
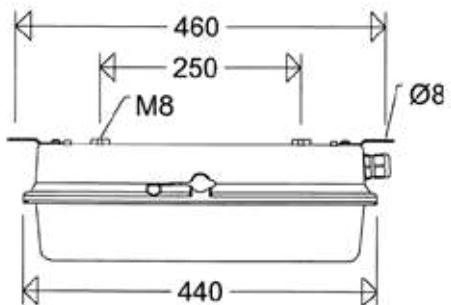


### ITEM REFERENCES

Designation:	Power:	Luminous flux:	Luminous efficacy:	T. Max:	Weight:	Item No.:
e855F L05	5 W   (1x8 W)	510 lm	102 lm/W	60°C	5,0 kg	1A4101
e855F L10	10 W   (2x8 W)	1060 lm	106 lm/W	60°C	5,0 kg	1A4102
e855F L20	18 W   (2x18 W)	2050 lm	114 lm/W	60°C	5,1 kg	1A4103
e855F L10 DIMD	10 W   (2x8 W)	1060 lm	106 lm/W	60°C	5,0 kg	1A4104
e855F L20 DIMD	18 W   (2x18 W)	2050 lm	114 lm/W	60°C	5,1 kg	1A4105

### TECHNICAL SPECIFICATIONS

Marking:	Ex II 2G Ex eb mb op is q IIC T4 Gb Ex II 2G Ex db eb mb op is q IIC T4 Gb Ex II 2D Ex op is tb IIIC T80°C Db
Certificate:	EU-Type Examination Certificate
Housing:	Glass fibre reinforced polyester
Cover:	Polycarbonate
LED:	Line modules appr. 6,500K, CRI typically 80 $L_{70} B_{10} > 80.000h$ , $L_{80} B_{50} > 80.000h$ (each at max. ambient Temp.)
Operating temperature:	-30°C to +60°C
Operating frequency:	50/60 Hz
Rated voltage:	220/240V AC
Ingress protection:	IP66
Connection:	Terminal L1+N+PE; up to 2,5mm <sup>2</sup>
Cable entries:	1xM25X1,5 plastic cable gland 1xM25X1,5 plastic plug



### ACCESSORIES

Designation:	Item No.:
2 suspension brackets, stainless steel	H8V P
2 ceiling brackets, hot galvanized steel	15A P
2 ceiling brackets, stainless steel	15AV P
2 pipe clamps 1 1/2", stainless steel, with support	RO84 112 A P
2 pipe clamps 2", stainless steel, with support	RO84 2 A P
2 retaining clips for variable mounting distances	HK 865 P
2 wall mounting angles	W26 P
2 wall mounting angles 30°	W26/30 P
2 wall mounting angles 45°	W26/45 P

# 7 SERIES LED LUMINAIRE

Zones 1, 2, 21, 22

Full catalogue available on our website: [www.inpratex.com](http://www.inpratex.com)

## LED LIGHT FITTINGS

## ZONES 1, 2 (gas) & 21, 22 (dust)

High efficiency Zone 1 and Zone 21 LED Luminaires for use in hazardous areas. Manufactured from impact resistant polycarbonate and high specification marine grade aluminium, the fitting is supplied anodised and painted.



Low maintenance high efficiency LED light source.

Energy efficient control.

2 different versions.

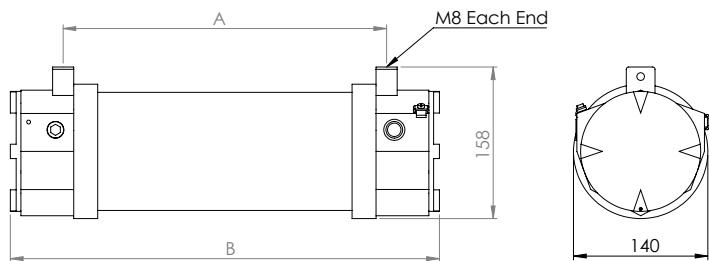
Robust long life Zone 1 enclosure.



EU-Type Examination Certificate

ITEM REFERENCES				
Designation:	Power:	Size:	Luminous flux:	Item No.:
15W Ex d Zone 1 Luminaire	15 W	1 - 448 mm	1335 lm	1A4701
30W Ex d Zone 1 Luminaire	30 W	2 - 752 mm	2670 lm	1A4702

TECHNICAL SPECIFICATIONS	
Marking:	
Certificate:	EU-Type Examination Certificate
Operating temperature:	-20°C to +55°C
Housing:	Marine grade aluminium body with high impact polycarbonate tube
Ingress protection:	IP66
Light output:	High efficiency LED with various outputs
Supply voltage:	230V 50/60Hz.
Control gear:	Electronic drive
Electrical connections:	3 wire and earth cable size 4mm <sup>2</sup> max. Through wiring as standard
Installation / Mounting:	2 x M8 tapped holes. Size 1: 335 mm, size 2: 632 mm
Cable entries:	4 x M20 (3 plugged)



DIMENSIONS			
SIZE	A:	B:	Weight:
1	335 mm	448 mm	3 kg
2	632 mm	752 mm	5 kg

# TUBULAR LED LIGHT FITTINGS SERIES EVF..RUN

Zones 1, 2, 21, 22

Full catalogue available on our website: [www.inpratex.com](http://www.inpratex.com)

## LED LIGHT FITTINGS

## ZONES 1, 2 (gas) & 21, 22 (dust)



The ATEX lighting fixtures series EVF..RUN for Ø 26 mm LED lamps are supplied completed with electronic ballast, starter and fuses interconnected. They are characterized by a tubular thermo-insulating borosilicate glass.

Supplied brackets can be used for ceiling installation.

External reflector (not included in the standard equipment) can be installed on site.

External screws are made of Stainless Steel.



EU-Type Examination Certificate

### ITEM REFERENCES

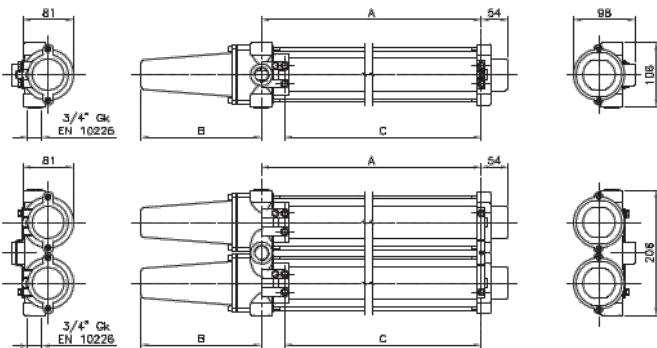
Designation:	Power:	Luminous flux:	Item No.:
EVFC..18RUNLT	1x7.6 W	800 lm	1A4601
EVFC 2..18RUNLT	2x7.6 W	1600 lm	1A4602
EVFC..36RUNLT	1x15 W	1800 lm	1A4603
EVFC 2..36RUNLT	2x15 W	3600 lm	1A4604

### TECHNICAL SPECIFICATIONS

Marking:	Ex II 2G Ex d IIC T6-T4 Gb Ex II 2D Ex tb IIIC T80°C-T130°C Db
Certificate:	EU-Type Examination Certificate
Housing:	Aluminium light alloy (RAL 9006)
Cover:	Tubular thermo-insulating borosilicate glass
Lamp:	Ø26 mm LED lamp with bipin plugs at 230 V (included)
Operating temperature:	-20°C to +40°C
Ingress protection:	IP66/67
Cable entries:	2x3/4" NPT (cable glands not included)

### ACCESSORIES

Designation:	Item No.:
External reflector for EVF 118	EVF 12/8
External reflector for EVF 218	EVF 22/8
External reflector for EVF 136	EVF 14/8
External reflector for EVF 236	EVF 24/8



DIMENSIONS			
CODE	A	B	C
EVFC..18RUNLT	610	205	573
EVFC 2..18RUNLT	610	205	573
EEVFC..36RUNLT	1210	205	1173
EVFC 2..36RUNLT	1210	205	1173

# LED-STEEP ROOF LIGHT FITTINGS SERIES E821

Zones 1, 2, 21, 22

Full catalogue available on our website: [www.inpratex.com](http://www.inpratex.com)

LED LIGHT FITTINGS

ZONES 1, 2 (gas) & 21, 22 (dust)



EU-Type Examination Certificate

*Supplied without mounting brackets*

Explosion-protected LED steep roof light fitting for use in ATEX Zones 1,21.

Powder-coated sheet steel housing, frameless hinged tempered safety glass pane. Central locking system with opposite internal hinges, silicone gasket.

Sheet steel reflector, white powder coated, hingeable and detachable, with encapsulated LED modules and frosted covers for glare limitation.

Encapsulated ECG with overvoltage, overload and short circuit protection.

Central locking system operated by a 5mm allen key, hinges on the opposite side.

## Looping the cable on one side:

All light fittings of series e821... have 2 cable entries on one small side of the housing for cable looping instead of the through wiring system. (3-pole looping standard, 5-pole looping at additional cost)

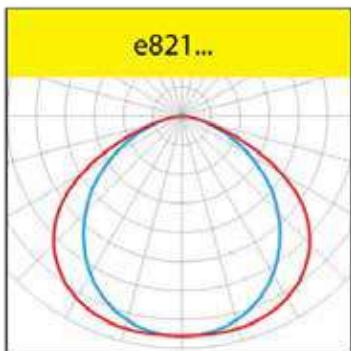
ITEM REFERENCES						
Designation:	Power:	Luminous flux:	Luminous efficacy:	T. max.:	Weight:	Item No.:
e821 06L42	28 W   (2x36W)	4110 lm	147 lm/W	55 °C	7,9 kg	1A4401
e821 06L60	40 W   (2x58W)	5600 lm	140 lm/W	55 °C	7,9 kg	1A4402
e821 12L42	28 W   (2x36W)	4260 lm	152 lm/W	55 °C	13,6 kg	1A4403
e821 12L60	40 W   (2x58W)	5900 lm	148 lm/W	55 °C	14,0 kg	1A4404
e821 12L85	54 W   (>2x58W)	8350 lm	155 lm/W	55 °C	14,0 kg	1A4405
e821 12L120	79 W   (>3x58W)	11470 lm	145 lm/W	55 °C	14,0 kg	1A4406

TECHNICAL SPECIFICATIONS	
Marking:	
Certificate:	EU-Type Examination Certificate
Housing:	Sheet steel, powder coated in light grey (RAL 7035), silicone foam gasket
Cover:	Impact resistant safety glass pane, frameless / hinged.
LED:	Line modules approx. 6500K. CRI > 80, $L_{70} B_{10} > 100.000\text{h}   L_{80} B_{50} > 100.000\text{h}   L_{90} B_{50} > 50.000\text{h}$ (each at max. ambient temperature)
Operating temperature:	-30°C to +55°C (The values given are for versions with through wiring)
Operating frequency:	0 or 50/60 Hz
Rated voltage:	220/240V AC/DC
Ingress protection:	IP65
Connection:	3 poles up to 4 mm <sup>2</sup>
Cable entries:	3xM25 x 1,5 (2 plastic cable glands - one of them is plugged)

# LED-STEEP ROOF LIGHT FITTINGS SERIES E821

Zones 1, 2, 21, 22

Full catalogue available on our website: [www.inpratex.com](http://www.inpratex.com)

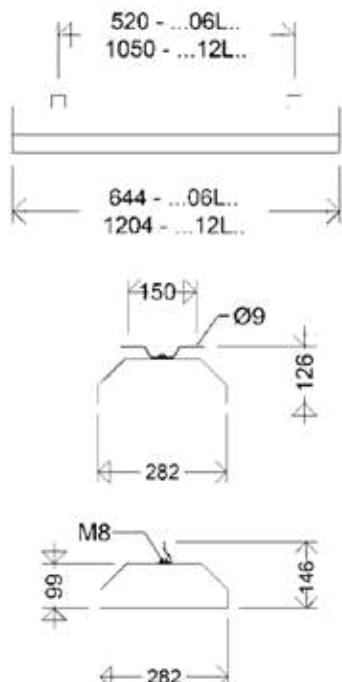


**Note:** This light fitting is not suitable for application in areas with permanent high humidity in combination with only short periods of operation, such as sewage or stormwater retention tanks or water treatment plants.

ACCESSORIES	
Designation:	Item No.:
2 suspension eyes, stainless steel	H8V P
2 ceiling brackets, hot galvanized steel	15A P
2 ceiling brackets, stainless steel	15AV P
2 wall/ceiling angle, steel	WD 45 P

Light fittings of series e821... can be equipped with a frame even at a later stage. Mounting by means of M5 bolts to the long sides of the housing (see drawing).

**Attention:** When planning the opening for recessed installation please allow additional clearance for the cable glands.



FRAME FOR RECESSED INSTALLATION							
Designation:	a	b	c	d	e	f	Item No.:
Frame for narrow housing, e821 06L, nD822 06L	302	660	710	55	300	348	EB 82. 06L
Frame for narrow housing, e821 12L, nD822 12L	302	1224	1270	125	340	348	EB 82. 12L



# LED LIGHTING FIXTURES SERIES EVL

Zones 1, 2, 21, 22

Full catalogue available on our website: [www.inpratex.com](http://www.inpratex.com)

CEILING LIGHTS

ZONES 1, 2 (gas) & 21, 22 (dust)



EU-Type Examination Certificate

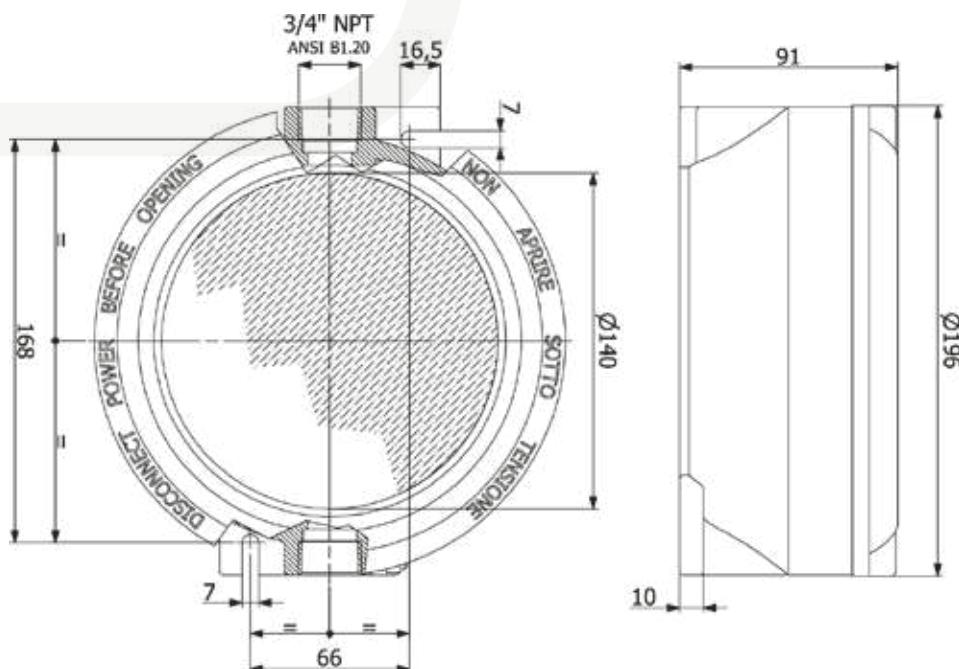
Explosion-proof compact unit for use in tunnels, boiler rooms, rooms with low ceilings, narrow deposits and in all places where space does not permit the use of traditional light fittings.

## ITEM REFERENCES

Designation:	Power:	Voltage:	Luminous flux:	Color:	Item No.:
EVL 12 24 D	12 W	24 V DC	1150 lm	White / 6000 K	1J0301
EVL 12 230 A	12 W	100-230 V AC/DC	1150 lm	White / 6000 K	1J0302

## TECHNICAL SPECIFICATIONS

Marking:	 II 2G Ex d IIC T6-T4 Gb  II 2D Ex tb IIIC T85°C-T135°C Db
Certificate:	EU-Type Examination Certificate
Housing:	Aluminium light alloy
Cover:	Tempered safety glass
Weight:	2,7 kg
Operating temperature:	-20°C to +40°C
Ingress protection:	IP66/67
Cable entries:	2x3/4" NPT (cable glands not included)



# LED CEILING/WALL MOUNTING LIGHT FITTING SERIES E9312

Zones 1, 2, 21, 22

Full catalogue available on our website: [www.inpratex.com](http://www.inpratex.com)

## CEILING LIGHTS

## ZONES 1, 2 (gas) & 21, 22 (dust)

Small, explosion-protected light fitting for the illumination of hard-to-reach areas, areas with confined space conditions or with minimal requirements for illuminance. This LED ceiling or wall-mounted ATEX light fitting is a robust, compact, light natural device.

His outer fixing points allow easy installation. Furthermore, the frosted impact-resistant PC cover ensures glare-free and homogeneous illumination and, in combination with the sturdy wire guard, protects the light fitting against accidental damage.

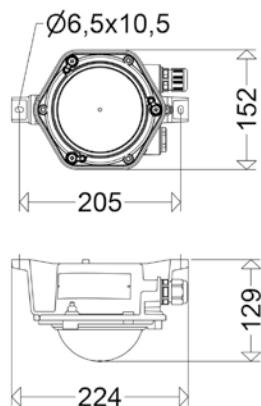
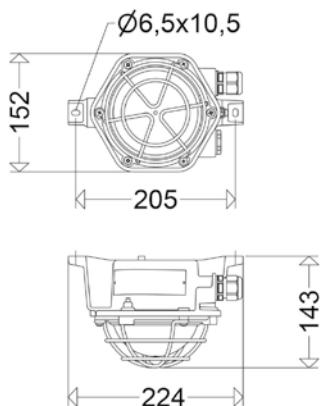


### ITEM REFERENCES

Designation:	Power:	Voltage:	Luminous flux:	Luminous efficacy:	Weight:	Item No.:
e9312F SK (wire guard)	11 W	220-240V AC/DC	600 lm	55 lm/W	1,3 kg	1J0401
e9312F					1,2 kg	1J0402

### TECHNICAL SPECIFICATIONS

Marking:	
Certificate:	EU-Type Examination Certificate
Housing:	Diecast aluminium, unpainted
Cover:	Polycarbonate, frosted
Wire guard:	Galvanised steel
Mounting:	2 cast on brackets for wall or ceiling mounting
LED:	6,500K, CRI typically 80   lifetime $L_{70} > 100.000$ h at max. ambient temperature
Operating temperature:	-25°C to +40°C
Rated voltage:	220-240V AC/DC, 0 or 50/60Hz
Ingress protection:	IP66
Connection:	3 poles up to 2,5 mm <sup>2</sup>
Cable entries:	1xM25 x 1,5 plastic cable glands (7-17 mm)   1xM25 x 1,5 plastic plug



# PORT SAID EX 504 LED V2 CEILING LIGHT

Zones 1, 2

Full catalogue available on our website: [www.inpratex.com](http://www.inpratex.com)

## CEILING LIGHTS

## ZONES 1, 2 (gas)



Particularly robust and equipped with a protective grid, the PORT SAID ceiling light is designed for the toughest conditions.

Shockproof and resistant to temperature changes according to DIN 49993.



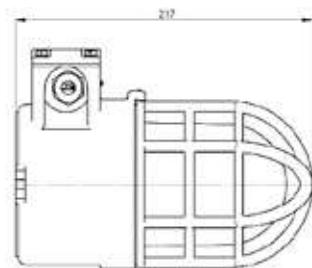
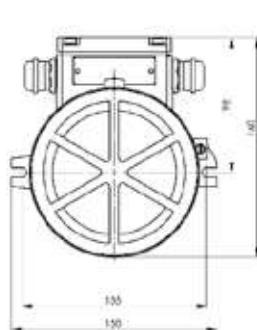
EU-Type Examination Certificate



ITEM REFERENCES				
Designation:	Light colour:	Colour T. / Wavelength:	Voltage:	Item No.:
PORT SAID Ex 504 LED V2 115–230V AC CW	Cold white	5.700 K / 6.000 K	115 V AC – 230 V AC 50/60 Hz	2A2801
PORT SAID Ex 504 LED V2 24V DC CW			24 V DC	2A2802
PORT SAID Ex 504 LED V2 115–230V AC WW	Warm white	3.000 K	115 V AC – 230 V AC 50/60 Hz	2A2803
PORT SAID Ex 504 LED V2 24V DC WW			24 V DC	2A2804
PORT SAID Ex 504 LED V2 115–230V AC R	Red	620 nm / 625 nm	115 V AC – 230 V AC 50/60 Hz	2A2805
PORT SAID Ex 504 LED V2 24V DC R			24 V DC	2A2806
PORT SAID Ex 504 LED V2 115–230V AC B	Blue	465-480 nm	115 V AC – 230 V AC 50/60 Hz	2A2807
PORT SAID Ex 504 LED V2 24V DC B			24 V DC	2A2808
PORT SAID Ex 504 LED V2 115–230V AC G	Green	520-530 nm	115 V AC – 230 V AC 50/60 Hz	2A2809
PORT SAID Ex 504 LED V2 24V DC G			24 V DC	2A2810
PORT SAID Ex 504 LED V2 115–230V AC A	Amber	585-590 nm	115 V AC – 230 V AC 50/60 Hz	2A2811
PORT SAID Ex 504 LED V2 24V DC A			24 V DC	2A2812

## TECHNICAL SPECIFICATIONS

Marking:	II 2G Ex db eb IIB+H2 T6 Gb
Certificate:	EU-Type Examination Certificate
Operating temperature:	-20°C to +45°C
Housing:	Housing and protective cage made of red brass; Hardened, shock and temperature resistant glass with satin finish for glare protection
Housing colour:	All surfaces are red brass uncoated
Ingress protection:	IP56
Power input:	Max. 10 W
Cable cross section:	Max. 2.5 mm <sup>2</sup>
Ground cross section:	1.5 mm <sup>2</sup> to 4 mm <sup>2</sup>
Weight:	4.12 kg (±5%)
Cable entries:	1x M20x1,5 cable gland for non-armoured cable Ø6-12 mm 1x M20x1,5 plug



# PORT SAID EX 504B LED V2 CEILING LIGHT

Zones 1, 2

Full catalogue available on our website: [www.inpratex.com](http://www.inpratex.com)

## CEILING LIGHTS

## ZONES 1, 2 (gas)



Particularly robust and equipped with a protective grid, the PORT SAID ceiling light is designed for the toughest conditions. Shockproof and resistant to temperature changes according to DIN 49993.

Explosion group IIC due to special coating.

