

LED HIGH BAY LIGHT FITTINGS SERIES ND8955

Zones 2, 22

Full catalogue available on our website: www.inpratex.com

ATEX PENDANT LIGHT FITTINGS

ZONES 2 (gas) & 22 (dust)

Durable, efficient, sustainable and exceptionally powerful, the nD8955 LED high-bay luminaire for ATEX Zones 2 and 22 sets new standards in hazardous area lighting. Its compact, flat design and low overall weight make it particularly suitable for demanding industrial installations where performance, reliability and ease of handling are essential.

The corrosion-resistant die-cast aluminium housing ensures excellent durability, while optimised thermal management contributes to a long service life and consistent lighting performance. Installation is quick and convenient thanks to the lightweight construction, two-point cable suspension system and externally accessible connection compartment, which allows easy electrical connection.



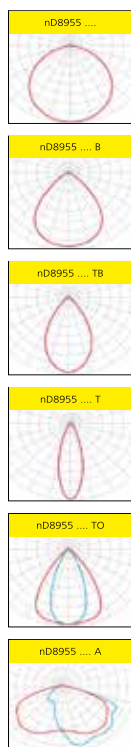
- long-lasting, corrosion-resistant die-cast aluminium housing
- optimized thermal management due to direct mounting of the LED modules to the housing, large cooling surface, excellent heat dissipation
- uniform illumination due to the „Multi-Layer Technology“
- high system service life of up to 100,000 h, saves premature replacement and conserves valuable resources
- high energy cost savings thanks to low connected load and high efficiency
- sustainable, control gear and LED-module replaceable
- future proof by using standardised LED-modules (Zhaga) and long-term availability of spare parts
- GreenLine luminaire, outstanding sustainable design



Declaration of Conformity

Designed with sustainability and long-term use in mind, the nD8955 ATEX high bay features replaceable components, Zhaga-compliant LED modules and assured long-term availability of spare parts, making it a future-proof lighting for hazardous areas.

* 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.

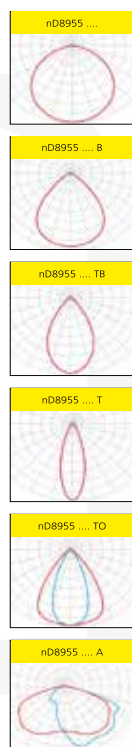


ITEM REFERENCES					
Designation:	Power:	Lumin. flux (lm):	Light output (lm/W):	Weight (kg):	Item No.:
wide beam					
nD8955 L250	144	27500	191	8,2	1B1801
nD8955 L250 B	144	27500	191	8,2	1B1802
nD8955 L360	205	38300	187	8,5	1B1803
nD8955 L360 B	205	38300	187	8,5	1B1804
nD8955 L470	289	52000	180	8,5	1B1805
narrow wide beam					
nD8955 L250 TB	144	27500	191	8,2	1B1806
nD8955 L360 TB	205	38300	187	8,5	1B1807
narrow beam					
nD8955 L250 T	144	27500	191	8,2	1B1808
nD8955 L250 TO	144	27500	191	8,2	1B1809
nD8955 L360 T	205	38300	187	8,5	1B1810
nD8955 L360 TO	205	38300	187	8,5	1B1811
asymmetrical beam					
nD8955 L250 A	144	27500	191	8,2	1B1812
nD8955 L360 A	205	38300	187	8,5	1B1813

