

This document is exclusive MARECO LUCE s.r.l., is strictly prohibited disclosure or reproduction, even partial, as well the use of without written consent of MARECO LUCE s.r.l. The company reserves the right to change models, dimensions and materials at any time without notice.

## PRODUCT DATA SHEET

### Taurus

**Code : 0820182N**

#### PRODUCT FAMILY

-CUT-OFF luminaire for industrial use (high bay) IP65, to be installed by an eye bolt.

#### MATERIAL CHARACTERISTICS

- Housing in die-cast aluminium (ADC12) anodized and painted.
- Outdoor polyester powder coating with a pre-treatment (phosphochrome) to ensure high protection against weathering.
- Transparent polycarbonate diffuser, beam 90°.
- M10 eye bolt in galvanized steel, inner diameter Ø25mm.
- Silicone gaskets.
- A2 stainless steel screws.

#### COLOR

- black.

#### WEIGHT

- 100W: Net weight: 1,6kg – gross weight (single carton): 2,2kg.
- 150W: Net weight: 2,2kg – gross weight (single carton): 2,8kg.
- 200W: Net weight: 2,5kg – gross weight (single carton): 3,2kg.

#### LIGHTING CHARACTERISTICS

- Led light source in fixed position.
- Monochromatic Led module (n. 200 Led's - 100W).
- Monochromatic Led module (n. 300 Led's - 150W).
- Monochromatic Led module (n. 400 Led's 200W MULTI-POWER).
- Polycarbonate round-symmetric lens integrated in the diffuser, beam 90°.
- Immediate ON at 100% of the light output (soft start @ 1 sec.).
- CUT-OFF luminaire complying with the laws concerning the light pollution.

#### WIRING CHARACTERISTICS

- 0-10V and PWM dimmable driver.
- Driver with power reduction to 100W and 150W, via a selector (200W MULTI-POWER version).
- Surge protected driver in common mode 6 kV and differential mode 5 kV.

#### INSTALLATION AND MAINTENANCE CHARACTERISTICS

- Suspension mounting by an eye bolt (included).
- Power supply cable 3 poles H05RN-F 3G1 length 300mm.
- Dimming cable 2-pole AWM 22AWG length 300mm.
- Ordinary maintenance not required.
- Extraordinary maintenance not required.

#### DIMENSIONS

- 100 W: luminaire Ø254x108 mm without eye bolt.  
Packaging: 310x310x145mm.
- 150 W: luminaire Ø280x113 mm without eye bolt.  
Packaging: 310x310x140mm.
- 200 W MULTI-POWER: luminaire Ø320x119 mm without eye bolt.  
Packaging: 340x340x140mm.

#### GENERAL FEATURES

- Step MacAdam: 5
- UGR <28
- Lifetime Led: L70/B50>100kh - Tc 85°C
- Driver Lifetime: 50kh
- Overvoltage protection: CM 6 kV, DM 4 kV
- Dimmerable 0-10V – PWM
- Flicker free driver
- 5-year warranty

#### 100W 4000K VERSION - SPECS

- Luminaire output : 14500 lm@ta25°C.
- Luminaire efficiency: 145 lm/W.
- Led's consumption: 93W.
- Luminaire consumption: 100W.
- Power Factor : 0.93.

#### 150W 4000K VERSION - SPECS

- Luminaire output : 21750 lm@ta25°C
- Luminaire efficiency: 145 lm/W.
- Led's consumption: 143W.
- Luminaire consumption: 150W.
- Power Factor: 0.95.

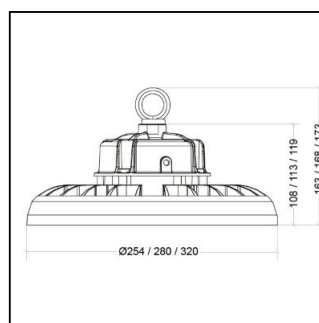
#### 200W MULTI-POWER 4000K VERSION - SPECS

- Luminaire output : 329000/21750/14500 lm@ta25°C
- Luminaire efficiency: 145 lm/W.
- Led's consumption: 183/143/93W.
- Luminaire consumption: 200/150/100W.
- Power Factor: 0.96/0.95/0.93.

Rev 01-04/09/2023

#### Details

- Conformity with EU Directives
- Conforms to all regional/local laws against light pollution
- CLASS I
- IK08
- RG1
- CRI>80
- Dimmable
- IP 65



100-277V 50/60Hz 100W



CUT  
OFF



IK  
08

RG

CRI  
≥80



IP65