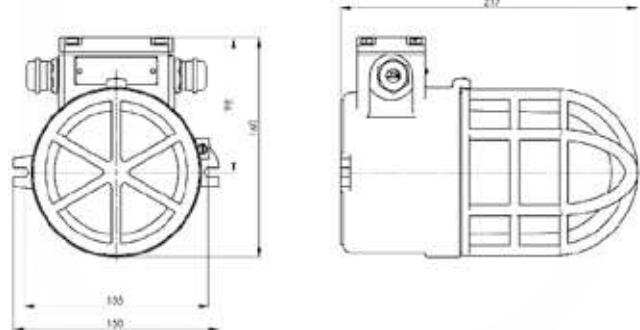
- Pressure proof and increased safety Ex db eb
- Temperature class T6
- Hardened, shock and temperature resistant glass with a special satin finish for glare protection
- Casing made of red brass casting
- Different light colors, such as green, red, blue, amber, warm white and cold white
- Glasses colour-matched to the respective light colour



EU-Type Examination Certificate

ITEM REFERENCES				
Designation:	Light colour:	Colour T. / Wavelength:	Voltage:	Item No.:
PORT SAID Ex 504B LED V2 115-230V AC CW	Cold white	5.700 K / 6.000 K	115 V AC - 230 V AC 50/60 Hz	2A2820
PORT SAID Ex 504B LED V2 24V DC CW			24 V DC	2A2821
PORT SAID Ex 504B LED V2 115-230V AC WW	Warm white	3.000 K	115 V AC - 230 V AC 50/60 Hz	2A2822
PORT SAID Ex 504B LED V2 24V DC WW			24 V DC	2A2823
PORT SAID Ex 504B LED V2 115-230V AC R	Red	620 nm / 625 nm	115 V AC - 230 V AC 50/60 Hz	2A2824
PORT SAID Ex 504B LED V2 24V DC R			24 V DC	2A2825
PORT SAID Ex 504B LED V2 115-230V AC B	Blue	465-480 nm	115 V AC - 230 V AC 50/60 Hz	2A2826
PORT SAID Ex 504B LED V2 24V DC B			24 V DC	2A2827
PORT SAID Ex 504B LED V2 115-230V AC G	Green	520-530 nm	115 V AC - 230 V AC 50/60 Hz	2A2828
PORT SAID Ex 504B LED V2 24V DC G			24 V DC	2A2829
PORT SAID Ex 504B LED V2 115-230V AC A	Amber	585-590 nm	115 V AC - 230 V AC 50/60 Hz	2A2830
PORT SAID Ex 504B LED V2 24V DC A			24 V DC	2A2831

TECHNICAL SPECIFICATIONS	
Marking:	Ex II 2G Ex db eb IIC T6 Gb
Certificate:	EU-Type Examination Certificate
Operating temperature:	-20°C to +45°C
Housing:	Housing and protective cage made of red brass; Hardened, shock and temperature resistant glass with satin finish for glare protection
Housing colour:	All surfaces powder-coated with a special coating in RAL 9016 (white)
Ingress protection:	IP56
Power input:	Max. 10 W
Cable cross section:	Max. 2.5 mm <sup>2</sup>
Ground cross section:	1.5 mm <sup>2</sup> to 4 mm <sup>2</sup>
Weight:	4.12 kg (±5%)
Cable entries:	1x M20x1,5 cable gland for non-armoured cable Ø6-12 mm 1x M20x1,5 plug



# PORT SAID EX 504B LED V2 NAVY CEILING LIGHT

Zones 1, 2

Full catalogue available on our website: [www.inpratex.com](http://www.inpratex.com)

## CEILING LIGHTS

## ZONES 1, 2 (gas)



Particularly robust and equipped with a protective grid, the PORT SAID ceiling light is specially adapted to the high requirements of ships and boats of the navy. Shockproof and resistant to temperature changes according to DIN 49993.

Explosion group IIC due to special coating.

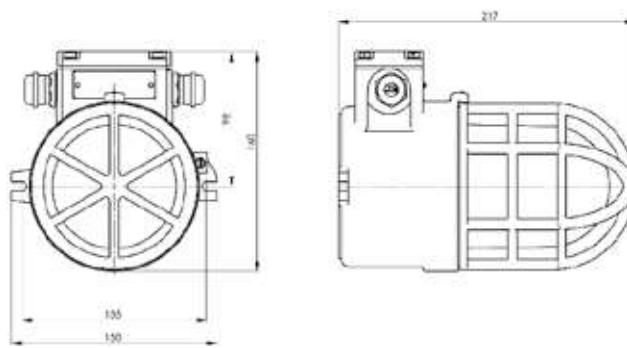
- Pressure proof and increased safety Ex db eb
- Temperature class T6
- Hardened, shock and temperature resistant glass with a special satin finish for glare protection
- Casing made of red brass casting
- Different light colors, such as green, red, blue, amber, warm white and cold white
- Glasses colour-matched to the respective light colour



EU-Type Examination Certificate

ITEM REFERENCES				
Designation:	Light colour:	Colour T. / Wavelength:	Voltage:	Item No.:
PORT SAID Ex 504B LED V2 115-230V AC Navy CW	Cold white	5.700 K / 6.000 K	115 V AC - 230 V AC 50/60 Hz	2A2840
PORT SAID Ex 504B LED V2 24V DC Navy CW			24 V DC	2A2841
PORT SAID Ex 504B LED V2 115-230V AC Navy WW	Warm white	3.000 K	115 V AC - 230 V AC 50/60 Hz	2A2842
PORT SAID Ex 504B LED V2 24V DC Navy WW			24 V DC	2A2843
PORT SAID Ex 504B LED V2 115-230V AC Navy R	Red	620 nm / 625 nm	115 V AC - 230 V AC 50/60 Hz	2A2844
PORT SAID Ex 504B LED V2 24V DC Navy R			24 V DC	2A2845
PORT SAID Ex 504B LED V2 115-230V AC Navy B	Blue	465-480 nm	115 V AC - 230 V AC 50/60 Hz	2A2846
PORT SAID Ex 504B LED V2 24V DC Navy B			24 V DC	2A2847
PORT SAID Ex 504B LED V2 115-230V AC Navy G	Green	520-530 nm	115 V AC - 230 V AC 50/60 Hz	2A2848
PORT SAID Ex 504B LED V2 24V DC Navy G			24 V DC	2A2849
PORT SAID Ex 504B LED V2 115-230V AC Navy A	Amber	585-590 nm	115 V AC - 230 V AC 50/60 Hz	2A2850
PORT SAID Ex 504B LED V2 24V DC Navy A			24 V DC	2A2851

TECHNICAL SPECIFICATIONS	
Marking:	
Certificate:	EU-Type Examination Certificate
Operating temperature:	-20°C to +45°C
Housing:	Housing and protective cage made of red brass; Hardened, shock and temperature resistant glass with satin finish for glare protection
Housing colour:	All surfaces powder-coated with a special coating in RAL 7001 (grey)
Ingress protection:	IP56
Power input:	Max. 10 W
Cable cross section:	Max. 2.5 mm <sup>2</sup>
Ground cross section:	1.5 mm <sup>2</sup> to 4 mm <sup>2</sup>
Weight:	4.12 kg (±5%)
Cable entries:	1x M20x1,5cable gland for non-armoured cable Ø7-12 mm 1x M20x1,5 plug



# KE-LED-EX 4003 TUBE LUMINAIRE

Zones 1, 2, 21, 22

Full catalogue available on our website: [www.inpratex.com](http://www.inpratex.com)

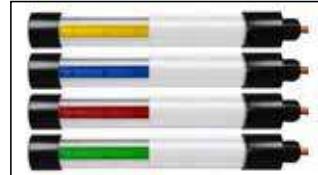
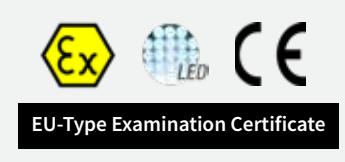
## LED LIGHT FITTINGS

## ZONES 1, 2 (gas) & 21, 22 (dust)

The extremely compact, explosion-proof LED tube and machine lights are defined as a first-class solution for effective lighting in demanding environments. Their small space requirement makes them particularly suitable for illuminating confined areas, containers and machines where long-lasting lighting is essential.



- 3x POWER LEDs | 6500K
- Polycarbonate protective tube
- Color variants available
- Electronic ballast with special protection
- Aluminium end caps
- 2x plastic brackets included



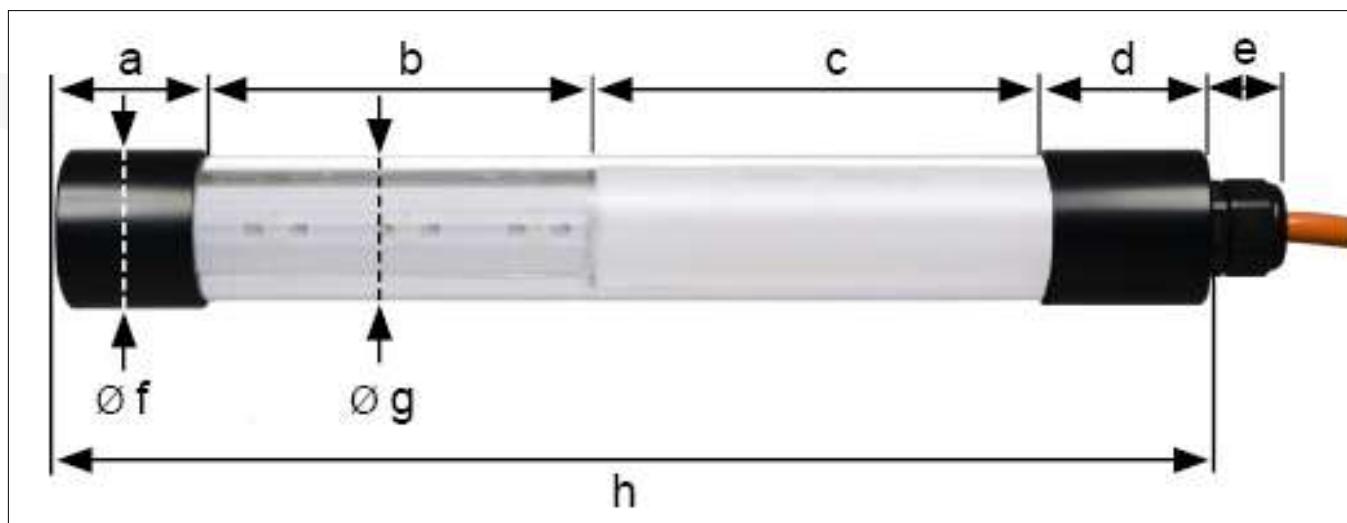
ITEM REFERENCES						
Designation:	Power:	Rated voltage:	Current:	Luminous flux:	Protection class:	Item No.:
EX 4003 12V Tube Luminaire	2,8 W	12V AC/DC	0,20 A	235 lm	III	1D0610
EX 4003 24V Tube Luminaire	3,0 W	24V AC/DC	0,10 A	255 lm	III	1D0611
EX 4003 42V Tube Luminaire	3,8 W	42V AC/DC	0,075 A	180 lm	II	1D0612
EX 4003 110V Tube Luminaire	3,0 W	110V AC/DC	0,025 A	185 lm	II	1D0613
EX 4003 230V Tube Luminaire	3,3 W	220-240V AC	0,03 A	200 lm	II	1D0614

TECHNICAL SPECIFICATIONS	
Marking:	Ex II 2G Ex eb mb op is IIC T4 Gb Ex II 2D Ex tb op is IIIC T105° Db
Certificate:	EU-Type Examination Certificate
Operating temperature:	-20°C to +50°C
LED:	3x POWER LED 6500K   CRI >70   Lifetime >50.000h
Ingress protection:	IP68 - 50m/5h
Protective tube:	Polycarbonate
End caps:	Aluminium
Impact resistance:	IK10
Mounting brackets:	Included
Energy efficiency class:	G
Weight:	1,65 kg
Cable:	10m H07BQ-F 2x1,5 mm <sup>2</sup> (plug not included)

# KE-LED-EX 4003 TUBE LUMINAIRE

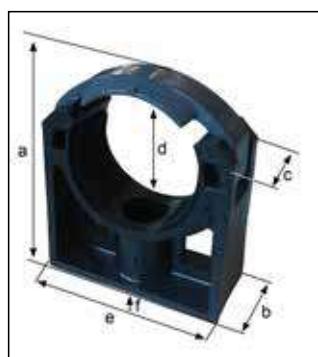
Zones 1, 2, 21, 22

Full catalogue available on our website: [www.inpratex.com](http://www.inpratex.com)



DIMENSIONS (mm)							
a	b	c	d	e	f	g	h
35	100	125	45	43	40	20	300

ACCESSORIES		
Designation:		Item No.:
	Mounting bracket with lock	BFK D40 EX
	Permanent magnet with mounting bracket	KM 40 EX-KL
	Antistatic protective film to protect the polycarbonate tube	SFO-EX 4003



DIMENSIONS BFK D40 EX (mm)					
a	b	c	d	e	f
67	25	20	40,4	57	1x

# KE-LED-EX 4006-O TUBE LUMINAIRE

Zones 1, 2, 21, 22

Full catalogue available on our website: [www.inpratex.com](http://www.inpratex.com)

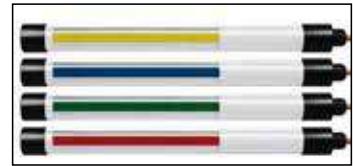
## LED LIGHT FITTINGS

## ZONES 1, 2 (gas) & 21, 22 (dust)

The ex-proof LED light KE-LED-EX 4006, known as a tube light and machine light, presents itself as an ideal lighting solution for safe use in machines, vehicles and systems of all kinds where the highest standards in terms of explosion protection are required. With its special design, it not only meets strict safety requirements, but also offers optimal and bright illumination of work areas, making it an indispensable tool in demanding environments.



- 6x POWER LEDs | 6500K
- Polycarbonate protective tube
- Color variants available
- Electronic ballast with special protection
- Aluminium end caps
- 2x plastic brackets included



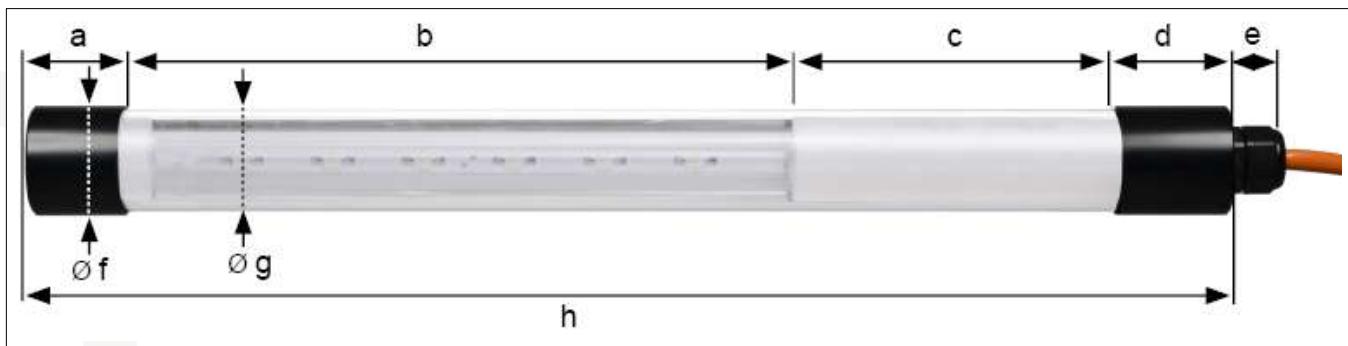
ITEM REFERENCES						
Designation:	Power:	Rated voltage:	Current:	Luminous flux:	Protection class:	Item No.:
EX 4006-O 12V Tube Luminaire	4,2 W	12V AC/DC	0,29 A	370 lm	III	1D0620
EX 4006-O 24V Tube Luminaire	5,3 W	24V AC/DC	0,18 A	520 lm	III	1D0621
EX 4006-O 42V Tube Luminaire	5,5 W	42V AC/DC	0,11 A	400 lm	II	1D0622
EX 4006-O 110V Tube Luminaire	6,4 W	110V AC/DC	0,05 A	460 lm	II	1D0623
EX 4006-O 230V Tube Luminaire	7,0 W	220-240V AC	0,05 A	520 lm	II	1D0624

TECHNICAL SPECIFICATIONS	
Marking:	 
Certificate:	EU-Type Examination Certificate
Operating temperature:	-20°C to +50°C
LED:	6x POWER LED 6500K   CRI >70   Lifetime >50.000h
Ingress protection:	IP68 - 50m/5h
Protective tube:	Polycarbonate
End caps:	Aluminium
Impact resistance:	IK10
Mounting brackets:	Included
Energy efficiency class:	F (24V) / G (12V, 42V, 110V, 220V)
Weight:	1,65 kg
Cable:	10m H07BQ-F 2x1,5 mm <sup>2</sup> (plug not included)

# KE-LED-EX 4006-0 TUBE LUMINAIRE

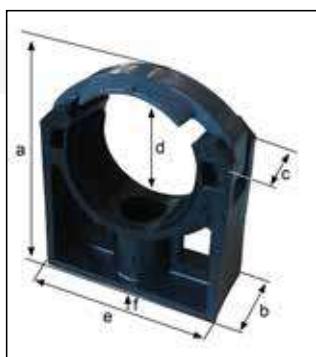
Zones 1, 2, 21, 22

Full catalogue available on our website: [www.inpratex.com](http://www.inpratex.com)



DIMENSIONS (mm)							
a	b	c	d	e	f	g	h
35	265	125	45	25	43	40	470

ACCESSORIES		
Designation:		Item No.:
	Mounting bracket with lock	BFK D40 EX
	Permanent magnet with mounting bracket	KM 40 EX-KL
	Antistatic protective film to protect the polycarbonate tube	SFO-EX 4006



DIMENSIONS BFK D40 EX (mm)					
a	b	c	d	e	f
67	25	20	40,4	57	1x



# KE-LED-EX 5018 TUBE LUMINAIRE 360°

Zones 1, 2, 21, 22

Full catalogue available on our website: [www.inpratex.com](http://www.inpratex.com)

## LED LIGHT FITTINGS

## ZONES 1, 2 (gas) & 21, 22 (dust)

The ATEX LED 360° tube luminaire is ideal for illuminating work in explosion-proof areas, such as cleaning work in tanks or silos.

The integrated diffuser foil ensures a glare-free and homogeneous light. Thanks to the optionally available accessories, the light is suitable for permanent or temporary installation.

- Circular LED light source of 360°
- 18x POWER LEDs | 6500K
- Polycarbonate protective tube
- Integrated diffuser foil
- Electronic ballast with special protection
- Aluminium end caps



EU-Type Examination Certificate



Silo suspension optional

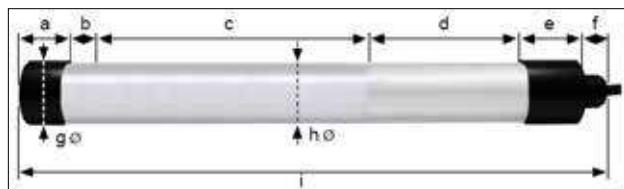


## ITEM REFERENCES

Designation:	Rated voltage:	Current:	Protection class:	Item No.:
EX 5018 24V Tube Luminaire	24V AC/DC	0,33 A	III	1D0602
EX 5018 230V Tube Luminaire	220-240V AC	0,06 A	II	1D0602B

## TECHNICAL SPECIFICATIONS

Marking:	Ex II 2G Ex eb mb op is IIC T4 Gb Ex II 2D Ex tb op is IIIC T105° Db
Certificate:	EU-Type Examination Certificate
Operating temperature:	-20°C to +40°C
Power:	10 W
LED 360°:	18x POWER LED 6500K   CRI >70   Lifetime >50.000h
Luminous flux:	1000 lm
Ingress protection:	IP68 - 50m/5h
Protective tube:	Polycarbonate
Impact resistance:	IK10
Integrated diffuser film:	Yes
Energy efficiency class:	F
Weight:	1,65 kg
Cable:	10m H07BQ-F 2x1 mm <sup>2</sup> (plug not included)



DIMENSIONS (mm)								
a	b	c	d	e	f	g	h	i
35	45	225	175	45	20	53	50	525

## ACCESSORIES

Designation:	Item No.:
Silo suspension	AS-EX 5018
Mounting bracket with lock	BFK D50 EX
Permanent magnet with mounting bracket	KM 50 EX-KL
Antistatic protective film to protect the polycarbonate tube	SFO-EX 5018

# KE-LED-EX 5024 TUBE LUMINAIRE

Zones 1, 2, 21, 22

Full catalogue available on our website: [www.inpratex.com](http://www.inpratex.com)

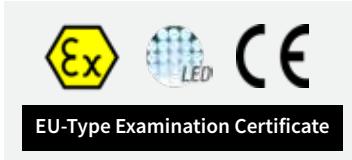
## LED LIGHT FITTINGS

ZONES 1, 2 (gas) & 21, 22 (dust)

The powerful ATEX LED tube light KE-LED-EX 5024 is an indispensable tool that supports you when working in explosion-proof environments with extremely bright and glare-free light. This highly developed luminaire is ideal for the permanent lighting of systems or buildings that have special and extreme requirements.



- 24x POWER LEDs | 6500K
- Polycarbonate protective tube
- Integrated diffuser foil
- Electronic ballast with special protection
- Aluminium end caps

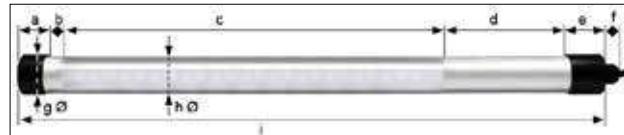


## ITEM REFERENCES

Designation:	Power:	Rated voltage:	Current:	Luminous flux:	Protection class:	Item No.:
EX 5024 24V Tube Luminaire	15,5 W	24V AC/DC	0,550 A	1650 lm	III	1D0630
EX 5024 110V Tube Luminaire	14,5 W	110V AC/DC	0,135 A	1600 lm	II	1D0631
EX 5024 230V Tube Luminaire	14,5 W	220-240V AC	0,075 A	1550 lm	II	1D0632

## TECHNICAL SPECIFICATIONS

Marking:	Ex II 2G Ex eb mb op is IIC T4 Gb Ex II 2D Ex tb op is IIIC T105° Db
Certificate:	EU-Type Examination Certificate
Operating temperature:	-20°C to +40°C
LED:	24x POWER LED 6500K   CRI >70   Lifetime >50.000h
Ingress protection:	IP68 - 50m/5h
Protective tube:	Polycarbonate
End caps:	Aluminium
Impact resistance:	IK10
Mounting brackets:	Included
Energy efficiency class:	F
Weight:	2,2 kg
Cable:	10m H07BQ-F 2x1,5 mm <sup>2</sup> (plug not included)



DIMENSIONS (mm)								
a	b	c	d	e	f	g	h	i
35	25	500	165	45	20	53	50	770

## ACCESSORIES

Designation:	Item No.:
 Mounting bracket with lock	BFK D50 EX
 Permanent magnet with mounting bracket	KM 50 EX-KL
 Antistatic protective film to protect the polycarbonate tube	SFO-EX 5024

# LED LIGHT FITTINGS SERIES ND866

Zones 2, 22

Full catalogue available on our website: [www.inpratex.com](http://www.inpratex.com)

## LED LIGHT FITTINGS

## ZONES 2 (gas) & 22 (dust)

The product series nD866 is the perfect solution for the illumination of hazardous areas zone 2 and 22. Suitable in high ambient temperatures up to +65°C, it excels with its innovative sandwich design of diffusor and reflector to protect the LED modules from mechanical or electrostatic damage, as well as homogeneous illumination and excellent glare limitation with the frosted diffuser.

High-quality LED modules and electronic control gears guarantee high efficiency and an extremely long service life.



Supplied without mounting brackets.



**Looping the cable on one side:** All light fittings of series nD866... have got 2 cable entries on one small side of the housing for cable looping instead of the through wiring system.

