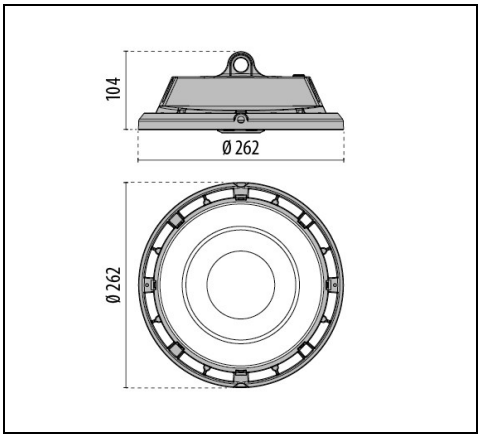
A+ 100

Part number 3124702





IP 65 | CLASS I | ≤-40°C | 1-10 V | SPD 10kV

Description

Suspended LED luminaire for indoor and outdoor industrial applications, comprising:
- Die-cast aluminium housing and trim polyester powder coat finish, coat finish prior chemical conversion surface treatment
- UV and heat stabilised, technopolymer diffuser with integral custom moulded optics
- Anti-ageing custom moulded silicone sealing gasket(s) with resilient elastic return capacity
- Stainless steel locking hardware
- Suspension hook in painted aluminium with safety screw
- Complete with cable H05RN-F
- Built-in driver

Options:
- Painted steel bracket
- Infrared remote control for sensor module

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For information:
PERFORMANCE iN LIGHTING S.p.A. Headquarters - Italy
Viale del Lavoro 9/11
37030 Colognola ai Colli Verona - Italy
Tel. +39 045 61 59 211

info.it@pil.lighting
www.performanceinlighting.com

Product data

ETIM Group:	EG000027	**ETIM Class:**	EC001716

General information

Lampholder:	LED	**Light source:**	LED
Lightsource lumen output [lm]:	19300	**Luminaire lumen output [lm]:**	16235
Luminaire wattage [W]:	100 W	**Luminous efficacy [lm/W]:**	162
CRI:	80	**Colour temperature [K]:**	5700
Colour / Finishing:	BK-RAL9005 / Black RAL9005 / Textured	**IP degree of protection:**	IP65
Impact resistance / impact energy:	IK08 5J xx5	**Protection class:**	I
Optic:	C/IW - Circular Wide	**Beam angle:**	60°
Net weight [kg]:	2.104	**Overall diameter [mm]:**	262
Overall height [mm]:	104		

Mechanical features

Shape:	Round 150 ≤ x ≤ 300 mm	**Housing material:**	Aluminium
Diffuser material:	Transparent plastic	**Glow wire test [°C]:**	960 °C

Electrical features

Voltage type:	AC	**Input voltage [V AC]:**	220/240
Input frequency [Hz]:	50/60	**Power factor / COS Φ:**	>0.9
Surge protection | Common [kV]:	10.000000	**Surge protection | Differential [kV]:**	6.000000
Inrush current [A/µs]:	50 / 316	**C10 1.5 mm²:**	8
C16 2.5 mm²:	12	**B10 1.5 mm²:**	5
B16 2.5 mm²:	6		

Installation

Application area:	Indoor lighting	**Mounting type:**	High bay and low bay
Min. ambient temperature [°C]:	-40	**Max. ambient temperature [°C]:**	45

Light features

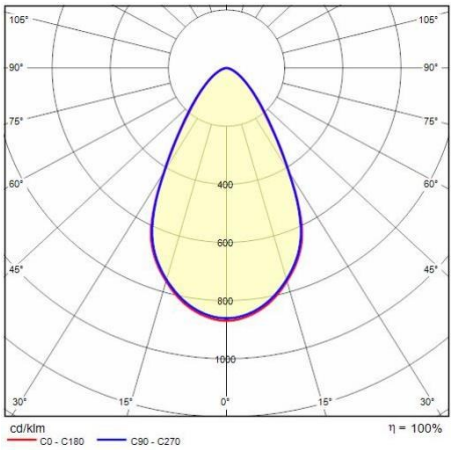
MacAdam:	3	**Lumen maintenance:**	L80B10@100000h
Distribution of light emission:	Direct	**DFF - Downward Flux Fraction [%]:**	100
UFF - Upward Flux Fraction [%]:	0	**IPEA* (road lighting):**	A8+
IPEA* (large areas, roundabouts):	A12+	**IPEA* (cycle-pedestrian):**	A8+
IPEA* (green areas):	A8+	**IPEA* (historic city centers):**	A12+

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Photometric data



Optional accessories

A+ 60 / A+ 100 / A+ 150 / A+ 200



3111281

Fixing bracket A+100

BK-RAL9005 / Black RAL9005



3111277

Microwave motion sensor



3111278

Remote control



3111279

DALI converter

A+ 100



311019

Polycarbonate diffuser A+ 100

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