



ORBITER
MAIN SPECIFICATIONS

Applications	Industrial and retail lighting
Optics	00 : Diffused symmetric optics; 40 : Symmetric optics with 40° aperture
Colour temperature	1 : Cold White 5,500K; 2 : Warm White 3,000K; 8 : Neutral White 4,000K
CRI and colour difference (SDCM)	Medium 75; Min. > 80 Color difference among several devices: Max. 5 step MacAdam
Photobiological compliance	Exempt Group
Insulation class	Class I
Protection rating	ORB : IP40; ORI : IP65
Cable harness	Quick splice connector
Dimensions	594x594x39 mm
Weight	5.5 kg
Operating temperature	-40°C +50°C

ELECTRICAL SPECIFICATIONS

Rated voltage	220-240 50 Hz
LED current	350 - 450 - 500 - 700 mA
Power factor	> 0.9 (full load)
Control technology	Optional power supplies with DALI interface
Connection	3-pin terminal block

LED life expectancy (T_a -10°C to 50°C)	350 - 450 - 500 - 700 mA L90 B10 > 100,000 hr
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MATERIALS

Mounting	Ceiling mounting with screws and anchors or steel cable suspension
Frame and heatsink	Powder coated white frame
Optic	"Optical grade" polycarbonate (only on 40° version)
Screen	Flat PMMA thickness 3 mm with double UV treatment

INPUT POWER AND DEVICE FLUX*
(T_{amb}=25°C, T=85°C, T_c=4000K)

Orbiter 2	55 W	6,459 lm
Orbiter 3	83 W	9,701 lm
Orbiter 4	110 W **	12,824 lm
Orbiter 5	138 W **	15,980 lm

* Values shown represent effective output flux. These values may differ from the LEDs nominal flux.

** D4 e D5 versions require 2 DALI addresses

CODING

product code	LED colour	LED type	optic type	finishing options	model code
ORB	1	N	00	10 0 (N.a.)	2
ORI	2	C	40	D (Dali)	3
	8				4
					5

Product specifications may vary at any time and will be confirmed at time of order.
Values shown are calculated with +/- 5% tolerance.