*\* This light fitting is not suitable for applications in areas with permanent high humidity in combination with only short periods of operation, such as sewage or stormwater retention tanks or water treatment plants.*

ITEM REFERENCES							
Designation:	Cover:	Power:	Luminous flux:	Luminous efficacy:	T. Max:	Weight:	Item No.:
<b>Standard versions:</b>							
nD866F 06L22	Frosted	15 W   (2x18W)	2170 lm	145 lm/W	40 °C	3,3 kg	1A340A
nD866F 06L42	Frosted	28 W   (2x36W)	4120 lm	147 lm/W	40 °C	3,4 kg	1A340B
nD866F 06L60	Frosted	40 W   (2x58W)	5700 lm	143 lm/W	40 °C	3,4 kg	1A340C
nD866F 12L42	Frosted	28 W   (2x36W)	4360 lm	156 lm/W	40 °C	5,4 kg	1A3401
nD866F 12L60	Frosted	40 W   (2x58W)	6020 lm	151 lm/W	40 °C	5,4 kg	1A3402
nD866F 12L85	Frosted	54 W   (>2x58W)	8620 lm	160 lm/W	40 °C	5,5 kg	1A3405
<b>Dimmable via DALI interface:</b>							
nD866F 06L42 DIMD	Frosted	28 W   (2x36W)	4120 lm	147 lm/W	40 °C	3,4 kg	1A3411
nD866F 06L60 DIMD	Frosted	40 W   (2x58W)	5700 lm	143 lm/W	40 °C	3,4 kg	1A3412
nD866F 12L42 DIMD	Frosted	28 W   (2x36W)	4360 lm	156 lm/W	40 °C	5,4 kg	1A3413
nD866F 12L60 DIMD	Frosted	40 W   (2x58W)	6020 lm	151 lm/W	40 °C	5,4 kg	1A3414
nD866F 12L85 DIMD	Frosted	54 W   (>2x58W)	8620 lm	160 lm/W	40 °C	5,5 kg	1A3415
<b>For high temperature (through-wiring or looping the cable is not allowed):</b>							
nD866F 12L42 H65	Frosted	28 W   (2x36W)	4360 lm	156 lm/W	65 °C	5,4 kg	1A3407
nD866F 12L60 H60	Frosted	40 W   (2x58W)	6020 lm	151 lm/W	60 °C	5,4 kg	1A3408
<b>Recommended version for outdoor lighting (4000K, Ra 70, FHS &lt; 5%)</b>							
nD866F 12L42 740   FHS 2,8%	Frosted	28 W   (2x36W)	4360 lm	156 lm/W	40 °C	5,4 kg	1A3416
nD866F 12L85 740	Frosted	54 W   (>2x58W)	8620 lm	160 lm/W	40 °C	5,4 kg	1A3418

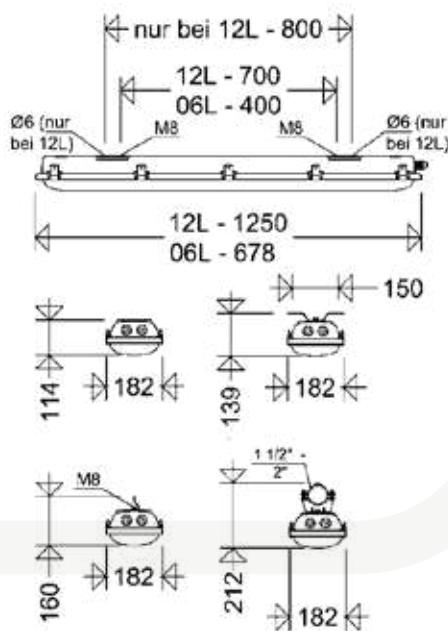
# LED LIGHT FITTINGS SERIES ND866

## Zones 2, 22

Full catalogue available on our website: [www.inpratex.com](http://www.inpratex.com)

## TECHNICAL SPECIFICATIONS

Marking:	 II 3G Ex ec IIC T4 Gc  II 3D Ex tc IIIC T80°C Dc
Certificate:	EU-Type Examination Certificate
Housing:	Glass fibre reinforced polyester resin. Stainless steel clips (KE), two of them as safety clip (KES), to be opened with screwdriver only.
Cover:	Injected polycarbonate, frosted, silicone gasket.
Reflector:	Sheet Steel, painted, carrying the LED-modules and all electrical components, clipped into the cover, suspendable.
Impact protection:	IK 10 (at the temperature of +25°C)
LED:	Line modules 5,000K. CRI > 80   lifetime $L_{80} > 100.000\text{h}$ at max. ambient temperature $L_{90} > 80.000\text{h}$ (06L..), $L_{90} > 90.000\text{h}$ (12L..) at 25°C ambient temperature
Operating temperature:	-30°C up to .. see Item table
Operating frequency:	0 or 50/60 Hz
Rated voltage:	220-240V AC/DC. Overvoltage, overload and short circuit protection.
Ingress protection:	IP66
Connection:	3 poles up to 2,5 mm <sup>2</sup>
Mechanical installation:	Standard: Facing downwards or forwards. Direct ceiling mounting is possible. Rubber washers are included. Further mounting options see accessories
Cable entries:	3xM25x1,5 (2 plastic cable glands (one of them plugged) + 1 plastic plug)



## ACCESSORIES

Designation:	Item No.:
2 suspensions eyes with bolts, stainless steel	H8V P
2 ceiling brackets, hot galvanized steel	DS 15A P
2 ceiling brackets, stainless steel	DS 15AV P
2 pipe clamps 1 ½", stainless steel, with support	RO84 112 A P
2 pipe clamps 2", stainless steel, with support	RO84 2 A P
2 retaining clips for variable mounting distances	HK 865 P
2 wall mounting angles, hot galvanized steel	WW 26 P
2 wall mounting angles 30°, hot galvanized steel	WW 26 30 P
2 wall mounting angles 45°, hot galvanized steel	WW 26 45 P

# LED-STEEP ROOF LIGHT FITTINGS SERIES ND822

Zones 2, 22

Full catalogue available on our website: [www.inpratex.com](http://www.inpratex.com)

## LED LIGHT FITTINGS

## ZONES 2 (gas) & 22 (dust)



Declaration of Conformity

*Supplied without mounting brackets*

Explosion-protected LED steep roof light fitting for use in ATEX Zones 2,22.

Powder-coated sheet steel housing, frameless hinged tempered safety glass pane. Central locking system with opposite internal hinges, silicone gasket.

Sheet steel reflector, white powder coated, hingeable and detachable, with encapsulated LED modules and frosted covers for glare limitation.

Encapsulated ECG with overvoltage, overload and short circuit protection.

Central locking system operated by a 5mm allen key, hinges on the opposite side.

### Looping the cable on one side:

All light fittings of series nD822... have 2 cable entries on one small side of the housing for cable looping instead of the through wiring system. (3-pole looping standard, 5-pole looping at additional cost)

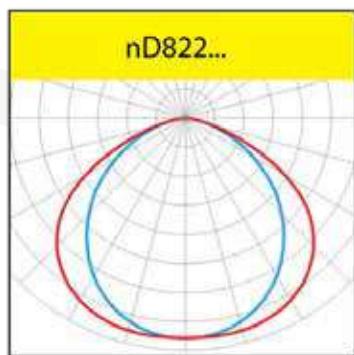
ITEM REFERENCES						
Designation:	Power:	Luminous flux:	Luminous efficacy:	T. max.:	Weight:	Item No.:
nD822 06L42	28 W   (2x36W)	4110 lm	147 lm/W	40 °C	7,9 kg	1A4501
nD822 06L60	40 W   (2x58W)	5600 lm	140 lm/W	40 °C	7,9 kg	1A4502
nD822 12L42	28 W   (2x36W)	4260 lm	152 lm/W	40 °C	13,6 kg	1A4503
nD822 12L60	40 W   (2x58W)	5900 lm	148 lm/W	40 °C	14,0 kg	1A4504
nD822 12L85	54 W   (>2x58W)	8350 lm	155 lm/W	40 °C	14,0 kg	1A4505
nD822 12L120	79 W   (>3x58W)	11470 lm	145 lm/W	40 °C	14,0 kg	1A4506

TECHNICAL SPECIFICATIONS	
Marking:	 
Certificate:	Declaration of conformity
Housing:	Sheet steel, powder coated in light grey (RAL 7035), silicone foam gasket
Cover:	Impact resistant safety glass pane, frameless / hinged.
LED:	Line modules approx. 5000K. CRI > 80, $L_{70} B_{10} > 100.000h$   $L_{80} B_{50} > 100.000h$   $L_{90} B_{50} > 50.000h$ (each at max. ambient temperature)
Operating temperature:	-30°C to +40°C
Operating frequency:	0 or 50/60 Hz
Rated voltage:	220/240V AC/DC
Ingress protection:	IP65
Connection:	3 poles up to 4 mm <sup>2</sup>
Cable entries:	3xM25 x 1,5 (2 plastic cable glands - one of them is plugged)

# LED-STEEP ROOF LIGHT FITTINGS SERIES ND822

Zones 2, 22

Full catalogue available on our website: [www.inpratex.com](http://www.inpratex.com)



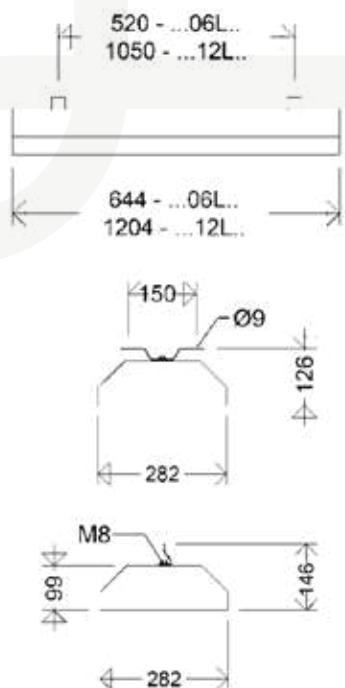
**Note:** This light fitting is not suitable for application in areas with permanent high humidity in combination with only short periods of operation, such as sewage or stormwater retention tanks or water treatment plants.

## ACCESSORIES

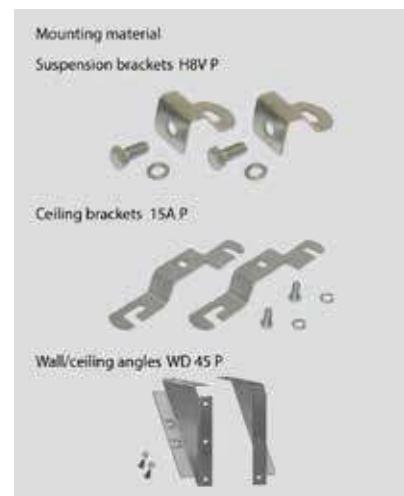
Designation:	Item No.:
2 suspension eyes, stainless steel	H8V P
2 ceiling brackets, hot galvanized steel	15A P
2 ceiling brackets, stainless steel	15AV P
2 wall/ceiling angle, steel	WD 45 P

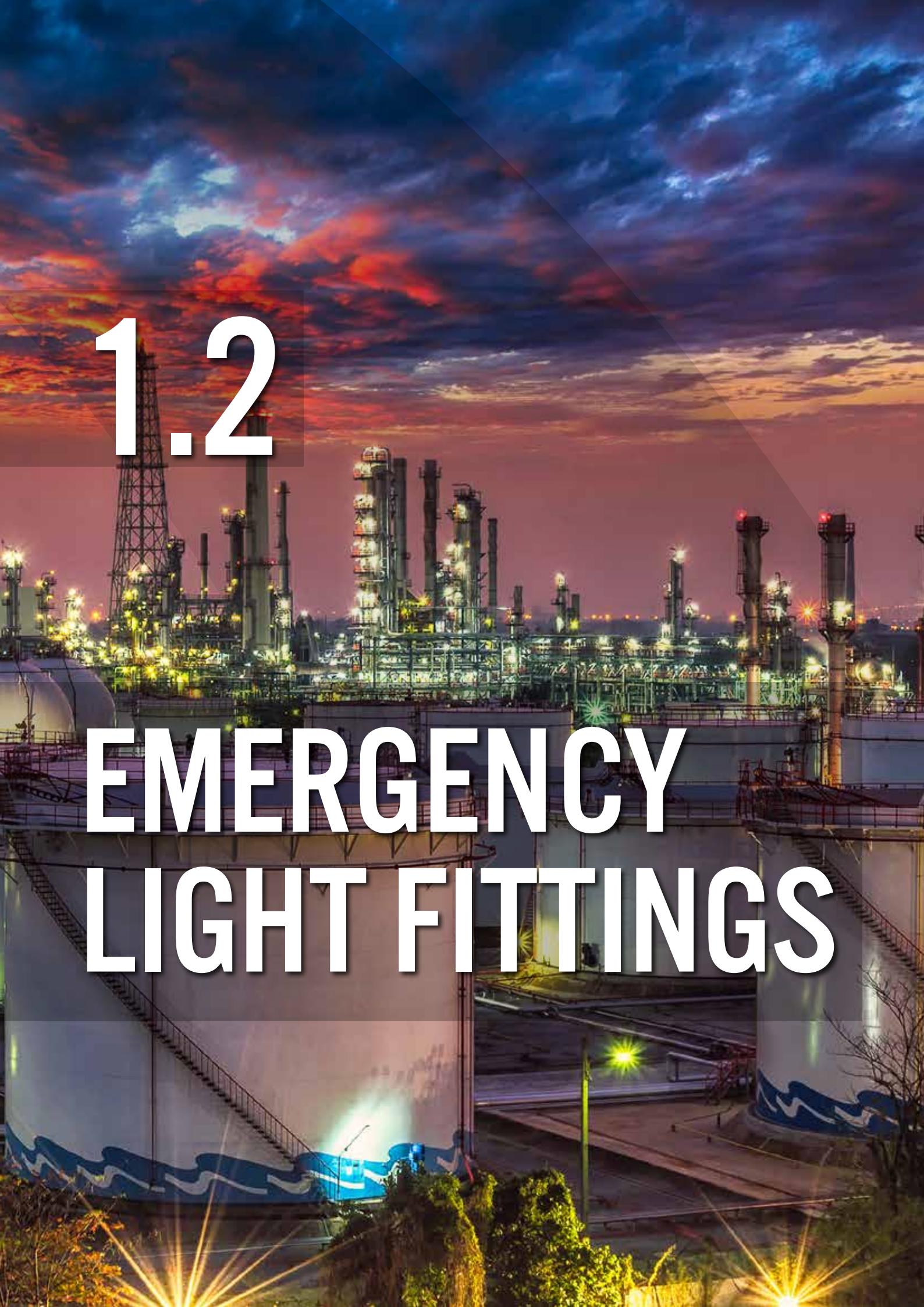
Light fittings of series nD822... can be equipped with a frame even at a later stage. Mounting by means of M5 bolts to the long sides of the housing (see drawing).

**Attention:** When planning the opening for recessed installation please allow additional clearance for the cable glands.



FRAME FOR RECESSED INSTALLATION							
Designation:	a	b	c	d	e	f	Item No.:
Frame for narrow housing, e821 06L, nD822 06L	302	660	710	55	300	348	EB 82. 06L
Frame for narrow housing, e821 12L, nD822 12L	302	1224	1270	125	340	348	EB 82. 12L





1.2

# EMERGENCY LIGHT FITTINGS

# LED EMERGENCY LIGHT FITTINGS SERIES E856

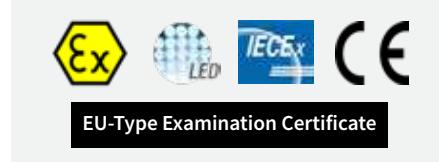
Zones 1, 2, 21, 22

Full catalogue available on our website: [www.inpratex.com](http://www.inpratex.com)

## ATEX EMERGENCY LIGHT FITTINGS

ZONES 1, 2 (gas) & 21, 22 (dust)

Version without battery box. Mounting accessories: see accessories



Options: dimmable via DALI-interface (DIMD)



Small LED Emergency light fitting for hazardous areas in Zones 1, 2 and 21, 22 as safety illumination and as information or escape route lighting.

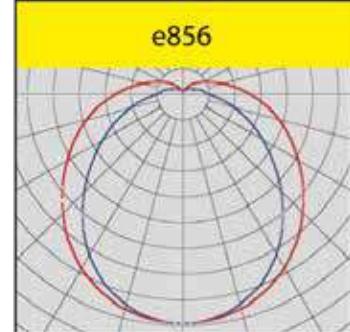
Glass fibre reinforced polyester housing.

Clear polycarbonate, frosted, detachable cover.

Automatic weekly function test and automatic annual duration test. Manual actuation of duration test is possible.

Easy battery replacement due to connector.

White, detachable reflector, carrying the encapsulated LED-modules and glare limitation modules. Central locking system operated by a hexagonal box spanner 13mm.



### ITEM REFERENCES (STANDARD VERSION)

Designation:	Cover:	Power:	Luminous flux:	Luminous flux (Emergency):	Luminous efficacy:	T. Max:	Weight:	Item No.:
<b>1h operation time</b>								
e856F L05/1/1,6	Frosted	6 W (1x8 W)	510 lm	510 lm	85 lm/W	55 °C	5,4 kg	1A0610
e856F L10/1/1,6	Frosted	11 W (2x8 W)	1060 lm	560 lm	96 lm/W	40 °C	5,4 kg	1A0611
e856F L20/1/1,6	Frosted	19 W (2x18 W)	2050 lm	560 lm	108 lm/W	40 °C	5,5 kg	1A0612
<b>3h operation time</b>								
e856F L05/3/2,5	Frosted	6 W (1x8 W)	510 lm	260 lm	85 lm/W	55 °C	5,4 kg	1A0613
e856F L10/3/2,5	Frosted	11 W (2x8 W)	1060 lm	260 lm	96 lm/W	40 °C	5,4 kg	1A0614
e856F L20/3/2,5	Frosted	19 W (2x18 W)	2050 lm	260 lm	108 lm/W	40 °C	5,6 kg	1A0615

### ITEM REFERENCES (BATTERY BOX VERSION)

Designation:	Cover:	Power:	Luminous flux:	Luminous flux (Emergency):	Luminous efficacy:	T. Max:	Weight:	Item No.:
<b>1h operation time</b>								
e856F L10/1/1,6 H	Frosted	11 W (2x8 W)	1060 lm	560 lm	96 lm/W	55 °C	6,3 kg	1A0616
e856F L20/1/1,6 H	Frosted	19 W (2x18 W)	2050 lm	560 lm	108 lm/W	55 °C	6,4 kg	1A0617
<b>3h operation time</b>								
e856F L10/3/2,5 H	Frosted	11 W (2x8 W)	1060 lm	260 lm	96 lm/W	55 °C	6,4 kg	1A0618
e856F L20/3/2,5 H	Frosted	19 W (2x18 W)	2050 lm	260 lm	108 lm/W	55 °C	6,5 kg	1A0619

# LED EMERGENCY LIGHT FITTINGS SERIES E856

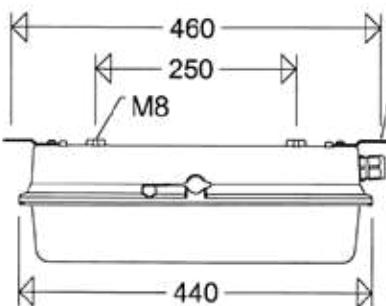
Zones 1, 2, 21, 22

Full catalogue available on our website: [www.inpratex.com](http://www.inpratex.com)

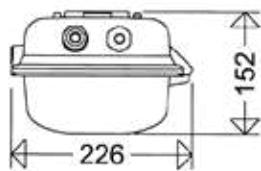
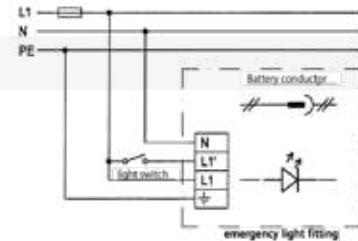
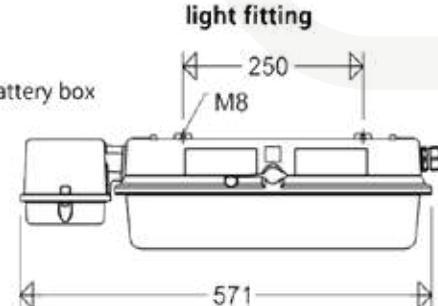
## TECHNICAL SPECIFICATIONS

Marking:	 
Certificate:	EU-Type Examination Certificate
Housing:	Glass fibre reinforced polyester
Cover:	Polycarbonate
LED:	Line modules ca. 6,500K, CRI > 80   $L_{70} B_{10} > 80.000\text{h}$ , $L_{80} B_{50} > 80.000\text{h}$ each at max. ambient temperature
Battery:	NiCd, electronic charger, short circuit protected battery and reverse battery protection
Re-charging time:	24 h, acc. to EN 60598-2-22
Operating temperature:	-30°C to +55°C. Nominal range acc. to EN 60598-2-22 0°C up to 40° or 50°C (H-Versions). Reduced emergency light duration if operated below 0°C
Operating frequency:	50/60 Hz
Rated voltage:	220/240V AC
Ingress protection:	IP66
Automatic monitoring:	of the emergency light fitting according to EN 62034, indication of the test results by 2-coloured LED (luminescence diode) at the luminaire
Connection:	Prepared for looping the mains cable at one end 4 x 2.5mm <sup>2</sup>
Cable entries:	1xM25X1,5 plastic cable gland 1xM25X1,5 plastic plug

e856F ... (without battery box)



e856F ... H (with battery box)



## ACCESSORIES

Designation:	Item No.:
2 ceiling brackets, hot galvanized steel	15A P
2 ceiling brackets, stainless steel	15AV P
2 pipe clamps 1 1/2", stainless steel, with support	RO84 112 A P
2 pipe clamps 2", stainless steel, with support	RO84 2 A P
2 wall mounting angles	W26/L P
2 wall mounting angles 30°	W26/30 P
2 wall mounting angles 45°	W26/45 P

Self-adhesive pictograms:	Item No.:
Emergency exit to the left	121/33 W
Emergency exit to the right	121/34 W
Emergency exit below	121/35 W



Self-adhesive pictograms for identification of escape routes acc. to DIN EN ISO 7010 and ASR A1.3. Viewing distance: 25 m

# EMERGENCY LIGHT FITTINGS SERIES EXELED 1 N E864

Zones 1, 2, 21, 22

Full catalogue available on our website: [www.inpratex.com](http://www.inpratex.com)

## ATEX EMERGENCY LIGHT FITTINGS

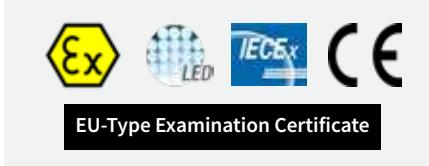
ZONES 1, 2 (gas) & 21, 22 (dust)

For escape routes and work areas with special risks, reliability of illumination is essential in the event of a failure of the general lighting system to allow safe exit of the affected area. In hazardous areas zone 1 and 21, the explosion-protected LED emergency light fittings with single battery of product series ExeLed 1 N provide this with great reliability and noticeably high efficiency.

**Maintained operation:** switching over to battery operation in case of mains failure, line modules will be operated with reduced luminous flux as emergency lighting.

**Stand-by operation:** switching on in case of mains failure.

Supplied without mounting brackets.



Options:  
Dimmable via DALI-interface (DIMD)  
4.500K, light colour 845

- safety in case of an emergency, instant light with maximum light output
- multifunctional LED with coded indication of the functions, states and potential faults of the electronic device and the battery
- automatic weekly function test
- automatic annual duration test
- easy battery replacement due to connector
- innovative encapsulation with high transmission rate
- LED-Modules protected from mechanical or electrostatic damages by sandwich design of reflector and cover
- homogeneous illumination by using frosted diffusers (versions e864F..) no individual light points visible, comfortable perception of light, brilliant glare limitation
- FastFix mounting, system for variable mounting distances and easy installation (retaining clips HK865 P) without opening the fitting

\* This light fitting is not suitable for applications in areas with permanent high humidity in combination with only short periods of operation, such as sewage or stormwater retention tanks or water treatment plants.

