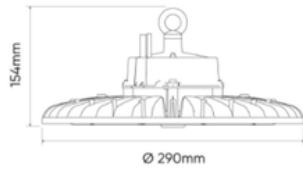
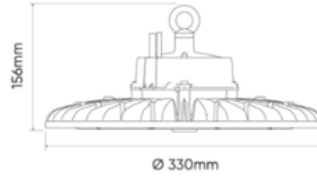


Dorado



Dorado M



Dorado L

MAIN CHARACTERISTICS

Applications	Indoor industrial lighting, warehouse, etc
Material	Die-cast aluminium body Optical assembly in Polycarbonate
Color	Black. Epoxy powder coating after phosphating
Product sizes	ø290x154 Dorado M ø330x156 Dorado L
Weight	2,6 Kg (Version M) 3,4 Kg (Version L)
Mounting	Suspended
Insulation Class	CL I
Protection degree	IP 65 IK 09
No LED's	480 LED (Version M) 640 LED (Version L)
Luminous efficiency	190 lm/W - CRI ≥ 70
Step McAdam	< 4
LED colour temperature	4000K - 740/669
LED life time	≥ 100.000hr L70B50
Optics	High-performance polycarbonate optical grade, lens, 90° 120° on request
Operating voltages and frequencies	100-277 V~ 50/60 Hz
Power factory	Cosφ ≥ 0.95 (at full load)
Dimming	0-10V signal
Operating temperature	-30 / +45 °C



DESCRIPTION

The Dorado High Bay lights are ideal for industrial lighting and other applications where a high level of light is essential. The high luminous efficacy of the lights, at 190 lm/W, allows for the use of lower wattage variants where previously higher wattage lights were installed. They are available in two power options: 150W and 200W, and offer two different light distribution angles, adjustable via lens: 90° and 120°. The absence of flicker ensures user eye safety. Additionally, the Dorado series, unlike other lights in the High Bay product class, can be used in work environments where conductive dust accumulation is expected.

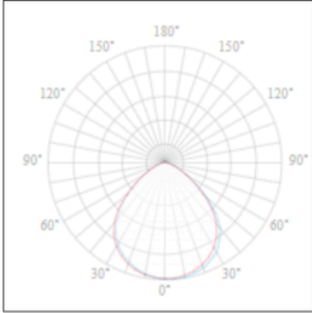
STANDARD COMPLIANT

EN 60598-1: Luminaires. Part 1: General requirements and tests.
 EN 60598-2-3: Particular requirements - Luminaires for street lighting.
 IEC/TR 62778: Application of IEC 62471 for the assessment of blue light hazard to light sources and luminaires.
 EN 55015: Limits and methods of measurement of radio disturbance characteristics of electrical lighting and similar equipment.
 EN 61000-3-2: Electromagnetic compatibility (EMC) Part 3-2: Limits - Limits for harmonic current emissions.
 EN 61000-3-3: Electromagnetic compatibility (EMC) Part 3-3: Limitation of voltage fluctuations and flicker.
 EN 61547: Equipment for general lighting purposes - EMC immunity requirements.
 EN 13032-1: Light and lighting: Measurement and presentation of photometric data for lamps and luminaires - Part 1: Measurement and file format.
 Technical datasheet according to IEC/PAS 62717 and IEC/PAS 62722

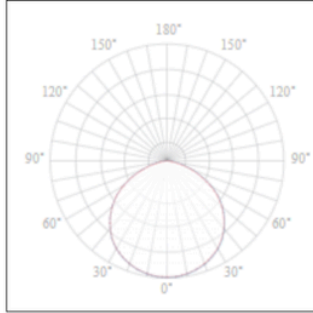


OPTICS

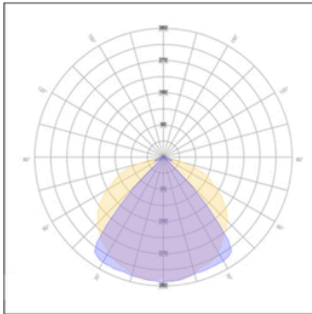
OPTIC 90°



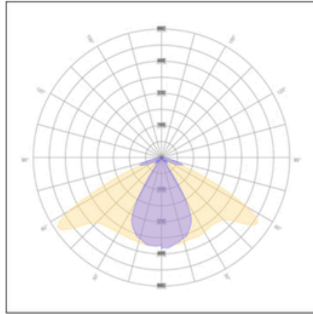
OPTIC 120°



OPTIC UW



OPTIC EW



4000 K

Model	Nominal Power Consumption (W)	Nominal LED Luminous Flux (lm)	Nominal Luminous Flux (Fixture) (lm)	Efficiency [lm/W]
Dorado M	150,0	30645	28500	190
Dorado L	200,0	40860	38000	190

PACKAGING



Dorado M

Dimensions: 350 x 350 x 160 mm

Weight: 2.6 kg

Dorado L

Dimensions: 380 x 380 x 165 mm

Weight: 3.2 kg

DESIGN



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