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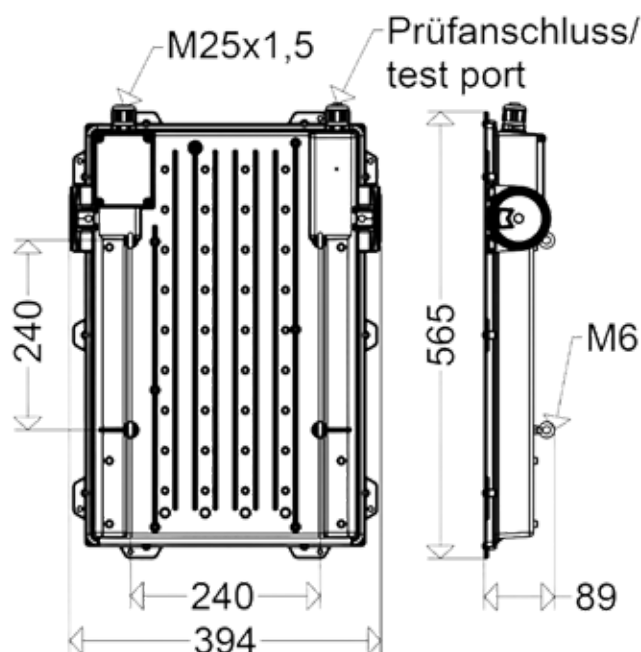
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ITEM REFERENCES DIMD					
Designation:	Power:	Lumin. flux (lm):	Light output (lm/W):	Weight (kg):	Item No.:
wide beam					
nD8955 L250 DIMD	144	27500	191	8,2	1B1821
nD8955 L250 B DIMD	144	27500	191	8,2	1B1822
nD8955 L360 DIMD	205	38300	187	8,5	1B1823
nD8955 L360 B DIMD	205	38300	187	8,5	1B1824
nD8955 L470 DIMD	289	52000	180	8,5	1B1825
narrow wide beam					
nD8955 L250 TB DIMD	144	27500	191	8,2	1B1826
nD8955 L360 TB DIMD	205	38300	187	8,5	1B1827
narrow beam					
nD8955 L250 T DIMD	144	27500	191	8,2	1B1828
nD8955 L250 TO DIMD	144	27500	191	8,2	1B1829
nD8955 L360 T DIMD	205	38300	187	8,5	1B1830
nD8955 L360 TO DIMD	205	38300	187	8,5	1B1831
asymmetrical beam					
nD8955 L250 A DIMD	144	27500	191	8,2	1B1832
nD8955 L360 A DIMD	205	38300	187	8,5	1B1833

TECHNICAL SPECIFICATIONS	
Marking:	II 3G Ex nR IIC T4 Gc II 3D Ex tc IIIC T100°C Dc
Certificate:	Declaration of Conformity
Operating temperature:	-30°C to +40°C
Housing:	Die-cast aluminium, 1-part, powder coated DB 702 (mica-iron paint, grey) with LED module, optics, ECG and cable entry
Cover:	Flat safety glass pane, resistant to temperature changes, silicone gasket
Impact protection:	IK09
LED:	LED module 4000K, CRI > 80, L ₉₅ > 100000 h at max. ambient temperature, Zhaga compliant
Light distribution:	Without optics wide beam, with optics wide beam (B), narrow wide beam (TB) or narrow beam (T), narrow oval beam (TO) for illumination of aisles in rack areas respectively asymmetrical beam (A)
Rated voltage:	220/240V. Surge voltage resistance 4 kV, overload and short circuit protection
Operating frequency:	50/60 Hz
Ingress protection:	IP65
Connection:	Connection compartment accessible from outside, terminal up to max. 2.5 mm ²
Mounting:	Standard Mounting: Beaming downwards 0°. 4 eyelets included in delivery
Cable entries:	1x M25x1,5 plastic cable gland



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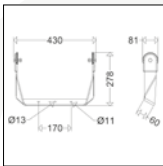
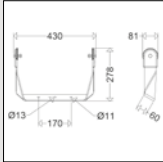
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LIGHTING

ACCESSORIES

Designation:	Image:	Dimensions:	Item No.:
Wall and ceiling mounting, galvanised steel, painted in DB 702			WDBF 7955 ST
Wall and ceiling mounting, stainless steel V4A, for SBL vesion, painted in DB 702			WDBF 7955 E4
1 pair of Y-ropes			7955 Y P ST