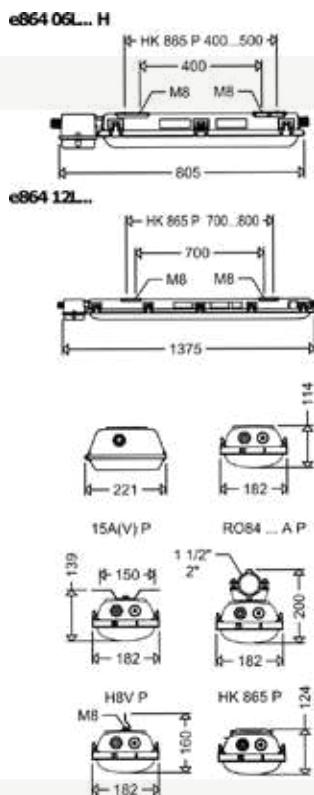
ITEM REFERENCES								
Designation:	Cover:	Power:	Luminous flux:	Luminous flux (Emergency):	Luminous efficacy:	T. Max:	Weight:	Item No.:
<b>1h operation time</b>								
e864F 06L22/1/1,6	Frosted	18 W   (2x18W)	2170 lm	700 lm	121 lm/W	55 °C	6,2 kg	1A400A
e864F 06L42/1/1,6	Frosted	29 W   (2x36W)	4100 lm	700 lm	141 lm/W	50 °C	6,4 kg	1A400B
e864F 12L42/1/1,6	Frosted	29 W   (2x36W)	4360 lm	750 lm	150 lm/W	55 °C	7,6 kg	1A4001
e864F 12L60/1/1,6	Frosted	41 W   (2x58W)	6020 lm	750 lm	147 lm/W	55 °C	7,6 kg	1A4002
e864 12L42/1/1,6	Clear	29 W   (2x36W)	4590 lm	800 lm	158 lm/W	55 °C	7,6 kg	1A4003
e864 12L60/1/1,6	Clear	41 W   (2x58W)	6320lm	800 lm	155 lm/W	55 °C	7,6 kg	1A4004
<b>3h operation time</b>								
e864F 06L22/3/4	Frosted	18 W   (2x18W)	2170 lm	700 lm	121 lm/W	55 °C	6,4 kg	1A400C
e864F 06L42/3/4	Frosted	29 W   (2x36W)	4100 lm	700 lm	141 lm/W	50 °C	6,8 kg	1A400D
e864F 12L42/3/4	Frosted	29 W   (2x36W)	4360 lm	750 lm	150 lm/W	55 °C	8 kg	1A4005
e864F 12L60/3/4	Frosted	41 W   (2x58W)	6020 lm	750 lm	147 lm/W	55 °C	8 kg	1A4006
e864 12L42/3/4	Clear	29 W   (2x36W)	4590 lm	800 lm	158 lm/W	55 °C	8 kg	1A4007
e864 12L60/3/4	Clear	41 W   (2x58W)	6320lm	800 lm	155 lm/W	55 °C	8 kg	1A4008

# EMERGENCY LIGHT FITTINGS SERIES EXELED 1 N E864

Zones 1, 2, 21, 22

Full catalogue available on our website: [www.inpratex.com](http://www.inpratex.com)

TECHNICAL SPECIFICATIONS	
Marking:	 II 2G Ex db eb [ib] mb op is q IIC T4 Gb  II 2D Ex op is tb IIIC T80°C Db
Certificate:	EU-Type Examination Certificate
Housing:	Glass fibre reinforced polyester. Stainless steel clips (KE), 2 of them as safety clip (KES), to be opened with screwdriver only
Cover:	Injected polycarbonate, frosted (F) or clear Silicone gasket
Reflector:	Sheet Steel, painted, carrying the encapsulated LED-modules, clipped into the cover, suspendable
LED:	Line modules   Clear cover: 6500K, Frosted cover: 6000K   CRI > 80 $L_{80} > 100.000\text{h}$ at max. ambient temperature $L_{90} > 95.000\text{h}$ (06L..), $L_{90} > 85.000\text{h}$ (12L..) each at 25°C ambient T.
Battery:	NiCd, electronic charger, short circuit protected battery and reverse battery protection
Re-charging time:	24 h, acc. to EN 60598-2-22
Operating temperature:	-30°C to +55°C. Nominal range acc. to EN 60598-2-22 0°C up to 45°C, reduced emergency light duration if operated below 0°C
Operating frequency:	50/60 Hz
Rated voltage:	220/240V AC
Ingress protection:	IP66
Automatic monitoring:	Of the emergency light fitting according to EN 62034, indication of the test results by 2-coloured LED (luminescence diode) at the luminaire
Connection:	4 poles up to 4 mm <sup>2</sup>
Cable entries:	2xM25x1,5 (2 plastic cable glands - 1 of them is plugged)



ACCESSORIES	
Designation:	Item No.:
2 suspension brackets, stainless steel	H8V P
2 ceiling brackets, hot galvanized steel	15A P
2 ceiling brackets, stainless steel	15AV P
2 pipe clamps 1 1/2", stainless steel, with support	RO84 112 A P
2 pipe clamps 2", stainless steel, with support	RO84 2 A P
2 retaining clips for variable mounting distances	HK 865 P
2 wall mounting angles	W26 P
2 wall mounting angles 30°	W26/30 P
2 wall mounting angles 45°	W26/45 P



# EMERGENCY LIGHT FITTINGS SERIES EXELED 2 N ND867

Zones 2, 22

Full catalogue available on our website: [www.inpratex.com](http://www.inpratex.com)

## ATEX EMERGENCY LIGHT FITTINGS

ZONES 2 (gas) & 22 (dust)

Emergencies are extraordinary situations. When the lighting fails, panic can quickly ensue. Emergency lighting that is fail-safe and reliable can be a matter of life and death. Here the product series ExeLed 2 N, with its automatic self-monitoring and regular function and duration tests, is an excellent choice. Dependable, extremely long-lasting and extraordinarily efficient, it offers the necessary reliability in an emergency.

Maintained operation: switching over to battery operation in case of mains failure, line modules will be operated with reduced luminous flux as emergency lighting. Stand-by operation: switching on in case of mains failure.



Supplied without mounting brackets.



EU-Type Examination Certificate

Options: dimmable via DALI-interface (DIMD)

\* This light fitting is not suitable for applications in areas with permanent high humidity in combination with only short periods of operation, such as sewage or stormwater retention tanks or water treatment plants.

Standard version with integrated battery or separate battery box version for high temperatures.

1  
Ex

LIGHTING

### ITEM REFERENCES (STANDARD VERSION)

Designation:	Cover:	Power:	Luminous flux:	Luminous flux (Emergency):	Luminous efficacy:	T. Max:	Weight:	Item No.:
<b>1h operation time</b>								
nD867F 06L22/1/4	Frosted	16 W   (2x18W)	2170 lm	650 lm	136 lm/W	40 °C	4,2 kg	1A390A
nD867F 06L42/1/4	Frosted	29 W   (2x36W)	4360 lm	750 lm	150 lm/W	40 °C	4,4 kg	1A390B
nD867F 12L42/1/4	Frosted	29 W   (2x36W)	4360 lm	750 lm	150 lm/W	40 °C	6,3 kg	1A3901
nD867F 12L60/1/4	Frosted	41 W   (2x58W)	6020 lm	750 lm	147 lm/W	40 °C	6,3 kg	1A3902
nD867 12L42/1/4	Clear	29 W   (2x36W)	4590 lm	800 lm	158 lm/W	40 °C	6,3 kg	1A3903
nD867 12L60/1/4	Clear	41 W   (2x58W)	6320 lm	800 lm	155 lm/W	40 °C	6,3 kg	1A3904
<b>3h operation time</b>								
nD867F 06L22/3/4	Frosted	16 W   (2x18W)	2170 lm	650 lm	136 lm/W	40 °C	4,2 kg	1A390C
nD867F 06L42/3/4	Frosted	29 W   (2x36W)	4360 lm	750 lm	150 lm/W	40 °C	4,4 kg	1A390D
nD867F 12L42/3/4	Frosted	29 W   (2x36W)	4360 lm	750 lm	150 lm/W	40 °C	6,3 kg	1A3905
nD867F 12L60/3/4	Frosted	41 W   (2x58W)	6020 lm	750 lm	147 lm/W	40 °C	6,3 kg	1A3906
nD867 12L42/3/4	Clear	29 W   (2x36W)	4590 lm	800 lm	158 lm/W	40 °C	6,3 kg	1A3907
nD867 12L60/3/4	Clear	41 W   (2x58W)	6320 lm	800 lm	155 lm/W	40 °C	6,3 kg	1A3908

### ITEM REFERENCES (BATTERY BOX VERSION)

Designation:	Cover:	Power:	Luminous flux:	Luminous flux Emergencia:	Luminous efficacy:	T. Max:	Weight:	Item No.:
<b>1h operation time</b>								
nD867F 06L22/1/4 H	Frosted	16 W   (2x18W)	2170 lm	650 lm	136 lm/W	55 °C	5,2 kg	1A390E
nD867F 06L42/1/4 H	Frosted	29 W   (2x36W)	4360 lm	750 lm	150 lm/W	55 °C	5,4 kg	1A390F
nD867F 12L42/1/4 H	Frosted	29 W   (2x36W)	4360 lm	750 lm	150 lm/W	55 °C	7,3 kg	1A3909
nD867F 12L60/1/4 H	Frosted	41 W   (2x58W)	6020 lm	750 lm	147 lm/W	55 °C	7,3 kg	1A3910
nD867 12L42/1/4 H	Clear	29 W   (2x36W)	4590 lm	800 lm	158 lm/W	55 °C	7,3 kg	1A3911
nD867 12L60/1/4 H	Clear	41 W   (2x58W)	6320 lm	800 lm	155 lm/W	55 °C	7,3 kg	1A3912
<b>3h operation time</b>								
nD867F 06L22/3/4 H	Frosted	16 W   (2x18W)	2170 lm	650 lm	136 lm/W	55 °C	5,2 kg	1A390G
nD867F 06L42/3/4 H	Frosted	29 W   (2x36W)	4360 lm	750 lm	150 lm/W	55 °C	5,4 kg	1A390H
nD867F 12L42/3/4 H	Frosted	29 W   (2x36W)	4360 lm	750 lm	150 lm/W	55 °C	7,3 kg	1A3913
nD867F 12L60/3/4 H	Frosted	41 W   (2x58W)	6020 lm	750 lm	147 lm/W	55 °C	7,3 kg	1A3914
nD867 12L42/3/4 H	Clear	29 W   (2x36W)	4590 lm	800 lm	158 lm/W	55 °C	7,3 kg	1A3915
nD867 12L60/3/4 H	Clear	41 W   (2x58W)	6320 lm	800 lm	155 lm/W	55 °C	7,3 kg	1A3916

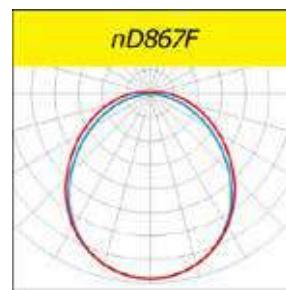
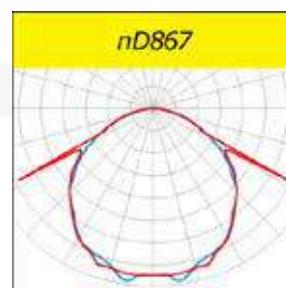
# EMERGENCY LIGHT FITTINGS SERIES EXELED 2 N ND867

Zones 2, 22

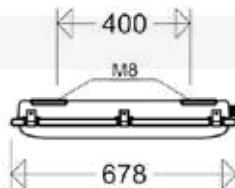
Full catalogue available on our website: [www.inpratex.com](http://www.inpratex.com)

## TECHNICAL SPECIFICATIONS

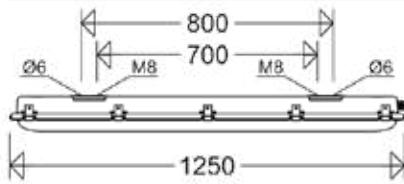
Marking:	 II 3G Ex ec IIC T4 Gc  II 3D Ex tc IIIC T80°C Dc
Certificate:	EU-Type Examination Certificate
Housing:	Glass fibre reinforced polyester resin. Version H with separate battery box at one small side of the housing. Stainless steel clips (KE), two of them as safety clip (KES), to be opened with screwdriver only.
Cover:	Injected polycarbonate, frosted (F) or clear, silicone gasket.
Reflector:	Sheet Steel, painted, carrying the LED-modules and all electrical components, clipped into the cover, suspendable.
LED:	Line modules 5000K, CRI > 80. L80 > 100.000h at max. ambient temperature L <sub>90</sub> > 90.000h (06L..)   L <sub>90</sub> > 75.000h (12L..) at 25°C ambient temperature
Battery:	NiCd, electronic charger, short circuit protected battery and reverse battery protection
Re-charging time:	24 h, acc. to EN 60598-2-22
Operating temperature:	-30°C to +55°C. Reduced emergency light duration if operated below 0°C. For nD867 H nominal range acc. to EN60598-2-22, 0°C up to 45°C.
Operating frequency:	50/60 Hz
Rated voltage:	220/240V AC, 50-60Hz
Ingress protection:	IP66
Automatic monitoring:	of the emergency light fitting according to EN 62034, indication of the test results by 2-coloured LED (luminescence diode) at the luminaire
Connection:	4 poles up to 2,5 mm <sup>2</sup>
Mechanical installation:	Standard: Facing downwards or forwards Direct ceiling mounting is possible. Rubber washers are included. Further mounting options, see accessories
Cable entries:	3xM25x1,5 (2 plastic cable glands - one of them is plugged). Versions H with 2 x M25 x 1,5 at the front end of the light fitting



nD867... 06L.. (without battery box)



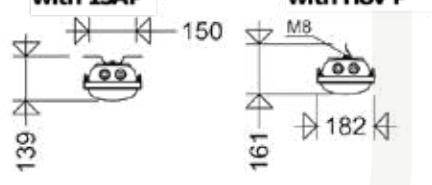
nD867... 12L.. (without battery box)



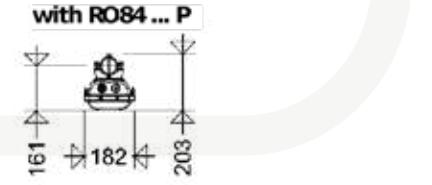
with HK865 P



with 15AP



with H8V P



with RO84 ... P

ACCESSORIES	
Designation:	Item No.:
2 suspension brackets, stainless steel	H8V P
2 ceiling brackets, hot galvanized steel	15A P
2 ceiling brackets, stainless steel	15AV P
2 pipe clamps 1 1/2", stainless steel, with support	RO84 112 A P
2 pipe clamps 2", stainless steel, with support	RO84 2 A P
2 retaining clips for variable mounting distances	HK 865 P
2 wall mounting angles	W26 P
2 wall mounting angles 30°	W26/30 P
2 wall mounting angles 45°	W26/45 P

# COMPACT LED EMERGENCY LIGHT FITTINGS SERIES ND8611

Zones 2, 22

Full catalogue available on our website: [www.inpratex.com](http://www.inpratex.com)

## ATEX EMERGENCY LIGHT FITTINGS

ONES 2 (gas) & 22 (dust)



Outstanding visibility of the indication sign due to a superb and even illumination of the pictogram.

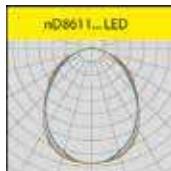
Stable luminous flux in emergency operation.

Compact LED Emergency and Escape Sign Light Fitting for illumination of escape routes and for identification of escape routes in hazardous locations.

### 2 Modes of operation:

- Stand-by operation: Emergency light switches on in case of mains failure
- Maintained operation: Switching over to battery operation in case of mains failure

Automatic monitoring the emergency light fitting acc. to EN 62034. Indication of the test results by 2-colour LED on the light fitting.

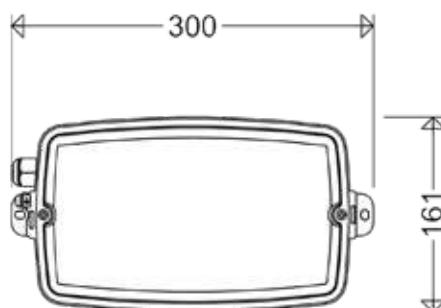
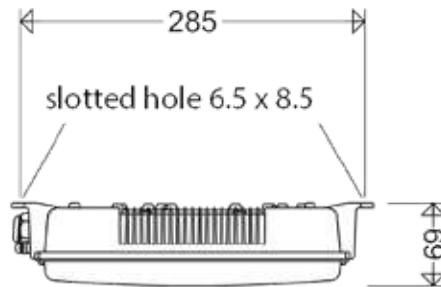


Declaration of Conformity

ITEM REFERENCES							
Designation:	Power consumption:	Emergency operation:	Luminous flux:	Luminous flux (emergency):	Luminous efficacy:	Weight:	Item No.:
nD8611 L02/1W	5W	1h NiMH	150 lm	150 lm	30 lm/W	1 kg	1A2303
nD8611 L02/3W	5W	3h NiMh	150 lm	150 lm	30 lm/W	1,2 kg	1A2304

## TECHNICAL SPECIFICATIONS

Marking:	 
Certificate:	Declaration of Conformity
Operating temperature:	-5°C to +30°C (maintained operation) 0°C to +40°C (standby operation)
Operating conditions:	Indoor / Outdoor
Housing:	Diecast aluminium, natural finish
Cover:	Polycarbonate opalescent white (Pictograms, if required, to be ordered separately)
Impact protection:	4 J (at the temperature of -5°C no IK rating given; the 4 J are defined in the ex-proof regulation)
LED:	Linear module 6.500K, CRI > 80, L <sub>80</sub> > 50.000h at max. ambient temperature
Battery:	Built-in NiMH. A constant trickle charge to the battery ensures readiness of operation at all times.
Recharging time:	24 h
Operating frequency:	50/60 Hz
Rated voltage:	220-240 V AC
Ingress protection:	IP65
Connection terminals:	3 or 4 poles, clamping range max. 2,5mm <sup>2</sup>
Cable entries:	1xM20x1,5 plastic cable gland



  	Self-adhesive pictogram:	Item No.:
Self-adhesive pictogram for marking escape routes acc.to DIN EN ISO 7010 and ASR A1.3. Viewing = 22m.	Emergency exit to the left	220/110/33
	Emergency exit to the right	220/110/34
	Emergency exit below	220/110/35

# 7 SERIES LED EMERGENCY LUMINAIRE

Zones 1, 2, 21, 22

Full catalogue available on our website: [www.inpratex.com](http://www.inpratex.com)

## LED LIGHT FITTINGS

## ZONES 1, 2 (gas) & 21, 22 (dust)



High efficiency Zone 1 and Zone 21 LED Luminaire for use in hazardous areas. Manufactured from impact resistant polycarbonate and high specification marine grade aluminium, the fitting is supplied anodised and painted.

These emergency models are fitted with integral batteries (3 hour duration) and charging units for ease of fitting and maintenance.



EU-Type Examination Certificate

### ITEM REFERENCES - EMERGENCY

Designation:	Power:	Size:	Luminous flux:	Item No.:
15W Ex d Emergency	15 W	1 - 448 mm	1335 lm	1A4721
30W Ex d Emergency	30 W	2 - 752 mm	2670 lm	1A4712

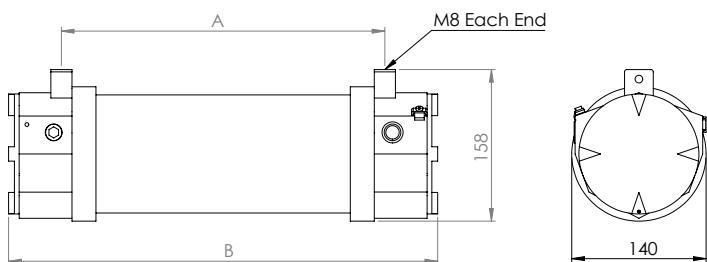
### ITEM REFERENCES - SELF-TEST EMERGENCY

Designation:	Power:	Size:	Luminous flux:	Item No.:
15W Ex d Self-Test Emergency	15 W	1 - 448 mm	1335 lm	1A4721
30W Ex d Self-Test Emergency	30 W	2 - 752 mm	2670 lm	1A4722

3-hour self-test emergency with auto-commissioning. Runs monthly and yearly checks automatically

### TECHNICAL SPECIFICATIONS

Marking:	 
Certificate:	EU-Type Examination Certificate
Operating temperature:	-20°C to +55°C
Housing:	Marine grade aluminium body with high impact polycarbonate tube
Ingress protection:	IP66
Light output:	High efficiency LED with various outputs
Supply voltage:	230V 50/60Hz.
Control gear:	Electronic drive
Electrical connections:	3 wire and earth cable size 4mm <sup>2</sup> max. Through wiring as standard
Installation / Mounting:	2 x M8 tapped holes. Size 1: 335 mm, size 2: 632 mm
Cable entries:	4 x M20 (3 plugged)



DIMENSIONS			
SIZE	A:	B:	Weight:
1	335 mm	448 mm	3 kg
2	632 mm	752 mm	5 kg



1.3

# FLOODLIGHTS & HIGH BAYS

# LED FLOODLIGHT SERIES E8820 EXSTREAM

Zones 1, 2, 21, 22

Full catalogue available on our website: [www.inpratex.com](http://www.inpratex.com)

## ATEX FLOODLIGHTS

## ZONES 1, 2 (gas) & 21, 22 (dust)



Robust, highly efficient and extremely durable, these are the outstanding properties of the ex-proof LED floodlight series ExSTREAM. A cooling rib structure that completely encloses each housing segment characterises the design of the Ex light fitting.

The result is excellent heat dissipation, supported by good convection and thus additional cooling of each luminaire segment.

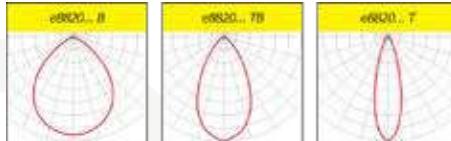
### Options:

- for ambient temperatures down to -40°C
- seawater-resistant version



EU-Type Examination Certificate

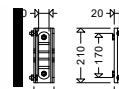
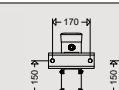
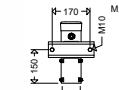
\* Due to the inrush current of the electronic ballasts, the maximum permissible number of light fittings per circuit breaker is limited.



### ITEM REFERENCES

Designation:	Power:	Lumin. flux:	Efficacy lm/W:	T. max.	Weight:	Item No.:
wide beam (available in 2 versions: with 3 or 6 LED modules)						
e8820/3 L120B H55	87W	11.850 lm	136	55°C	11,2 kg	1B1301
e8820/3 L150B	125W	15.800 lm	126	40°C	11,2 kg	1B1302
e8820/6 L240B H55	174W	23.700 lm	136	55°C	17,2 kg	1B1303
e8820/6 L300B	250W	31.600 lm	126	40°C	17,2 kg	1B1304
narrow wide beam (available in 2 versions: with 3 or 6 LED modules)						
e8820/3 L120TB H55	87W	11.100 lm	128	55°C	11,2 kg	1B1305
e8820/3 L150TB	125W	14.650 lm	117	40°C	11,2 kg	1B1306
e8820/6 L240TB H55	174W	22.200 lm	128	55°C	17,2 kg	1B1307
e8820/6 L300TB	250W	29.300 lm	117	40°C	17,2 kg	1B1308
narrow beam (available in 2 versions: with 3 or 6 LED modules)						
e8820/3 L120T H55	87W	10.300 lm	118	55°C	11,2 kg	1B1309
e8820/3 L150T	125W	13.500 lm	108	40°C	11,2 kg	1B1310
e8820/6 L240T H55	174W	20.600 lm	118	55°C	17,2 kg	1B1311
e8820/6 L300T	250W	27.000 lm	108	40°C	17,2 kg	1B1312

### ACCESSORIES

Designation:	Type:
ROB 60/76 G2	  Pipe clamp fastening for direct pole mounting; galvanised steel
MAU 1 76/170 M10	  Pole top for single mounting, Ø 76 mm, galvanized steel
MAU 2 76/170 M10	  Pole top for double mounting, Ø 76 mm, galvanized steel

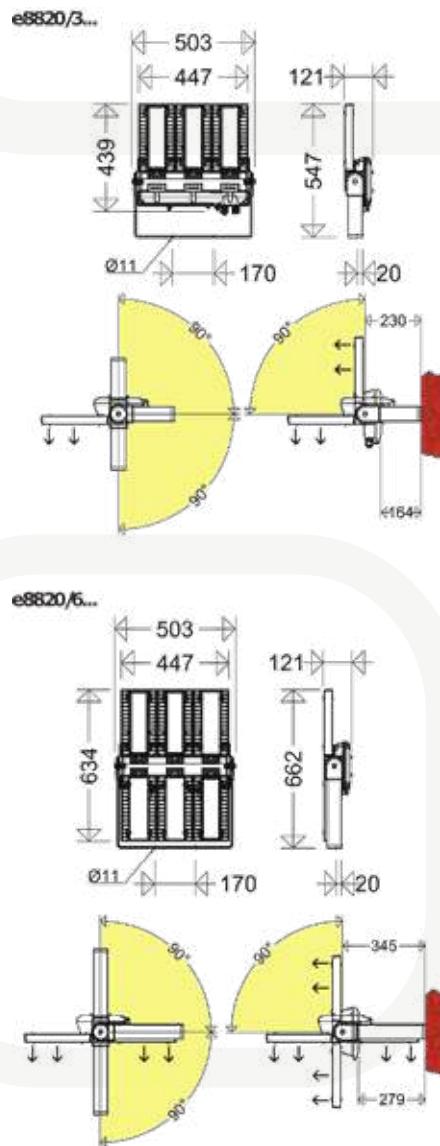
# LED FLOODLIGHT SERIES E8820 EXSTREAM

Zones 1, 2, 21, 22

Full catalogue available on our website: [www.inpratex.com](http://www.inpratex.com)

ITEM REFERENCES DIMD						
Designation:	Power:	Lumin. flux:	Efficacy lm/W:	T. max.:	Weight:	Item No.:
wide beam (available in 2 versions: with 3 or 6 LED modules)						
e8820/3 L120B H55 DIMD	87W	11.850 lm	136	55°C	11,2 kg	1B1301B
e8820/3 L150B DIMD	125W	15.800 lm	126	40°C	11,2 kg	1B1302B
e8820/6 L240B H55 DIMD	174W	23.700 lm	136	55°C	17,2 kg	1B1303B
e8820/6 L300B DIMD	250W	31.600 lm	126	40°C	17,2 kg	1B1304B
narrow wide beam (available in 2 versions: with 3 or 6 LED modules)						
e8820/3 L120TB H55 DIMD	87W	11.100 lm	128	55°C	11,2 kg	1B1305B
e8820/3 L150TB DIMD	125W	14.650 lm	117	40°C	11,2 kg	1B1306B
e8820/6 L240TB H55 DIMD	174W	22.200 lm	128	55°C	17,2 kg	1B1307B
e8820/6 L300TB DIMD	250W	29.300 lm	117	40°C	17,2 kg	1B1308B
narrow beam (available in 2 versions: with 3 or 6 LED modules)						
e8820/3 L120T H55 DIMD	87W	10.300 lm	118	55°C	11,2 kg	1B1309B
e8820/3 L150T DIMD	125W	13.500 lm	108	40°C	11,2 kg	1B1310B
e8820/6 L240T H55 DIMD	174W	20.600 lm	118	55°C	17,2 kg	1B1311B
e8820/6 L300T DIMD	250W	27.000 lm	108	40°C	17,2 kg	1B1312B

TECHNICAL SPECIFICATIONS	
Marking:	 II 2G Ex eb mb q IIC T4 Gb  II 2D Ex tb IIIC T100 °C Db
Certificate:	EU-Type Examination Certificate
Housing:	Die-cast aluminum, multi-part, thermally separated, powder-coated DB702 (mica-iron paint, grey)
LED housing:	With LED modules, optics and safety glass
Device housing:	With built-in control gear, wired ready for connection
Front cover:	Thermally resistant safety glass Impact resistance IK08
LED:	LED-module approx. 5,500K (TB- and B-optics) or approx. 6,500K (T-optics), CRI > 80, life cycle $L_{80} > 100.000\text{h}$ at max. ambient T, $L_{90} > 90.000\text{h}$ at 25°C ambient T.
Operating temperature:	-30°C up to +40°C/+55°C (see item tables)
Operating frequency:	0 or 50-60Hz
Rated voltage:	220 - 240V AC/DC overvoltage, overload and short circuit protection
Ingress protection:	IP66
Mounting:	Stainless steel bracket, adjustable in 5° steps around the longitudinal axis of the floodlight
Standard mounting:	Light beam downwards or horizontally
Connection:	5 poles, max. clampingrange 4mm <sup>2</sup>
Cable entries:	2xM25X1,5 (2 glands - one of them is plugged)



# BAT86 SERIES LED FLOODLIGHTS

Zones 1, 2, 21, 22

Full catalogue available on our website: [www.inpratex.com](http://www.inpratex.com)

## ATEX FLOODLIGHTS

## ZONES 1, 2 (gas) & 21, 22 (dust)

Explosion-proof LED floodlight for hazardous locations of Zones 1,2 (gas atmosphere) and 21,22 (dust atmosphere).Copper-free aluminium housing, powder coated surface (yellow RAL 1021).

