



**ORBITER I HT
MAIN SPECIFICATIONS**

Applications	Industrial and retail lighting
Optics	00 : Diffused symmetric optics
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 upon request Color difference among several devices: Max. 5 step MacAdam
Photobiological compliance	Exempt Group
Insulation class	Class I
Protection rating	IP65
Cable harness	Removable, no tools needed
Dimensions	594x594x39 mm
Weight	5.5 kg
Operating temperature	-40°C +70°C

ELECTRICAL SPECIFICATIONS

Rated voltage	220-240 V 50/60 Hz
LED current	525 mA
Power factor	> 0.9 (full load)
Control technology	1-10 V
Connection	3-pin terminal block
LED life expectancy* (T_a max 70°C)	525 mA L80 B20 > 50,000 hr
PSU life expectancy* (T_a max 70°C)	525 mA 65,000 hr*

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_l=85°C, T_c=4000K)

Orbiter 1	78 W	8,970 lm
Orbiter 3	118 W	13,548 lm

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

CODING

product code	LED colour	LED type	optic type	finishing options	model code
OHT	1	N	00	10 0 (N.a.)	1
	2				3
	8				

*max 10% failure rate at T_a max

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