Low-maintenance due to long service life is up to 100,000 operating hours.

Power factor  $\geq 0,95$

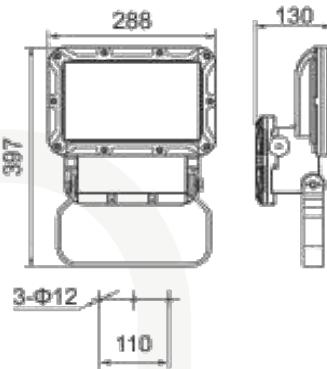


EU-Type Examination Certificate

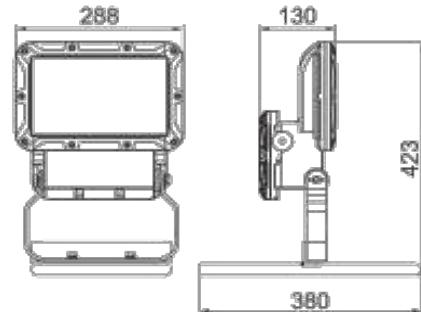
### BAT86 - 90 | FIXED TYPE OR BRACKET TYPE



G: fixed type



Y: bracket type



### ITEM REFERENCES BAT86-90...

Designation:	Power:	Luminous flux:	Temperature class:		Weight:	Item No.:
			-60°C $\leq$ Ta $\leq$ +40°C	-60°C $\leq$ Ta $\leq$ +60°C		
BAT86-90-60G	60W	6500 lm	T6/T80°C	T4/T130°C	6,7 kg	1B0811
BAT86-90-90G	90W	9550 lm	T6/T80°C	T4/T130°C	6,7 kg	1B0812
BAT86-90-60Y	60W	6500 lm	T6/T80°C	T4/T130°C	8,5 kg	1B0813
BAT86-90-90Y	90W	9550 lm	T6/T80°C	T4/T130°C	8,5 kg	1B0814

### TECHNICAL SPECIFICATIONS

Marking:	II 2G Ex db IIB+H2 T6...T4 Gb II 2D Ex tb IIIC T80°C...T130°C Db
Certificate:	EU-Type Examination Certificate
Operating temperature:	-60°C to +40°C - T6/T80°C   -60°C to +60°C - T4/T130°C
Operating conditions:	Indoor / Outdoor
Housing:	Copper-free aluminium alloy, powder coated surface (yellow RAL1021). Exposed fastener in stainless steel
Cover:	Toughened glass, stands 4J impact
Operating frequency:	50/60 Hz
Rated voltage:	100~277V AC
LED:	LED module, multiple LED, $R_a \geq 70$ , 5700K
Terminals:	3x1,5~4 mm <sup>2</sup> (L+N+PE)
Ingress protection:	IP66
Cable entries:	2xM25x1,5 (plugs included)

# BAT86 SERIES LED FLOODLIGHTS

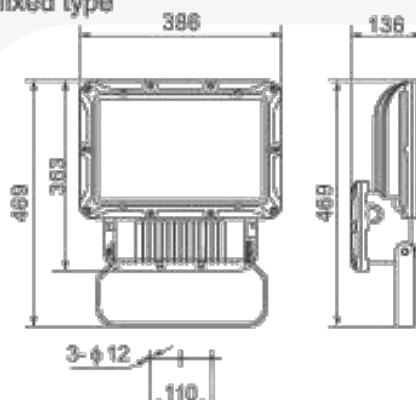
Zones 1, 2, 21, 22

Full catalogue available on our website: [www.inpratex.com](http://www.inpratex.com)

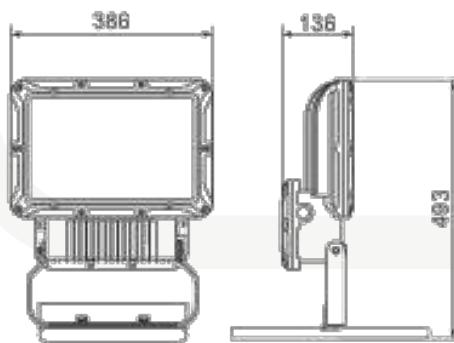
BAT86 - 160 | FIXED TYPE OR BRACKET TYPE



G: fixed type



Y: bracket type



## ITEM REFERENCES BAT86-160-...

Designation:	Power:	Luminous flux:	Temperature class:		Weight:	Item No.:
			-60°C ≤ Ta ≤ +40°C	-60°C ≤ Ta ≤ +60°C		
BAT86-160-120G	120W	14400 lm	T6/T80°C	T5/T95°C	13 kg	1B0801
BAT86-160-160G	160W	19800 lm	T6/T80°C	T5/T95°C	13 kg	1B0802
BAT86-160-120Y	120W	14400 lm	T6/T80°C	T5/T95°C	14,8 kg	1B0803
BAT86-160-160Y	160W	19800 lm	T6/T80°C	T5/T95°C	14,8 kg	1B0804

## TECHNICAL SPECIFICATIONS

Marking:	 
Certificate:	EU-Type Examination Certificate
Operating temperature:	-60°C to +40°C - T6/T80°C   -60°C to +60°C - T5/T95°C
Operating conditions:	Indoor / Outdoor
Housing:	Copper-free aluminium alloy, powder coated surface (yellow RAL1021). Exposed fastener in stainless steel
Cover:	Toughened glass, stands 4J impact
Operating frequency:	50/60 Hz
Rated voltage:	100~277 V AC
LED:	LED module, multiple LED, $R_a \geq 70$ , 5700K
Terminals:	3x1,5~4 mm <sup>2</sup> (L+N+PE)
Ingress protection:	IP66
Cable entries:	2xM25x1,5 (plugs included)

# BAT86 SERIES LED FLOODLIGHTS

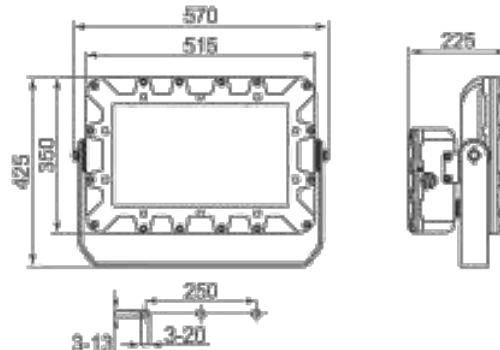
Zones 1, 2, 21, 22

Full catalogue available on our website: [www.inpratex.com](http://www.inpratex.com)

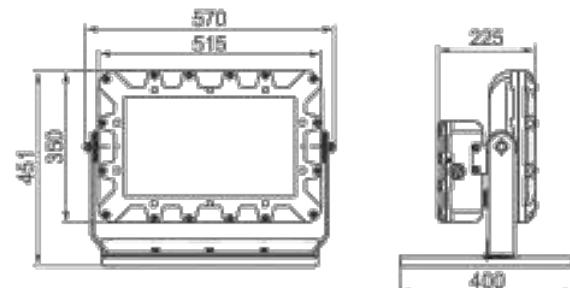
BAT86 - 240 | FIXED TYPE OR BRACKET TYPE



G: fixed type



Y: bracket type



## ITEM REFERENCES BAT86-240-...

Designation:	Power:	Luminous flux:	Temperature class:		Weight:	Item No.:
			-60°C ≤ Ta ≤ +40°C	-60°C ≤ Ta ≤ +60°C		
BAT86-240-200G	200W	23600 lm	T6/T80°C	T4/T130°C	28 kg	1B0806
BAT86-240-240G	240W	28400 lm	T6/T80°C	T4/T130°C	28 kg	1B0807
BAT86-240-200Y	200W	23600 lm	T6/T80°C	T4/T130°C	29,5 kg	1B0809
BAT86-240-240Y	240W	28400 lm	T6/T80°C	T4/T130°C	29,5 kg	1B0810

## TECHNICAL SPECIFICATIONS

Marking:	
Certificate:	EU-Type Examination Certificate
Operating temperature:	-60°C to +40°C - T6/T80°C   -60°C to +60°C - T4/T130°C
Operating conditions:	Indoor / Outdoor
Housing:	Copper-free aluminium alloy, powder coated surface (yellow RAL1021). Exposed fastener in stainless steel
Cover:	Toughened glass, stands 4J impact
Operating frequency:	50/60 Hz
Rated voltage:	100~277V AC
LED:	LED module, multiple LED, $R_a \geq 70$ , 5700K
Terminals:	3x1,5~4 mm <sup>2</sup> (L+N+PE)
Ingress protection:	IP66
Cable entries:	2xM25x1,5 (plugs included)

# EX FLOODLIGHT RFID - 110-220V

Zones 1, 2, 21, 22

Full catalogue available on our website: [www.inpratex.com](http://www.inpratex.com)

## ATEX FLOODLIGHTS

## ZONES 1, 2 (gas) & 21, 22 (dust)



Ex Floodlight RFID is an explosion-proof LED lighting solution designed for use in environments with explosive gas and dust atmospheres, offering a high level of protection. This innovative product introduces, for the first time in the market, an RFID tag integrated within the housing, storing all the product's data. This groundbreaking feature simplifies maintenance and inspection.

In addition to the RFID technology, the housing is equipped with Gorilla Glass, only 3-4mm thick, making the product lighter and more impact-resistant compared to similar products.

During the development of Ex Floodlight RFID, the primary focus was on delivering high lumen output to provide maximum lighting coverage for large areas.

This explosion-proof product comes with outstanding features, fully compliant with the highest safety standards (CENELEC norm HD63751). With a luminous flux of up to 20,000 lumens and a high level of protection, it ensures top-tier performance.

Unlike other lamps that simply retrofit LED technology into armored housings, Ex Floodlight RFID is a specially designed LED light source, featuring an extremely and reliable enclosure that also acts as a heat sink for efficient LED cooling. The integrated RFID system offers a smart technology solution, setting this product apart as a state-of-the-art innovation.



EU-Type Examination Certificate

### ITEM REFERENCES 60W

Designation:	Light distribution:	Power factor:	Luminous flux:	Temperature class:	Item No.:
Ex FloodLight 230V 60W 60° IIC	60°				1B1601A
Ex FloodLight 230V 60W 90° IIC	90°				1B1601B
Ex FloodLight 230V 60W 120° IIC	120°				1B1601C
Ex FloodLight 230V 60W T2M IIC	T2M				1B1601D
Ex FloodLight 230V 60W T3M IIC	T3M				1B1601E

### ITEM REFERENCES 80W

Designation:	Light distribution:	Power factor:	Luminous flux:	Temperature class:	Item No.:
Ex FloodLight 230V 80W 60° IIC	60°				1B1602A
Ex FloodLight 230V 80W 90° IIC	90°				1B1602B
Ex FloodLight 230V 80W 120° IIC	120°				1B1602C
Ex FloodLight 230V 80W T2M IIC	T2M				1B1602D
Ex FloodLight 230V 80W T3M IIC	T3M				1B1602E

### ITEM REFERENCES 100W

Designation:	Light distribution:	Power factor:	Luminous flux:	Temperature class:	Item No.:
Ex FloodLight 230V 100W 60° IIC	60°				1B1603A
Ex FloodLight 230V 100W 90° IIC	90°				1B1603B
Ex FloodLight 230V 100W 120° IIC	120°				1B1603C

### ITEM REFERENCES 120W

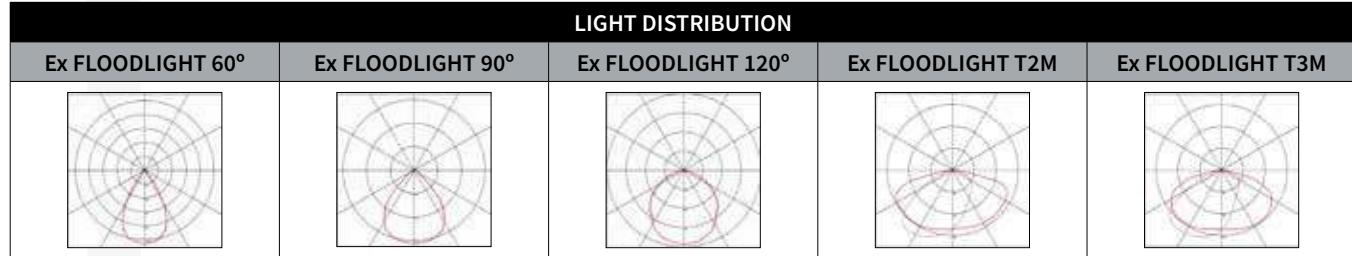
Designation:	Light distribution:	Power factor:	Luminous flux:	Temperature class:	Item No.:
Ex FloodLight 230V 120W 60° IIC	60°				1B1604A
Ex FloodLight 230V 120W 90° IIC	90°				1B1604B
Ex FloodLight 230V 120W 120° IIC	120°				1B1604C

# EX FLOODLIGHT RFID - 110-220V

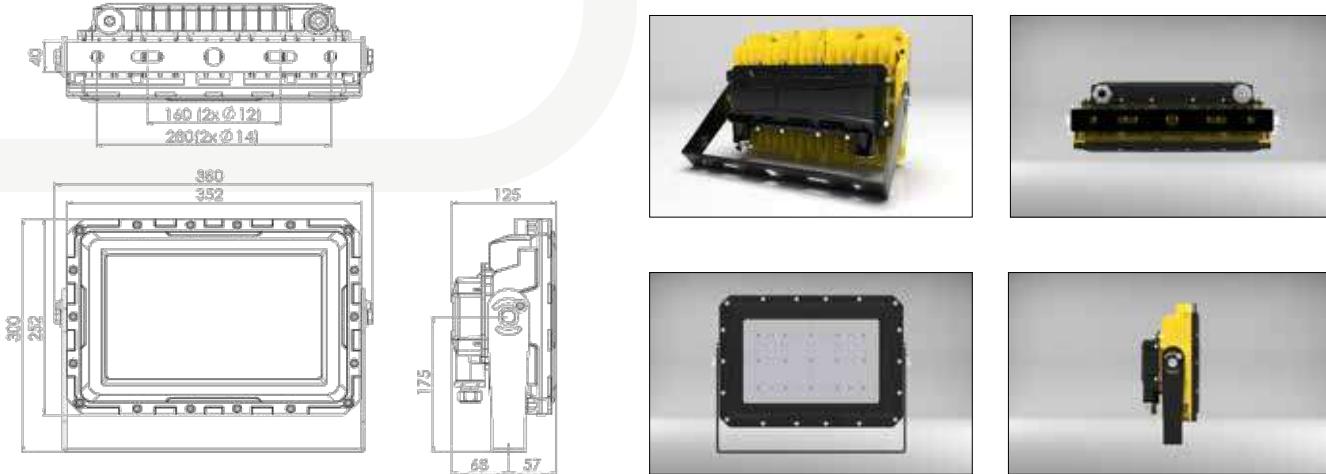
Zones 1, 2, 21, 22

Full catalogue available on our website: [www.inpratex.com](http://www.inpratex.com)

ITEM REFERENCES 140W					
Designation:	Light distribution:	Power factor:	Luminous flux:	Temperature class:	Item No.:
Ex FloodLight 230V 140W 60° IIC	60°	>0,96	~ 20100 lm	T5, T85°C / Ta:-20°C to +40°C T6, T80°C / Ta:-20°C to +50°C	1B1605A
Ex FloodLight 230V 140W 90° IIC	90°				1B1605B
Ex FloodLight 230V 140W 120°IIC	120°				1B1605C



TECHNICAL SPECIFICATIONS	
Marking 60W, 80W, 100W:	II 2G Ex db op is IIC T6 Gb II 2D Ex tb op is IIIC T85°C Db
Marking 120W, 140W:	II 2G Ex db op is IIC T5...T6 Gb II 2D Ex op is tb IIIC T85°C...T80°C Db
Certificate:	EU-Type Examination Certificate
Operating Voltage:	110 - 230 VAC
Housing:	Die cast aluminium, powder coated, tempered glass 10mm
Gasket:	Silicone gasket
Luminary efficacy:	~ 143 lm/W at 5000 K
LED:	~ 5000 K (other light colors are optional)   CRI: >80
Ingress protection:	IP66   IK08
Connection terminal:	L,N,PE max 3x2,5 mm <sup>2</sup> , external PE Terminal M5/4 mm <sup>2</sup>
Weight:	11,1 kg
Dimensions:	380 x 300 x 100 mm
Cable entries:	2xM20x1,5 (Cable glands / plugs non included)



ACCESSORIES					
Sketch:	Description:	Sketch:	Description:	Sketch:	Description:
	Ex Gland M20 ø6,5-11,9mm or ø10-14,3mm		Antistatic Protective Peel Off Foil		Ex Plug M20

# EX FLOODLIGHT RFID - 20-48V

Zones 1, 2, 21, 22

Full catalogue available on our website: [www.inpratex.com](http://www.inpratex.com)

## ATEX FLOODLIGHTS

## ZONES 1, 2 (gas) & 21, 22 (dust)



Ex Floodlight RFID is an explosion-proof LED lighting solution designed for use in environments with explosive gas and dust atmospheres, offering a high level of protection. This innovative product introduces, for the first time in the market, an RFID tag integrated within the housing, storing all the product's data. This groundbreaking feature simplifies maintenance and inspection.

In addition to the RFID technology, the housing is equipped with Gorilla Glass, only 3-4mm thick, making the product lighter and more impact-resistant compared to similar products.

During the development of Ex Floodlight RFID, the primary focus was on delivering high lumen output to provide maximum lighting coverage for large areas.

This explosion-proof product comes with outstanding features, fully compliant with the highest safety standards (CENELEC norm HD63751). With a luminous flux of up to 20,000 lumens and a high level of protection, it ensures top-tier performance.

Unlike other lamps that simply retrofit LED technology into armored housings, Ex Floodlight RFID is a specially designed LED light source, featuring an extremely and reliable enclosure that also acts as a heat sink for efficient LED cooling. The integrated RFID system offers a smart technology solution, setting this product apart as a state-of-the-art innovation.



EU-Type Examination Certificate

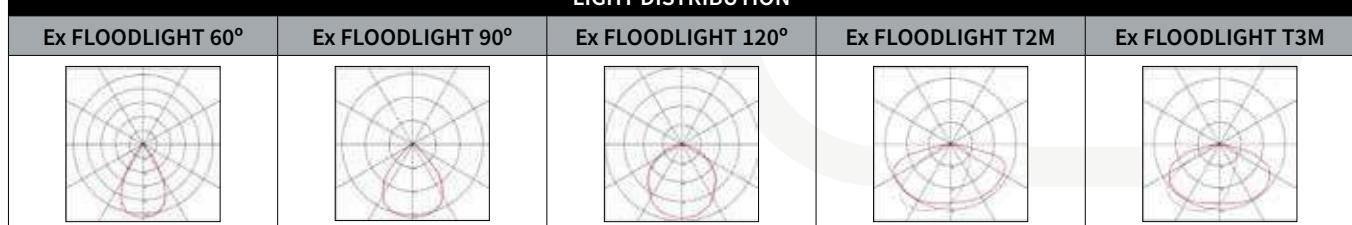
### ITEM REFERENCES 60W

Designation:	Light distribution:	Nominal voltage:	Operating voltage:	Luminous flux:	Luminary efficacy:	Item No.:
Ex FloodLight 24V 60W 60° IIC	60°	24 VAC	20 - 28 VAC	~ 7500 lm	~ 125 lm/W at 5000 K	1B1606A
Ex FloodLight 24V 60W 90° IIC	90°					1B1606B
Ex FloodLight 24V 60W 120° IIC	120°					1B1606C
Ex FloodLight 24V 60W T2M IIC	T2M					1B1606D
Ex FloodLight 24V 60W T3M IIC	T3M					1B1606E

### ITEM REFERENCES 100W

Designation:	Light distribution:	Nominal voltage:	Operating voltage:	Luminous flux:	Luminary efficacy:	Item No.:
Ex FloodLight 24V 80W 60° IIC	60°	42 VAC	36 - 48 VAC	~ 13500 lm	~ 135 lm/W at 5000 K	1B1607A
Ex FloodLight 24V 80W 90° IIC	90°					1B1607B
Ex FloodLight 24V 80W 120° IIC	120°					1B1607C

### LIGHT DISTRIBUTION

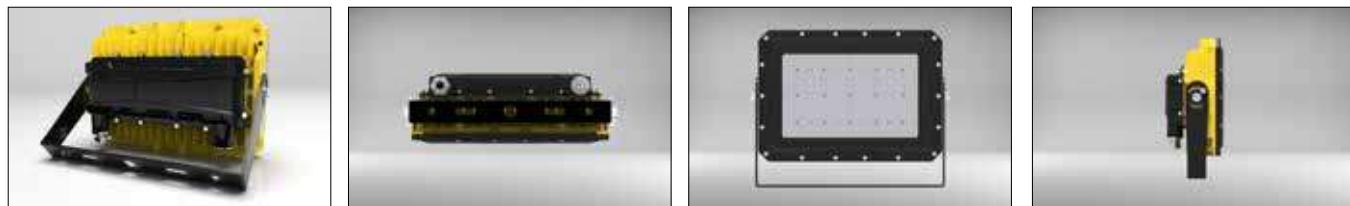
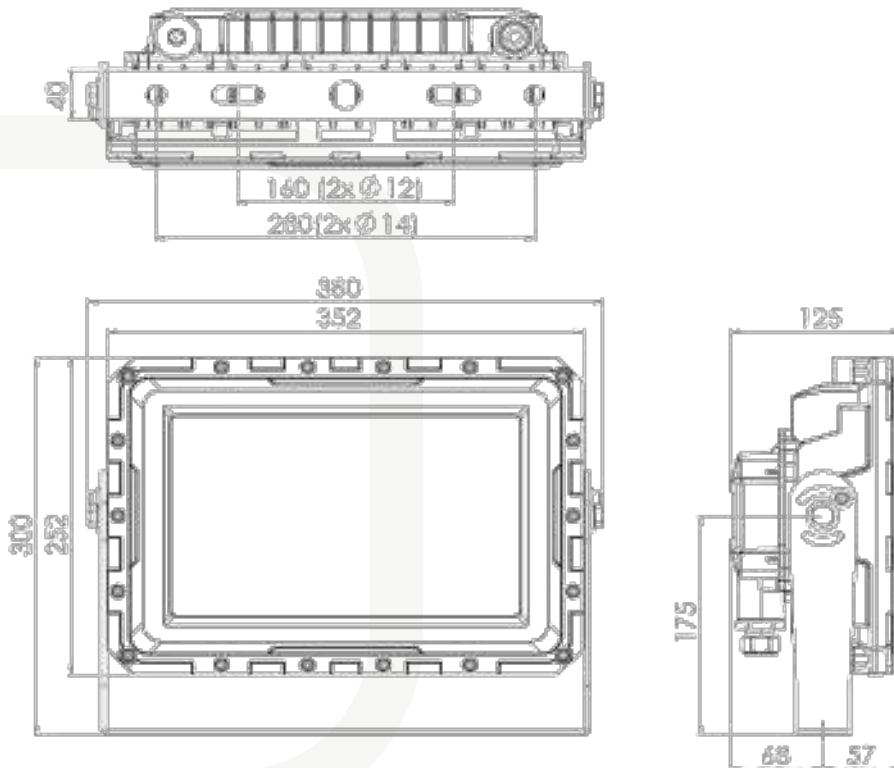


# EX FLOODLIGHT RFID - 20-48V

Zones 1, 2, 21, 22

Full catalogue available on our website: [www.inpratex.com](http://www.inpratex.com)

TECHNICAL SPECIFICATIONS	
Marking:	Ex II 2G Ex db op is IIC T6 Gb Ex II 2D Ex tb op is IIIC T85°C Db
Certificate:	EU-Type Examination Certificate
Housing:	Die cast aluminium, powder coated, tempered glass 10mm
Gasket:	Silicone gasket
LED:	~ 5000 K (other light colors are optional)   CRI: >80
Ingress protection:	IP66   IK08
Connection terminal:	L,N,PE max 3x2,5 mm <sup>2</sup> , external PE Terminal M5/4 mm <sup>2</sup>
Weight:	11,1 kg
Dimensions:	380 x 300 x 100 mm
Cable entries:	2xM20x1,5 (Cable glands / plugs non included)



## ACCESSORIES

Sketch:	Description:	Sketch:	Description:	Sketch:	Description:
	Ex Gland M20 Ø6,5-11,9mm or Ø10-14,3mm		Antistatic Protective Peel Off Foil		Ex Plug M20

# BDD95 SERIES LED LIGHTINGS

Zones 1, 2, 21, 22

Full catalogue available on our website: [www.inpratex.com](http://www.inpratex.com)

1  
LIGHTING

ATEX LIGHTING FIXTURES

ZONES 1, 2 (gas) & 21, 22 (dust)



Explosion-proof LED lighting certified for hazardous locations.  
Can be used as a floodlight or as a suspended light fixture.

Copper-free aluminium cover, powder coated surface (yellow RAL 1021).  
Different mounting methods (bracket type or hook type).



EU-Type Examination Certificate

ITEM REFERENCES					
Designation:	Lamp:	Luminous flux:	Mounting methods:	Weight:	Item No.:
BDD95-90-60K	60 W	6730 lm	Bracket	8,50 kg	1A3201
BDD95-90-90K	90 W	10120 lm	Bracket	8,50 kg	1A3202
BDD95-160-120K	120 W	13420 lm	Bracket	12,20 kg	1A3203
BDD95-160-160K	160 W	17930 lm	Bracket	12,20 kg	1A3204
BDD95-90-60D	60 W	6730 lm	Hook (carbon steel)	8,10 kg	1A3205
BDD95-90-90D	90 W	10120 lm	Hook (carbon steel)	8,10 kg	1A3206
BDD95-160-120D	120 W	13420 lm	Hook (carbon steel)	11,60 kg	1A3207
BDD95-160-160D	160 W	17930 lm	Hook (carbon steel)	11,60 kg	1A3208

## TECHNICAL SPECIFICATIONS

### Marking:

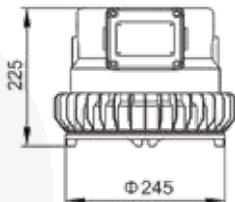
Power 60W	Ex II 2G Ex db eb op is IIC T67°C (T6) Gb; II 2D Ex op is tb IIIC T62°C Db (-40°C ≤Ta≤ +40°C) Ex II 2G Ex db eb op is IIC T82°C (T6) Gb; II 2D Ex op is tb IIIC T77°C Db (-40°C ≤Ta≤ +55°C)
Power 90W	Ex II 2G Ex db eb op is IIC T87°C (T5) Gb; II 2D Ex op is tb IIIC T82°C Db (-40°C ≤Ta≤ +40°C) Ex II 2G Ex db eb op is IIC T102°C (T4) Gb; II 2D Ex op is tb IIIC T97°C Db (-40°C ≤Ta≤ +55°C)
Power 120W	Ex II 2G Ex db eb op is IIC T72°C (T6) Gb; II 2D Ex op is tb IIIC T67°C Db (-40°C ≤Ta≤ +40°C) Ex II 2G Ex db eb op is IIC T87°C (T5) Gb; II 2D Ex op is tb IIIC T82°C Db (-40°C ≤Ta≤ +55°C)
Power 160W	Ex II 2G Ex db eb op is IIC T92°C (T5) Gb; II 2D Ex op is tb IIIC T87°C Db (-40°C ≤Ta≤ +40°C) Ex II 2G Ex db eb op is IIC T107°C (T4) Gb; II 2D Ex op is tb IIIC T102°C Db (-40°C ≤Ta≤ +55°C)
Certificate:	EU-Type Examination Certificate
Operating temperature:	-40°C to +55°C
Housing:	Copper-free aluminium alloy, powder coated surface, yellow RAL1021. Exposed fastener in stainless steel
Glass cover:	Toughened glass, stands 4J impact
LED:	Integrated, multiple LED, 5700K. $R_a \geq 80$ . Power factor $\geq 0,95$
Rated voltage:	100-300 VAC, 50/60 Hz
Ingress protection:	IP66
Connection:	3x1,5~4 mm <sup>2</sup> (L+N+PE)
Earthing protection:	M5 (internal & external earth bolts)
Mounting:	Bracket type (K) or hook type (D)
Cable entries:	2xM25x1,5 (plugs included)

# BDD95 SERIES LED LIGHTINGS

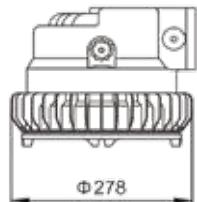
## Zones 1, 2, 21, 22

Full catalogue available on our website: [www.inpratex.com](http://www.inpratex.com)

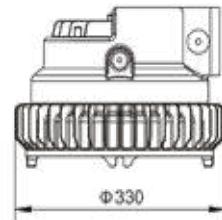
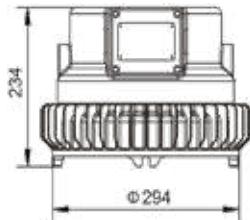
## DIMENSIONS



BDD95-90

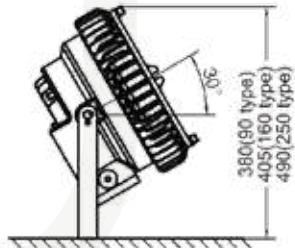
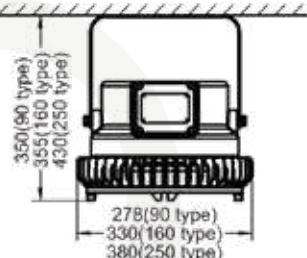
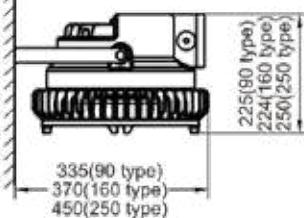
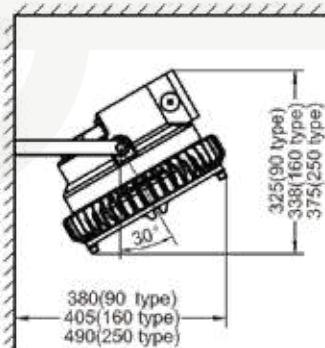


BDD95-160

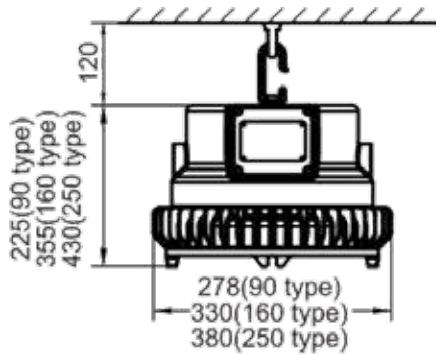


#### Mounting Type

### Bracket type:



Hook type:



# BAK85 LED FLOODLIGHT

Zones 1, 2, 21, 22

Full catalogue available on our website: [www.inpratex.com](http://www.inpratex.com)

## ATEX FLOODLIGHTS

## ZONES 1, 2 (gas) and 21, 22 (dust)



Compact and handy ATEX floodlight certified for hazardous areas.

Enclosure in copper-free aluminium (yellow RAL 1021).

Toughened glass cover, stands 4J impact.



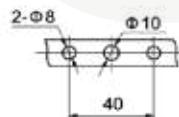
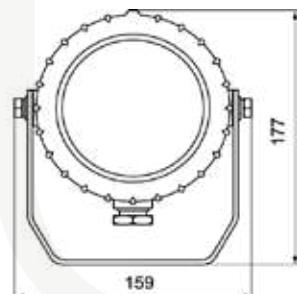
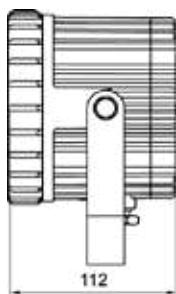
EU-Type Examination Certificate

### ITEM REFERENCES

Designation:	Power:	Luminous flux:	Rated voltage:	Item No.:
BAK85-9/277	9 W	912 lm	100~277V AC / 50/60 Hz	1H0301
BAK85-9/48	9 W	912 lm	24V DC	1H0302

### TECHNICAL SPECIFICATIONS

Marking:	Ex II 2G Ex db op is IIC T6 Gb Ex II 2D Ex tb op is IIIC T80°C Db
Certificate:	EU-Type Examination Certificate
Housing:	Copper-free aluminium. Exposed fastener in stainless steel
Cover:	Toughened glass cover, stands 4J impact
LED:	5700 K
Operating conditions:	-40°C to +55°C
Ingress protection:	IP66/IP67
Connection:	3 terminals 1,5~2,5 mm <sup>2</sup> (L+N+PE)
Power factor:	≥ 0,95
Earthing protection:	M5 internal & external earth bolts
Weight:	2,20 kg
Cable entries:	1xM20x1,5 Supplied with seal gasket and gland nut. Applicable cable outer diameter Ø6 ~ Ø12 mm



# LED FLOODLIGHT SERIES ND8700

Zones 2, 22

Full catalogue available on our website: [www.inpratex.com](http://www.inpratex.com)

## ATEX FLOODLIGHTS

## ZONES 2 (gas) & 22 (dust)



LED Floodlight / plane surface floodlight for hazardous locations of Zones 2 (gas atmosphere) and 22 (dust atmosphere), stockyards, building sites, open-air grounds, chemical and petrochemical areas, etc.

Housing and glass retaining frame made from diecast aluminium. Thermal safety glass, impact resistance IK10.

Lens optics:

Wide, narrow-wide, narrow, or asymmetric light distribution.

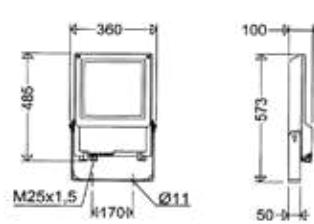
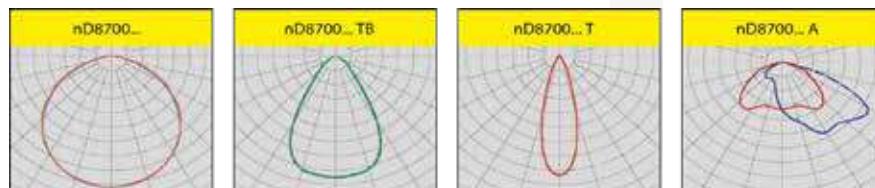
Options: dimmable via DALI-interface (DIMD)



Declaration of Conformity

### ITEM REFERENCES

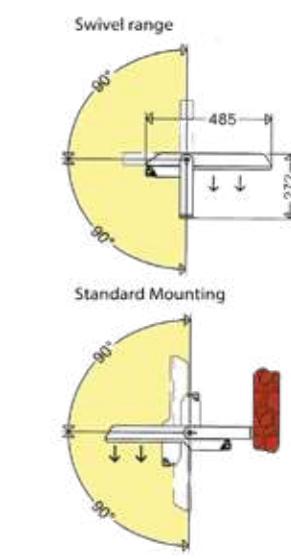
Designation:	Power:	Lumin. flux (lm):	Efficacy lm/W:	Weight (kg):	Item No.:
wide beam					
nD8700 4803	106W	15.200	143	9,7	1B1101
nD8700 6403	140W	20.000	143	9,7	1B1102
narrow wide beam					
nD8700 4803TB	106W	15.200	143	9,7	1B1103
nD8700 6403TB	140W	20.000	143	9,7	1B1104
narrow beam					
nD8700 4803T	106W	15.200	143	9,7	1B1105
nD8700 6403T	140W	20.000	143	9,7	1B1106
asymmetrical beam (plane surface floodlight)					
nD8700 4803A	106W	15.200	143	9,7	1B1107
nD8700 6403A	140W	20.000	143	9,7	1B1108



### TECHNICAL SPECIFICATIONS

Marking:	II 3G Ex nR IIC T4 Gc II 3D Ex tc IIIC T100°C Dc
Certificate:	Declaration of Conformity
Housing:	Diecast aluminium, DB 702 (mica-iron paint)
Cover:	Flat safety glass pane, impact resistance IK10
LED:	Zhaga compliant 4,000K, $R_a > 70$ $L_{90} > 100.000h$ at max. ambient temperature
Operating temperature:	-30°C to +40°C
Operating frequency:	50/60 Hz
Rated voltage:	220/240V *
Ingress protection:	IP66
Connection:	3-pole terminal max. clamping range 2,5mm²
Cable entries:	1xM20X1,5 plastic cable gland

\* Due to the inrush current of the electronic ballasts, the maximum permissible number of light fittings per circuit breaker is limited. Surge voltage resistance 10kV, excess temperature protection, overload and short circuit protection, temperature monitoring of the LED modules.



# LED FLOODLIGHT SERIES ND8800

Zones 2, 22

Full catalogue available on our website: [www.inpratex.com](http://www.inpratex.com)

## ATEX FLOODLIGHTS

## ZONES 2 (gas) & 22 (dust)



LED Floodlight / plane surface floodlight for hazardous locations of Zones 2 (gas atmosphere) and 22 (dust atmosphere), stockyards, building sites, open-air grounds, chemical and petrochemical areas, etc.

Housing and glass retaining frame made from diecast aluminium.

Thermal safety glass (IK09).

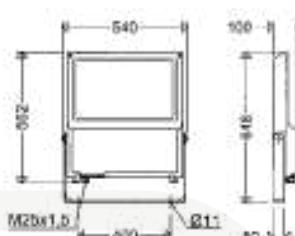
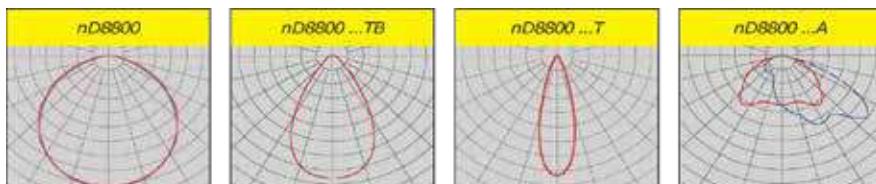


Options: dimmable via DALI-interface (DIMD)

Declaration of Conformity

### ITEM REFERENCES

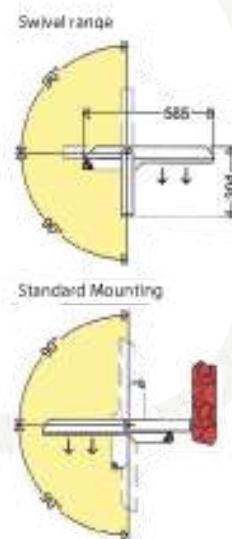
Designation:	Power:	Lumin. flux (lm):	Efficacy lm/W:	Weight (kg):	Item No.:
wide beam					
nD8800 6403	140W	20.500	146	15,9	1B1001
nD8800 12803	280W	39.500	141	17,1	1B1002
narrow wide beam					
nD8800 6403TB	140W	20.500	146	15,9	1B1003
nD8800 12802TB	280W	39.500	141	17,2	1B1004
narrow beam					
nD8800 6403T	140W	20.500	146	15,9	1B1005
nD8800 12802T	280W	39.500	141	17,2	1B1006
asymmetrical beam (plane surface floodlight)					
nD8800 6403A	140W	20.500	146	15,9	1B1007
nD8800 12802A	280W	39.500	141	17,2	1B1008



### TECHNICAL SPECIFICATIONS

Marking:	
Certificate:	Declaration of Conformity
Housing:	Diecast aluminium, DB 702 (mica-iron paint)
Cover:	Thermal safety glass, impact resistance IK09
LED:	Zhaga compliant 4,000K, $R_a > 70$ $L_{90} > 100.000h$ at max. ambient temperature
Operating temperature:	-30°C to +40°C
Operating frequency:	50/60 Hz
Rated voltage:	220/240V *
Ingress protection:	IP66
Connection:	3-pole terminal, max. clamping range 2,5mm <sup>2</sup>
Cable entries:	1xM25X1,5 plastic cable gland

\* Due to the inrush current of the electronic ballasts, the maximum permissible number of light fittings per circuit breaker is limited. Surge voltage resistance 10kV, excess temperature protection, overload and short circuit protection, temperature monitoring of the LED modules.



# AR-040 SPOTLED

Zones 2, 22

Full catalogue available on our website: [www.inpratex.com](http://www.inpratex.com)

## ATEX FLOODLIGHTS

## ZONES 2 (gas) & 22 (dust)



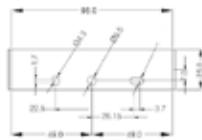
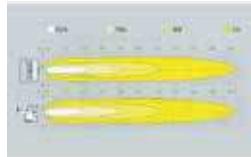
The AR-040 explosion-safe SpotLED combines high-performance and energy-efficiency with state-of-the-art LED technology, making it suitable for a wide range of applications. The robust SpotLED can successfully be applied on construction sites, transport vehicles, forklifts, lathes, or milling machines or for the illumination of facades.

The SpotLED is available with LED optics with an angle of 10° (spotlight), 38° (wide-angle light), or a combination of both (work light). The cable has a standard length of 5 meters. Due to the stainless steel bracket and the large 155° rotation angle, the SpotLED is suitable for mounting against walls or sloping surfaces.

The ATEX AR-040 SpotLED is certified in accordance with European Directive 2014/34/EU for use in hazardous areas and is CE marked.



Declaration of Conformity

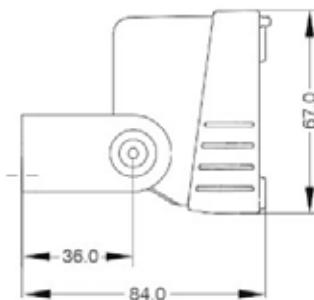
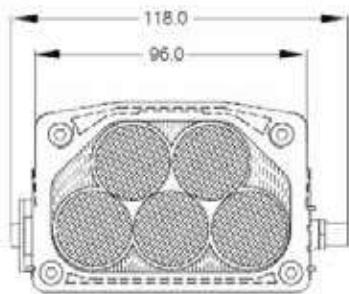


### ITEM REFERENCES

Designation:	LED Optics:	Item No.:
AR-040/100	5 x 38°	1H0401
AR-040/110	5 x 10°	1H0402
AR-040/120	3 x 10° / 2 x 38°	1H0403

### TECHNICAL SPECIFICATIONS

Marking:	II 3G Ex ec IIC T4 Gc II 3D Ex tc IIIC T135°C Dc
Certificate:	Declaration of Conformity
Power supply:	12 - 30 VDC
Power consumption:	500 mA @ 24 VDC, 950 mA @ 12 VDC
Light source:	Cree 3 Watt PowerLEDs (5x), 780 Lumen
Beam angles:	10° - 38° (depending on the optics used)
Light color:	Neutral white (~6700 K)
Rotation angle:	-50° to +105°
Material:	Die cast aluminum housing and stainless steel bracket, RAL 7001, silver gray Polycarbonate impact-resistant safety glass
Ingress protection level:	IP67 according to EN 60529
Electrical connection:	Fixed cable, length 5 meters (brown = +24 VDC, white = 0 V, green = ground / earth)
Ambient temperature:	-30°C to +50°C
Dimensions:	120 x 62 x 87 mm
Weight:	540 gr



# LED HIGH BAY LIGHT FITTINGS SERIES E8825 EXSTREAM

Zones 1, 2, 21, 22

Full catalogue available on our website: [www.inpratex.com](http://www.inpratex.com)

1  
LIGHTING  
C  
x

## ATEX PENDANT LIGHT FITTINGS

ZONES 1, 2 (gas) & 21, 22 (dust)

Robust, highly efficient and extremely durable, these are the outstanding properties of the explosion-proof LED floodlight series ExSTREAM. A cooling rib structure that completely encloses each housing segment characterises the design of the Ex light fitting.

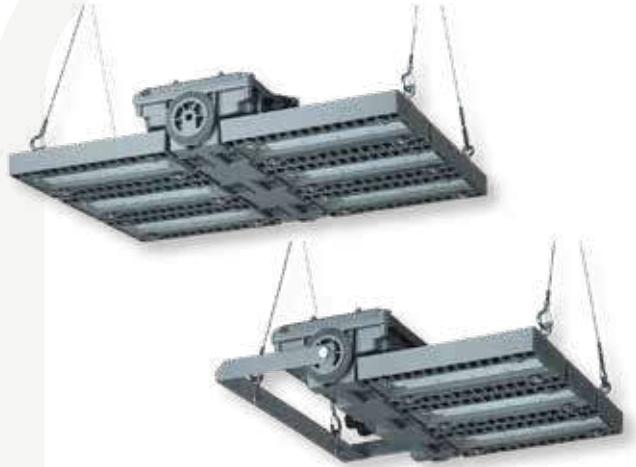
The result is an excellent heat dissipation, supported by a good convection and thus additional cooling of each luminaire segment. Along with high-quality LEDs and electronic ballasts, these are the best prerequisites for a long service life, even at high temperatures.

Thanks to the modular structure, the user can choose the required luminous flux for his project and can therefore efficiently replace conventional luminaires with high pressure sodium vapor lamps up to at least 400W.

The ease of assembly and maintenance were also the focus of the development of the ExSTREAM.

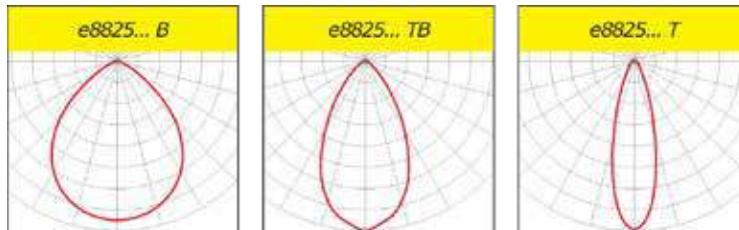
The large connection space with two cable entries not only enables comfortable electrical connection, but also cost-saving in and out wiring without additional junction boxes.

It can be attached to the ceiling using Y steel cables or brackets.



EU-Type Examination Certificate

Option: for ambient temperatures down to -40°C



ITEM REFERENCES						
Designation:	Power:	Lumin. flux:	Efficacy lm/W:	T. max.	Weight:	Item No.:
wide beam (available in 2 versions: with 3 or 6 LED modules)						
e8825/3 L120B H55	87W	11.850 lm	136	55°C	8,8 kg	1B1313
e8825/3 L150B	125W	15.800 lm	126	40°C	8,8 kg	1B1314
e8825/6 L240B H55	174W	23.700 lm	136	55°C	13,5 kg	1B1315
e8825/6 L300B	250W	31.600 lm	126	40°C	13,5 kg	1B1316
narrow wide beam (available in 2 versions: with 3 or 6 LED modules)						
e8825/3 L120TB H55	87W	11.100 lm	128	55°C	8,8 kg	1B1317
e8825/3 L150TB	125W	14.650 lm	117	40°C	8,8 kg	1B1318
e8825/6 L240TB H55	174W	22.200 lm	128	55°C	13,5 kg	1B1319
e8825/6 L300TB	250W	29.300 lm	117	40°C	13,5 kg	1B1320
narrow beam (available in 2 versions: with 3 or 6 LED modules)						
e8825/3 L120T H55	87W	10.300 lm	118	55°C	8,8 kg	1B1321
e8825/3 L150T	125W	13.500 lm	108	40°C	8,8 kg	1B1322
e8825/6 L240T H55	174W	20.600 lm	118	55°C	13,5 kg	1B1323
e8825/6 L300T	250W	27.000 lm	108	40°C	13,5 kg	1B1324

# LED HIGH BAY LIGHT FITTINGS SERIES E8825 EXSTREAM

Zones 1, 2, 21, 22

Full catalogue available on our website: [www.inpratex.com](http://www.inpratex.com)

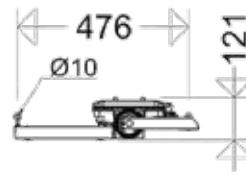
ITEM REFERENCES DIMD						
Designation:	Power:	Lumin. flux:	Efficacy lm/W:	T. max.	Weight:	Item No.:
wide beam (available in 2 versions: with 3 or 6 LED modules)						
e8825/3 L120B H55 DIMD	87W	11.850 lm	136	55°C	8,8 kg	1B1313B
e8825/3 L150B DIMD	125W	15.800 lm	126	40°C	8,8 kg	1B1314B
e8825/6 L240B H55 DIMD	174W	23.700 lm	136	55°C	13,5 kg	1B1315B
e8825/6 L300B DIMD	250W	31.600 lm	126	40°C	13,5 kg	1B1316B
narrow wide beam (available in 2 versions: with 3 or 6 LED modules)						
e8825/3 L120TB H55 DIMD	87W	11.100 lm	128	55°C	8,8 kg	1B1317B
e8825/3 L150TB DIMD	125W	14.650 lm	117	40°C	8,8 kg	1B1318B
e8825/6 L240TB H55 DIMD	174W	22.200 lm	128	55°C	13,5 kg	1B1319B
e8825/6 L300TB DIMD	250W	29.300 lm	117	40°C	13,5 kg	1B1320B
narrow beam (available in 2 versions: with 3 or 6 LED modules)						
e8825/3 L120T H55 DIMD	87W	10.300 lm	118	55°C	8,8 kg	1B1321B
e8825/3 L150T DIMD	125W	13.500 lm	108	40°C	8,8 kg	1B1322B
e8825/6 L240T H55 DIMD	174W	20.600 lm	118	55°C	13,5 kg	1B1323B
e8825/6 L300T DIMD	250W	27.000 lm	108	40°C	13,5 kg	1B1324B

ACCESSORIES	
Designation:	Type:
3301/3302 Y P	1 pair of Y-ropes, (2-point-mounting) For indoor use only.
DW 8825 P	1 pair of ceiling brackets steel, powder-coated DB 702

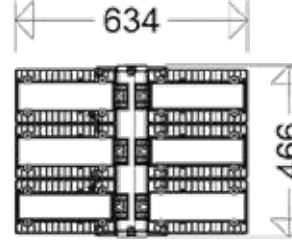
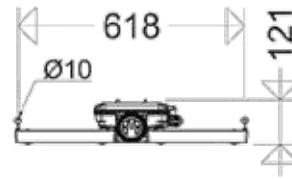
TECHNICAL SPECIFICATIONS	
Marking:	 II 2G Ex eb mb q IIC T4 Gb  II 2D Ex tb IIIC T100 °C Db
Certificate:	EU-Type Examination Certificate
Operating temperature:	-30°C up to +40°C/+55°C (see item tables)
Housing:	Die-cast aluminum, multi-part, thermally separated, powder-coated DB702 (mica-iron paint, grey)
LED housing:	With LED modules, optics and safety glass
Device housing:	With built-in control gear, wired ready for connection
Front cover:	Thermally resistant safety glass Impact resistance IK08
LED:	LED-module approx. 5,500K (TB- and B-optics) or approx. 6,500K (T-optics) , CRI > 80, service life $L_{80} > 100.000$ h at max. ambient T, $L_{90} > 90.000$ h at 25°C ambient T.
Optics:	Lens optics with narrow, narrow-wide or wide beam light distribution, Multi-Layer technology.
Operating frequency:	0 or 50-60Hz
Rated voltage:	220 - 240V AC/DC overvoltage, overload and short circuit protection
Ingress protection:	IP66
Mounting:	See accessories (4 eyelets included)
Connection:	5 poles, max. clamping range 4mm <sup>2</sup>
Cable entries:	2xM25X1,5 (2 cable glands - one of them is plugged)

\* Due to the inrush current of the electronic ballasts, the maximum permissible number of light fittings per circuit breaker is limited.

e8825/3...



e8825/6...



# LED HIGH BAY LIGHT FITTINGS SERIES ND8301/ND8302

Zones 2, 22

Full catalogue available on our website: [www.inpratex.com](http://www.inpratex.com)

## ATEX PENDANT LIGHT FITTINGS

## ZONES 2 (gas) & 22 (dust)

Explosion-proof LED high bay light fittings certified for hazardous locations, of Zones 2 (gas atmosphere) and 22 (dust atmosphere), for production halls and warehouses, in industrial sectors, workshops and chemical factories, etc.

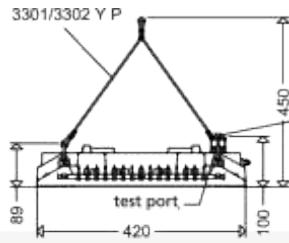
Two versions are available: 1 or 2 LED wings for substitution of 250W / 400W high pressure discharge lamps.



Declaration of Conformity

DALI interface (standard) for dimmed operation.

Note: Suitable for indoor use only.



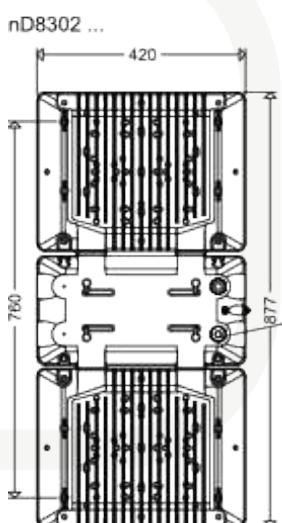
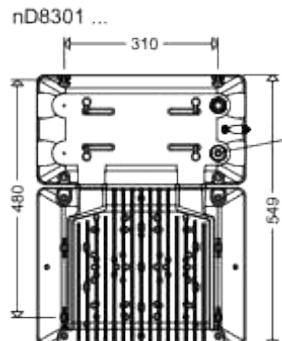
### TECHNICAL SPECIFICATIONS

Marking:	
Certificate:	Declaration of Conformity
Housing:	Diecast aluminum, DB 702N (mica-iron paint)
Cover:	Tempered safety glass (IK08)
LED:	LED Module 4,000K, CRI >80, L <sub>70</sub> > 100.000h ambient temperature ≤ 50° L <sub>70</sub> > 90.000h ambient temperature >50° L <sub>80</sub> > 100,000h ambient temperature 25°C L <sub>80</sub> > 60,000h at max. ambient T.
Operating temperature:	-20°C to +40°C / +50°C / +60°C
Operating frequency:	50/60 Hz
Rated voltage:	220/240V AC*
DALI:	Digital dimming with DALI interface (DIDM) compatible with LIMAS Line BASIC/PRO Light Management Systems
Ingress protection:	IP65
Connection:	3 poles up to 2,5 mm <sup>2</sup>
Cable entries:	1xM25X1,5 plastic cable gland

\* Due to the inrush current of the electronic ballasts, the maximum permissible number of light fittings per circuit breaker is limited. surge voltage resistance 4kV, excess temperature protection, overload and short circuit protection.

### ACCESSORIES

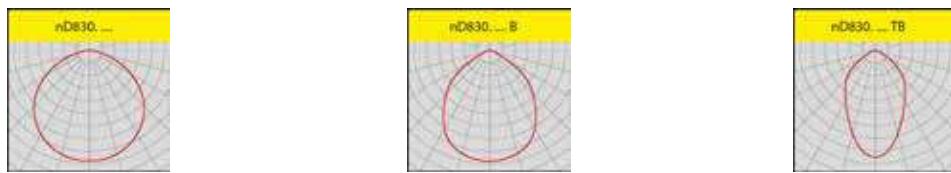
Type:	Designation:
3301/3302 Y P	1 pair of Y-ropes, (2-point-mounting)
3301/3302 DBF	1 pair of angle brackets for direct ceiling mounting



# LED HIGH BAY LIGHT FITTINGS SERIES ND8301/ND8302

Zones 2, 22

Full catalogue available on our website: [www.inpratex.com](http://www.inpratex.com)



## ITEM REFERENCES

Designation:	Power:	Substitute for:*	Luminous flux:	Luminous efficacy:	T. Max:	Weight:	Item No.:
<b>1 LED wing</b>							
nD8301 L110	67 W	HME 250	10800 lm	161 lm/W	40 °C	8,9 kg	1B0911
nD8301 L160	96 W	HIT 250 / HME 400	15000 lm	156 lm/W	40 °C	8,9 kg	1B0912
nD8301 L210	135 W	HIE 400	20200 lm	150 lm/W	40 °C	8,9 kg	1B0913
nD8301 L110B	67 W	HME 250	10800 lm	161 lm/W	40 °C	9,2 kg	1B0914
nD8301 L160B	96 W	HIT 250 / HME 400	15000 lm	156 lm/W	40 °C	9,2 kg	1B0915
nD8301 L210B	135 W	HIE 400	20200 lm	150 lm/W	40 °C	9,2 kg	1B0916
nD8301 L110TB	67 W	HME 250	10800 lm	161 lm/W	40 °C	9,2 kg	1B0917
nD8301 L160TB	96 W	HIT 250 / HME 400	15000 lm	156 lm/W	40 °C	9,2 kg	1B0918
nD8301 L210TB	135 W	HIE 400	20200 lm	150 lm/W	40 °C	9,2 kg	1B0919
<b>2 LED wing</b>							
nD8302 L320	192 W	HIT 400	30000 lm	156 lm/W	40 °C	14,5 kg	1B0920
nD8302 L420	270 W	2 x HIE 400	40400 lm	150 lm/W	40 °C	14,5 kg	1B0921
nD8302 L320B	192 W	HIT 400	30000 lm	156 lm/W	40 °C	14,6 kg	1B0922
nD8302 L420B	270 W	2 x HIE 400	40400 lm	150 lm/W	40 °C	14,6 kg	1B0923
nD8302 L320TB	192 W	HIT 400	30000 lm	156 lm/W	40 °C	14,6 kg	1B0924
nD8302 L420TB	270 W	2 x HIE 400	40400 lm	150 lm/W	40 °C	14,6 kg	1B0925
For ambient temperatures up to +50°C							
<b>1 LED wing</b>							
nD8301 L110 H50	67 W	HME 250	10800 lm	161 lm/W	50 °C	8,9 kg	1B0926
nD8301 L160 H50	96 W	HIT 250 / HME 400	15000 lm	156 lm/W	50 °C	8,9 kg	1B0927
nD8301 L110B H50	67 W	HME 250	10800 lm	161 lm/W	50 °C	8,9 kg	1B0928
nD8301 L160B H50	96 W	HIT 250 / HME 400	15000 lm	156 lm/W	50 °C	8,9 kg	1B0929
nD8301 L110TB H50	67 W	HME 250	10800 lm	161 lm/W	50 °C	8,9 kg	1B0930
nD8301 L160TB H50	96 W	HIT 250 / HME 400	15000 lm	156 lm/W	50 °C	8,9 kg	1B0931
<b>2 LED wing</b>							
nD8302 L220 H50	134 W	HIE 400	21600 lm	161 lm/W	50 °C	14,5 kg	1B0932
nD8302 L320 H50	192 W	HIT 400	30000 lm	156 lm/W	50 °C	14,5 kg	1B0933
nD8302 L220B H50	134 W	HIE 400	21600 lm	161 lm/W	50 °C	14,6 kg	1B0934
nD8302 L320B H50	192 W	HIT 400	30000 lm	156 lm/W	50 °C	14,5 kg	1B0935
nD8302 L220TB H50	134 W	HIE 400	21600 lm	161 lm/W	50 °C	14,6 kg	1B0936
nD8302 L320TB H50	192 W	HIT 400	30000 lm	156 lm/W	50 °C	14,5 kg	1B0937
For ambient temperatures up to +60°C							
<b>1 LED wing</b>							
nD8301 L110 H60	67 W	HME 250	10800 lm	161 lm/W	60 °C	8,9 kg	1B0938
nD8301 L160 H60	96 W	HIT 250 / HME 400	15000 lm	156 lm/W	60 °C	8,9 kg	1B0939
nD8301 L110B H60	67 W	HME 250	10800 lm	161 lm/W	60 °C	9,2 kg	1B0940
nD8301 L110TB H60	67 W	HME 250	10800 lm	161 lm/W	60 °C	9,2 kg	1B0941
<b>2 LED wing</b>							
nD8302 L220 H60	134 W	HIE 400	21600 lm	161 lm/W	60 °C	14,5 kg	1B0942
nD8302 L320 H60	192 W	HIT 400	30000 lm	156 lm/W	60 °C	14,5 kg	1B0943
nD8302 L220B H60	134 W	HIE 400	21600 lm	161 lm/W	60 °C	14,6 kg	1B0944
nD8302 L320TB H60	134 W	HIE 400	21600 lm	161 lm/W	60 °C	14,6 kg	1B0945

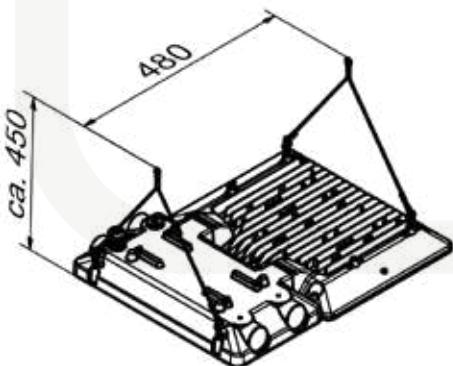
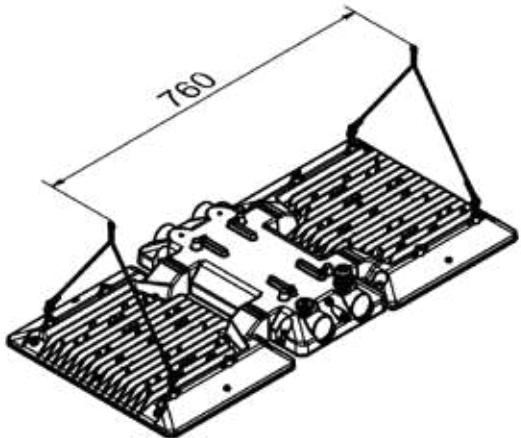
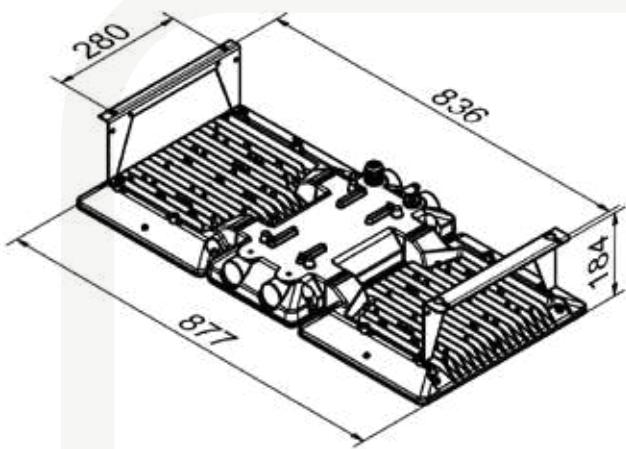
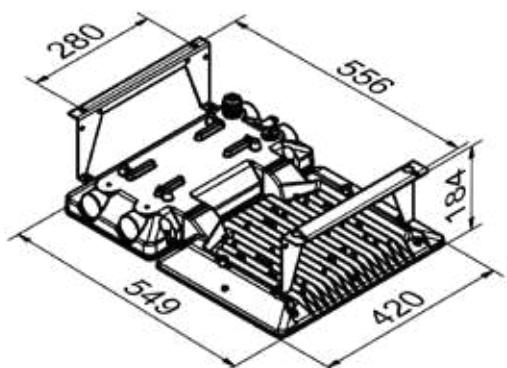
\* The given information is for rough orientation only.

# LED HIGH BAY LIGHT FITTINGS SERIES ND8301/ND8302

Zones 2, 22

Full catalogue available on our website: [www.inpratex.com](http://www.inpratex.com)

## INSTALLATION



# LIGHTING FIXTURES FOR Portholes Series EVO

Zones 1, 2, 21, 22

Full catalogue available on our website: [www.inpratex.com](http://www.inpratex.com)

## ATEX LIGHTING FIXTURES

## ZONES 1, 2 (gas) & 21, 22 (dust)



Explosion-proof lighting fixtures for portholes, ideal for the optimum viewing area to be monitored.

The built-in switch version allows the lamp to be switched on and off directly from the observation point and the for the observation point and the for the necessary time.

The lamp can be replaced without removing the armor.

Epoxyvinyl internal white coating for optimal luminosity.

Lampholder E27. External screws in stainless steel AISI 316.



EU-Type Examination Certificate

Supplied without light sources.

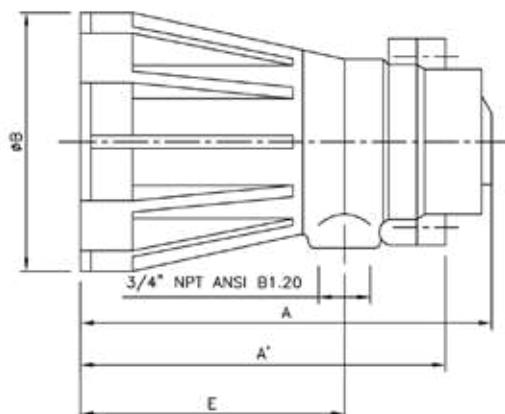
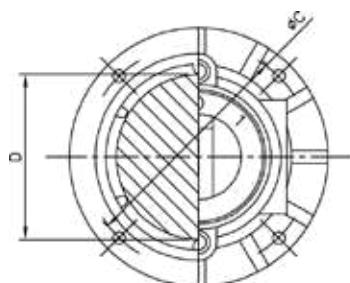
1  
LIGHTING

ITEM REFERENCES							
Designation:	A:	Ø B:	C:	D:	E:	Weight:	Item No.:
EVO 100I	240	150	135	96	165	2,10 kg	1H0202

INSTALLATION / LAMP TYPE						
Installation:	Halogen <42 W:		Halogen <70 W:		Energy saving lamp / LED	
	24 V	220 V	24 V	220 V	24 V	220 V
Vertical position	✓	✓	✓	✓	✓	✓
Horizontal position	✓	✓	X	X	✓	✓

TEMPERATURES								
Halogen <42 W:			Halogen <70 W:			Energy saving lamp / LED		
Temp. class	Max. Surf Temperature	Ambient Temperature	Temp. class	Max. Surf Temperature	Ambient Temperature	Temp. class	Max. Surf Temperature	Ambient Temperature
T4	T85°C	-50°C to +40°C	T3	T200°C	-50°C to +80°C	T6	T85°C	-50°C to +50°C
T3	T100°C	-50°C to +80°C				T5	T100°C	-50°C to +60°C
						T4	T135°C	-50°C to +80°C

TECHNICAL SPECIFICATIONS			
Marking:	Ex II 2G Ex d IIC T6-T3 Gb Ex II 2D Ex tb IIIC T85°C-T200°C Db	Lamp Type:	Halogen, Energy saving lamp or LED
Certificate:	EU-Type Examination Certificate	Lamp holder:	E27
Housing:	Aluminium light alloy (RAL 7000)	Max. voltage:	24 - 230 V AC / 230 V DC
Cover:	Thermal safety glass	Terminal section:	1,5 mm <sup>2</sup>
Operating temperature:	-20°C to +40°C	Maximum number of drivers:	3
Ingress protection:	IP66/67	Cable entries:	1x3/4" NPT cable gland (not included)



1.4

# PORTABLE LAMPS



# LED PORTABLE LAMP E9310F

Zones 1, 2, 21, 22

Full catalogue available on our website: [www.inpratex.com](http://www.inpratex.com)

## ATEX PORTABLE LAMPS

## ZONES 1, 2 (gas) & 21, 22 (dust)

Explosion-protected LED handlamp for ATEX zones 1/2 (gas) and 21/22 (dust). Handle made of rubber (EPDM) with suspension eye, strain relief and cable entry. Electrical kit made of die-cast aluminium with LED module and integrated ECG. Frosted PC cover, wire guard made of galvanised steel with hook for hanging up the handlamp.



EU-Type Examination Certificate

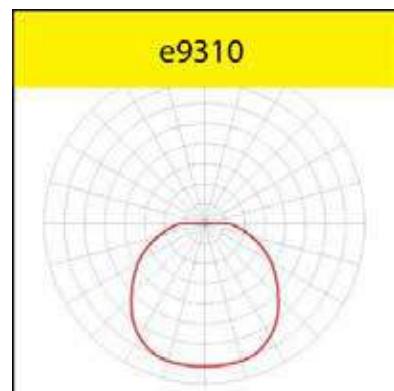
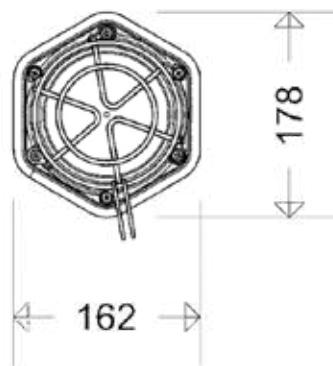
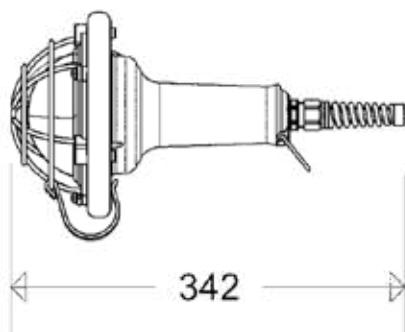


### ITEM REFERENCES

Designation:	Power:	Luminous flux:	Luminous efficacy:	Weight:	Item No.:
e9310F	11 W	600 lm	55 lm/W	1,3 kg	1D0501

### TECHNICAL SPECIFICATIONS

Marking:	
Certificate:	EU-Type Examination Certificate
Handle:	Made of rubber (EPDM), with suspension eye, cable relief
Cover:	Polycarbonate, frosted
Wire guard:	Round steel, cage hook for suspension purpose
LED:	Approx. 6,500K, CRI typically 80
Operating temperature:	-25°C to +40°C
Rated voltage:	220/240V AC/DC
Ingress protection:	IP66
Cable entries:	M20 x 1,5mm <sup>2</sup> with bend protection



# EVP 50 PORTABLE LAMP

Zones 1, 2, 21, 22

Full catalogue available on our website: [www.inpratex.com](http://www.inpratex.com)

## ATEX PORTABLE LAMPS

## ZONES 1, 2 (gas) & 21, 22 (dust)



*Light source and cable not supplied.*

Explosion-proof certified portable lamp for use in hazardous areas.

Suitable for incandescent, halogen, energy-saving and LED lamps.

Housing in aluminium light alloy.

Cage, hook and handle covered with Nylon.

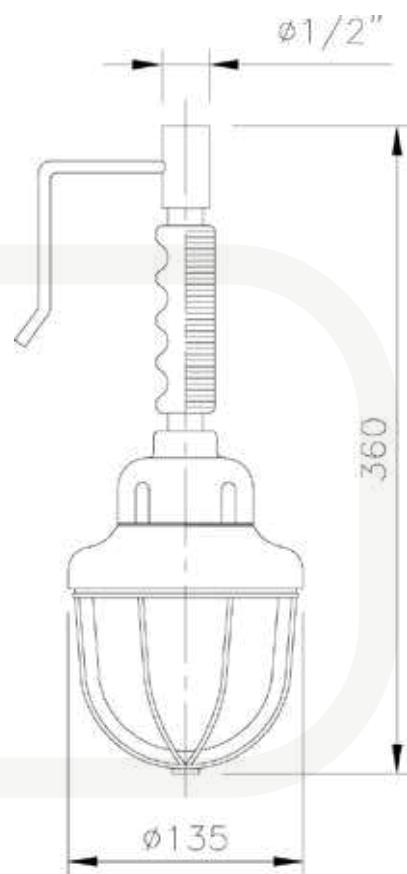


EU-Type Examination Certificate

Model:	Lamp:	Lamp holder:	Temp. class:		T. Cable:	Weight:	Item No.:
			Gas	Dust			
			T4	T135°C	NC		
EVP 50	Energy-saving up to 15W	E27	T6	T85°C	NC	1,8 Kg	1D0301
	LED up to 9W		T3	T200°C	160°C		
	Incandescent up to 100W		T3	T200°C	160°C		
	Halogen up to 100W						

TECHNICAL SPECIFICATIONS	
Marking:	Ex II 2G Ex d IIC T6-T3 Gb Ex II 2D Ex tb IIIC T85°C-T200°C Db
Certificate:	EU-Type Examination Certificate
Lamp:	Halogen, Incandescent, Energy-saving or LED
Rated voltage:	AC max.: 440 V AC DC max.: 48 V DC
Ingress protection:	IP65
Operating temperature:	-20°C to +40°C
Cable entries:	1/2" NPT (cable gland not included)

ACCESSORIES		
Designation:	Cable length:	Item No.:
Cable H07RN-F 450/750V 3G1,5	5 m	1D0203
	10 m	1D0204
	15 m	1D0205
	20 m	1D0206
	25 m	1D0207
	30 m	1D0208



# KE-LED-EX 4003 HAND LAMP

Zones 1, 2, 21, 22

Full catalogue available on our website: [www.inpratex.com](http://www.inpratex.com)

## ATEX PORTABLE LAMPS

## ZONES 1, 2 (gas) & 21, 22 (dust)

The extremely compact, lightweight ATEX hand lamp is ideal for illuminating areas that are difficult to access and where inspection and service are necessary. Three integrated POWER LED modules ensure optimal lighting.

Thanks to the integrated diffuser film, a glare-free and pleasant work is guaranteed. Ideal for use as an inspection lamp.

- 3x POWER LEDs / 6500 K
- Protection tube: polycarbonate, shock-resistant, Ø 40mm
- Handle / end cap: neoprene, black
- Integrated diffuser film
- Metal hook: yes, plastified, rotatable
- Protection category: IP68 - 50 m / 5 h
- Protection class: II / III
- Cable: 10m H07RN-F 2 x 1 mm<sup>2</sup>



EU-Type Examination Certificate

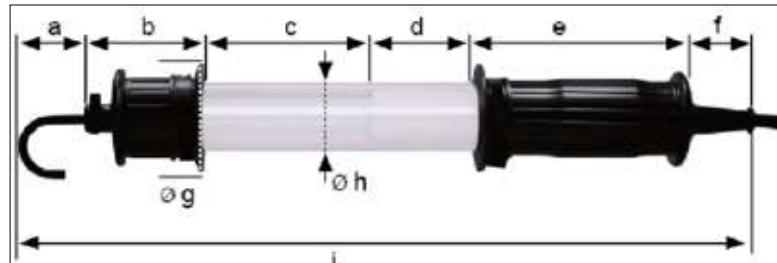


## ITEM REFERENCES

Designation:	Power:	Rated voltage:	Rated current:	Luminous flux:	Protection class:	Item No.:
EX 4003 230V Hand Lamp	3,3 W	230 V AC	0,03 A	200 lm	II	1D0603
EX 4003 110V Hand Lamp	3,0 W	110 V AC/DC	0,025 A	185 lm	II	1D0604
EX 4003 42V Hand Lamp	3,8 W	42 V AC/DC	0,075 A	180 lm	II	1D0605
EX 4003 24V Hand Lamp	3,0 W	24 V AC/DC	0,10 A	255 lm	III	1D0606
EX 4003 12V Hand Lamp	2,8 W	12 V AC/DC	0,20 A	235 lm	III	1D0607

## TECHNICAL SPECIFICATIONS

Marking:	Ex II 2G Ex eb mb op is IIC T4 Gb Ex II 2D Ex tb op is IIIC T105° Db IP68
Certificate:	EU-Type Examination Certificate
Operating temperature:	-20°C to +50°C
Protective tube:	Polycarbonate
Impact resistance:	IK10
Ingress protection:	IP68 - 50m / 5h
LED:	3x POWER LED 6500K   CRI >70   Lifetime >50.000h
Handle / end cap:	Neoprene
Integrated diffuser film:	Yes
Energy efficiency class:	G
Weight:	1,55 kg
Cable:	10m H07RN-F 2x1 mm <sup>2</sup> (plug non included)



DIMENSIONS (mm)									
a	b	c	d	e	f	g	h	i	l
40	65	100	70	115	40	43	40	430	

# KE-LED-EX 4006-0 HAND LAMP

Zones 1, 2, 21, 22

Full catalogue available on our website: [www.inpratex.com](http://www.inpratex.com)

## ATEX PORTABLE LAMPS

## ZONES 1, 2 (gas) & 21, 22 (dust)

With 6 powerful power LEDs, this EX hand lamp delivers a bright, glare-free light that ensures optimal visibility in environments with explosive atmospheres. Whether in petrochemical plants, refineries, or other demanding industrial environments - our hand lamp is the perfect solution for reliable and safe lighting.



EU-Type Examination Certificate

- 6x POWER LEDs / 6500 K
- Protection tube: polycarbonate, shock-resistant, Ø 40mm
- Handle / end cap: neoprene, black
- Integrated diffuser film
- Metal hook: yes, plastified
- Electronic ballast with special protection
- Protection category: IP68 - 50 m / 5 h
- Protection class: II / III
- Cable: 10m H07RN-F 2 x 1 mm<sup>2</sup>
- Available in the voltage versions: 230 V / 110 V / 42 V / 24 V / 12 V

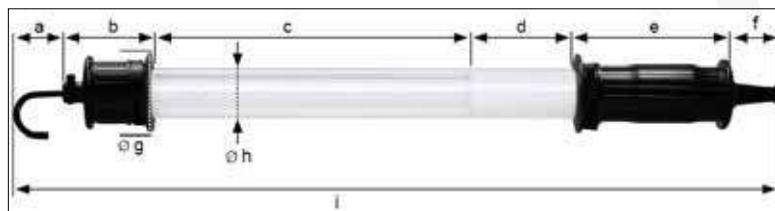


### ITEM REFERENCES

Designation:	Power:	Rated voltage:	Rated current:	Luminous flux:	Protection class:	Item No.:
EX 4006 230V Hand Lamp	7,0 W	220-240V AC	0,05 A	520 lm	II	1D0640
EX 4006 110V Hand Lamp	6,4 W	110 V AC/DC	0,05 A	460 lm	II	1D0641
EX 4006 42V Hand Lamp	5,5 W	42 V AC/DC	0,11 A	400 lm	II	1D0642
EX 4006 24V Hand Lamp	5,3 W	24 V AC/DC	0,18 A	520 lm	III	1D0643
EX 4006 12V Hand Lamp	4,2 W	12 V AC/DC	0,29 A	370 lm	III	1D0644

### TECHNICAL SPECIFICATIONS

Marking:	 
Certificate:	EU-Type Examination Certificate
Operating temperature:	-20°C to +50°C
Protective tube:	Polycarbonate
Impact resistance:	IK10
Ingress protection:	IP68 - 50m / 5h
LED:	6x POWER LED 6500K   CRI >70   Lifetime >50.000h
Handle / end cap:	Neoprene
Integrated diffuser film:	Yes
Energy efficiency class:	F (24V) / G (12V, 42V, 110V, 230V)
Weight:	1,65 kg
Cable:	10m H07RN-F 2x1 mm <sup>2</sup> (plug non included)



DIMENSIONS (mm)								
a	b	c	d	e	f	g	h	i
40	65	255	85	115	40	43	40	600

# KE-LED-EX 5018 HAND LAMP 360°

Zones 1, 2, 21, 22

Full catalogue available on our website: [www.inpratex.com](http://www.inpratex.com)

## ATEX PORTABLE LAMPS

## ZONES 1, 2 (gas) & 21, 22 (dust)

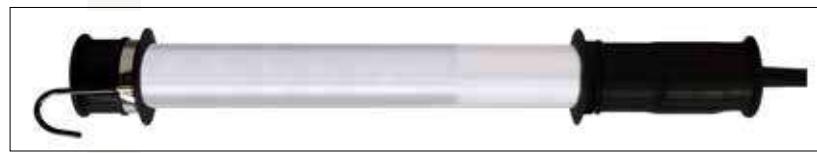
The ATEX LED 360° hand lamp is ideal for illuminating work in explosion-proof areas, such as cleaning work in tanks or silos.

The integrated diffuser foil ensures a glare-free and homogeneous light. The slim design, the low weight (approx. 1.5 kg) and the comfortable neoprene handle allow the use of the light as a hand and inspection light.



EU-Type Examination Certificate

- Circular LED light source of 360°
- 18x POWER LEDs | 6500K
- Polycarbonate protective tube
- Integrated diffuser film
- Electronic ballast with special protection
- Neoprene handle & end cap
- Metal, plastified, rotatable hook: included

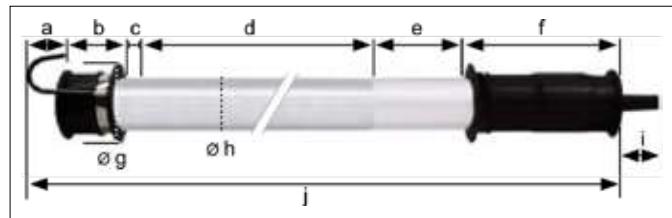


## ITEM REFERENCES

Designation:	Nominal voltage:	Current:	Protection class:	Item No.:
EX 5018 24V Hand Lamp	24V AC/DC	0,33 A	III	1D0601
EX 5018 220V Hand Lamp	220-240V AC	0,06 A	II	1D0601B

## TECHNICAL SPECIFICATIONS

Marking:	 
Certificate:	EU-Type Examination Certificate
Operating temperature:	-20°C to +40°C
Power:	10 W
LED 360°:	18x POWER LED 6500K   CRI >70   Lifetime >50.000h
Luminous flux:	1000 lm
Ingress protection:	IP68 - 50m / 5h
Protective tube:	Polycarbonat
Impact resistance:	IK10
Handle / end cap:	Neoprene
Integrated diffuser film:	Yes
Energy efficiency class:	F
Weight:	1,65 kg
Cable:	10m H07RN-F 2x1 mm <sup>2</sup> (plug not included)



DIMENSIONS (mm)									
a	b	c	d	e	f	g	h	i	j
25	55	35	225	120	140	45	75	50	600

# KE-LED-EX 5024 HAND LAMP

Zones 1, 2, 21, 22

Full catalogue available on our website: [www.inpratex.com](http://www.inpratex.com)

## ATEX PORTABLE LAMPS

## ZONES 1, 2 (gas) & 21, 22 (dust)

With 24 powerful POWER LED modules and an integrated diffuser film, this hand lamp produces an impressively bright and glare-free light. The slim design, the low weight of only around 2.2 kg and the comfortable neoprene handle not only enable it to be used as a classic hand and inspection light, but also guarantee maximum comfort during use.

The KE-LED-EX 5024 is perfect for use in wet and damp work areas thanks to its IP68 protection rating, which makes it waterproof.



EU-Type Examination Certificate

- 24x POWER LEDs / 6500 K
- Protection tube: polycarbonate, shock-resistant, Ø 50mm
- Handle / end cap: neoprene, black
- Integrated diffuser film
- Metal hook: yes, plastified
- Electronic ballast with special protection
- Protection category: IP68 -50 m / 5 h
- Protection class: II / III
- Cable: 10m H07RN-F 2 x 1 mm<sup>2</sup>
- Available in the voltage versions: 230 V / 110 V / 24 V



### ITEM REFERENCES

Designation:	Power:	Rated voltage:	Rated current:	Luminous flux:	Protection class:	Item No.:
EX 5024 230V Hand Lamp	14,5 W	220-240V AC	0,075 A	1550 lm	II	1D0650
EX 5024 110V Hand Lamp	14,5 W	110 V AC/DC	0,135 A	1600 lm	II	1D0651
EX 5024 24V Hand Lamp	15,5 W	24 V AC/DC	0,550 A	1650 lm	III	1D0652

### TECHNICAL SPECIFICATIONS

Marking:	 
Certificate:	EU-Type Examination Certificate
Operating temperature:	-20°C to +40°C
Protective tube:	Polycarbonate
Impact resistance:	IK10
Ingress protection:	IP68 - 50m / 5h
LED:	24x POWER LED 6500K   CRI >70   Lifetime >50.000h
Handle / end cap:	Neoprene
Integrated diffuser film:	Yes
Energy efficiency class:	F
Weight:	2,2 kg
Cable:	10m H07RN-F 2x1 mm <sup>2</sup> (plug non included)



### DIMENSIONS (mm)

a	b	c	d	e	f	g	h	i	j
25	55	20	500	90	140	45	75	50	875

# RECHARGEABLE LED SCENE LIGHT XPR-5592GX - GCX

Zones 0, 1, 2

Full catalogue available on our website: [www.inpratex.com](http://www.inpratex.com)

ATEX FLOODLIGHTS

ZONES 0,1,2 (gas)



The XPR-5592GX - GCX Rechargeable LED Scene Light is ideal for use when portability is important. ATEX certified Intrinsically Safe for use in hazardous environments, the array of 5 floodlight LEDs perfectly emit an impressive 1,000 lumens on high for 6 hours, or 500 lumens on low for 17 hours when activated using the robust three-position toggle switch. The housing is constructed from lightweight glass-filled nylon polymer, keeping it cool to the touch while being chemical, heat, and impact resistant.

A heavy-duty rare-earth magnetic base is securely mounted on the bottom to provide 360 degrees of hands-free rotation for proper light placement on any job site.

Powered by an integrated lithium-ion battery, the light includes an adjustable steel handle for carrying or hanging and both AC/DC power supplies placed inside a durable blow molded carrying case for ease of use and storage.



EU-Type Examination Certificate

			
<b>Steel-reinforced carry handle</b> also functions as convenient mounting hook where needed.	<b>Locking cam</b> allows carry handle to telescope to ideal length and position.	<b>Large adjustment knobs</b> means light can be positioned and secured for hands-free work.	<b>Sealed switch and charging port</b> <b>cap</b> ensure full IP-67 waterproof & dustproof protection.

## ITEM REFERENCES

Designation:	What's included:	Item No.:
XPR-5592GX	Scene Light - AC & DC charging cords - Blow-molded case	1E1901
XPR-5592GCX	Scene Light - 6 foot tripod - AC & DC charging cords - Blow-molded case	1E1902

## TECHNICAL SPECIFICATIONS

Marking:	 II 1G Ex ia op is IIC T4 Ga
Certificate:	EU-Type Examination Certificate
Operating temperature:	-20°C to +40°C
Case material:	Glass-filled nylon polymer. Serialized for personal identification
Lumens/Runtime:	High: 1200 lm, 6 hrs. runtime Low: 650 lm, 12 hrs. runtime
Ingress protection:	IP67
Drop rating:	2 m
Dimensions:	Length: 343mm   Width: 235mm   Depth: 89mm
Weight:	1,928 g
Battery:	Integrated rechargeable li-ion battery



# ULTRA3 WORKLIGHT

Zones 1, 2, 21, 22

Full catalogue available on our website: [www.inpratex.com](http://www.inpratex.com)

## ATEX PORTABLE LAMPS

## ZONES 1, 2 (gas) & 21, 22 (dust)

ATEX LED work light, equipped with a large handle, made of antistatic polypropylene housing, stainless st. screws and maintenance-free tempered glas. One lamp for 24V-48V, for AC and DC, for 2p and 3p systems and the weight being as little as 5 kg. Furthermore, the lamp is waterproof and will float in the water.



EU-Type Examination Certificate

### ITEM REFERENCES

Designation:	Item No.:
Ultra3 10 (with 10 m. cable H07RN-F) - Plug not included	1B1501
Ultra3 30 (with 30 m. cable H07RN-F) - Plug not included	1B1502

### TECHNICAL SPECIFICATIONS

Marking:	 II 2G Ex ib mb IIC T4 Gb  II 2D Ex ib mb IIC T135°C Db
Certificate:	EU-Type Examination Certificate
Operating temperature:	-20°C to +50°C
Rated voltage:	24-48VAC/DC (0Hz to 60Hz)
Power:	35W
Light sources:	81 LEDs, 5000°K   4100 lm
Housing:	Throughout antistatic polypropylene, metal frame, stainless steel bolts
Lens:	Scratch and chemical resistant hardened glass
Design:	Easy to handle, also with gloves on. Easy stackable to save space
Dimensions:	388 x 319 x 147 mm
Weight:	5 kg
Ingress protection:	IP65 according to EN 60529

### ACCESSORIES

	Description:	Item No.:		Description:	Item No.:
	Magnet set with 3 magnets for Ultra	1B150A		Protective film for Ultra	1B150D
	Scaffolding hook with locking device	1B150B		Tripod for Ultra stainless steel	1B150E
	Subframe for Ultra	1B150C			

# LUMIN LED RECHARGEABLE FLOODLIGHT

Zones 1, 2, 21, 22

Full catalogue available on our website: [www.inpratex.com](http://www.inpratex.com)

ATEX PORTABLE LAMPS

ZONES 1, 2 (gas) & 21, 22 (dust)

Lightweight and fully portable, with an intense light output of up to 2000 lumens. Being fully certified for Zones 1 & 2 (Gas) and Zones 21 & 22 (Dust) it has been designed to make working in confined spaces even safer.

Featuring no trailing cables vastly reduces trip hazards, while the powerful light output easily illuminates the working environment. Ergonomically designed for easy maneuverability, it is extremely user friendly.



EU-Type Examination Certificate

- Lightweight and portable
- Unique protection system to cope with paint overspray
- Compatible accessory items available
- Maintenance friendly
- Low battery voltage warning
- Specialised charging system
- Waterproof and dustproof

## ITEM REFERENCES

Designation:	Item No.:
SARF300	13B0201
SARF300/KIT1	13B0202

## TECHNICAL SPECIFICATIONS

Marking:	 
Certificate:	EU-Type Examination Certificate
Operating temperature:	-20°C to +43°C
Ingress protection:	IP66
Battery duration:	12 Hours (Normal)   6 Hours (Boost)
Light output:	1250 lm (Standard)   2000 lm (Boost)
Charge time:	6 Hours
Dimensions:	430mm x 260mm x 390mm
Weight:	13.8kg

## ACCESSORIES

	Description:		Description:
	LUMIN Floodlight Scaffold Bracket - SAFL/SN		LUMIN Floodlight Protective Film - SAFL/PF
	LUMIN Floodlight Magnetic Bracket - SAFL/MB		LUMIN Floodlight Tripod Stand - SAFL/TS
	LUMIN Floodlight Protective Shield - SAFL/PS		

# EX GALALED PORTABLE LED LIGHTING

Zones 1, 2, 21, 22

Full catalogue available on our website: [www.inpratex.com](http://www.inpratex.com)

1  
LIGHTING

## ATEX PORTABLE LAMPS

## ZONES 1, 2 (gas) & 21, 22 (dust)

Portable, safety LED lighting with high level of protection intended for use in hazardous areas with explosive gas and dust atmospheres. The lamp is designed for application in shipbuilding and offshore industries, for both indoor and outdoor spaces, can be used as portable lighting and as general fixed in lighting.

- Circular LED light source of 360°
- High light intensity with no glare effect
- Low weight of 2,3kg. high level of mechanical protection (IP66 and IK8)

Ex GalaLED enables outstanding thermal management since the LED engine is attached directly to the top and bottom cover, acting as a heat sink.



ITEM REFERENCES						
Designation:	Lumen output:	Efficacy:	Operating voltage:		Power:	Power factor:
Ex GalaLED 42VAC	~3000 lm	~120lm/W	38-48 VAC 38-60 VDC	50-60 Hz	~25W	≥ 0,98 at 42 VAC
Ex GalaLED 110VAC	~3000 lm	~120lm/W	90-130 VAC 90-130 VDC	50-60 Hz	~25W	> 0,85 at 110 VAC
Ex GalaLED 230VAC	~3500 lm	~115 lm/W	210-250 VAC	50-60 Hz	~30W	> 0,98 at 230 VAC
Ex GalaLED 24VAC	>2300 lm	~ 115lm/W	20-30 VAC 20-30 VDC	50-60 Hz	~20W	> 0,98 at 24 VAC

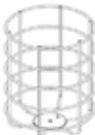
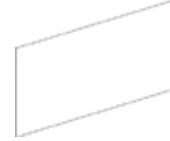
TECHNICAL SPECIFICATIONS	
Marking:	 
Certificate:	EU-Type Examination Certificate
Operating temperature:	-40°C to +50°C
Housing:	Aluminum alloy powder painted with tempered borosilicate glass tube
Diffuser:	PMMA 2,5 mm
Gasket:	Silicone gasket
Ingress protection:	IP66, IP67   IK08
LED:	360° LED module ~5000K, CRI 80-85, depending on LED type 60 000 working hours temp. 25°C (estimated lifespan)
Connection terminal:	L1,N,PE max 3x2,5 mm <sup>2</sup> , External PE Terminal M5
Connection cable:	H07RN-F 3x1,5 mm <sup>2</sup> or 3x2,5 mm <sup>2</sup>
Weight:	2,3 kg
Dimensions:	D125 x H280 mm
Cable entries:	2xM20 (Cable glands / plugs non included)

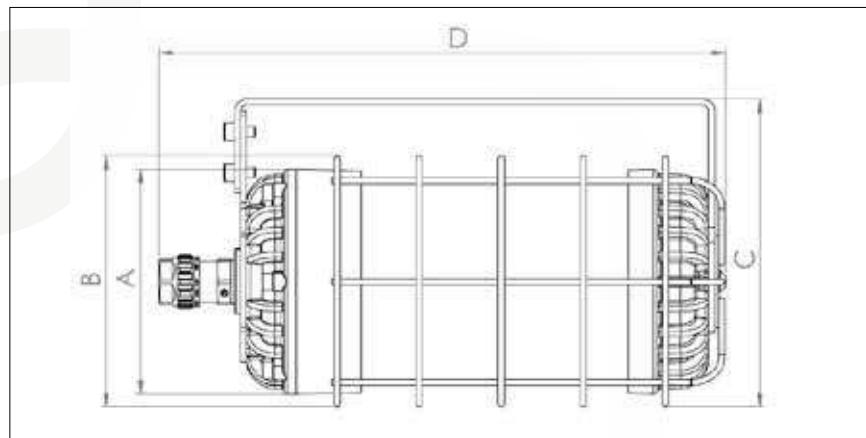
# EX GALALED PORTABLE LED LIGHTING

Zones 1, 2, 21, 22

Full catalogue available on our website: [www.inpratex.com](http://www.inpratex.com)

## ACCESSORIES

Sketch:	Description:	Sketch:	Description:	Sketch:	Description:
	Protective grid		Hook Eye Set		Ex Plug M20x1.5
	Vertical Cable Hanging Set		Mounting bracket		Antistatic Protective peel off Foil
	Gasket		Ex Gland M20x1.5 ø7-12mm or ø10-15mm		Horizontal Cable Hanging Set



DIMENSIONS	
A	ø110mm
B	ø125mm
C	155mm
D	280mm



## NOTES

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