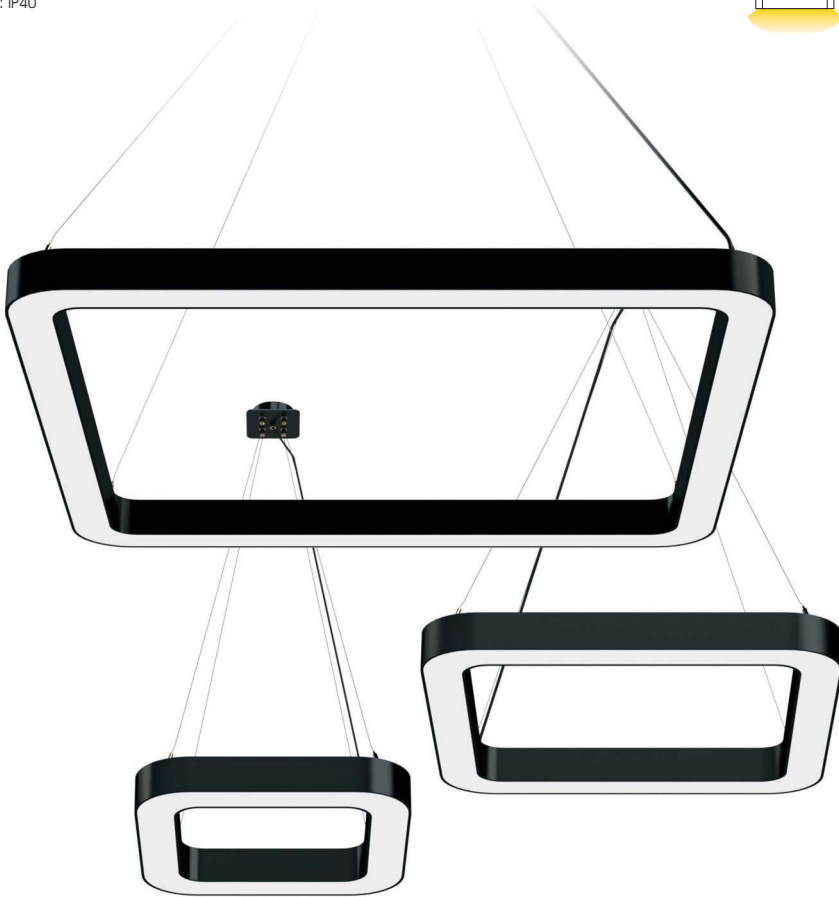
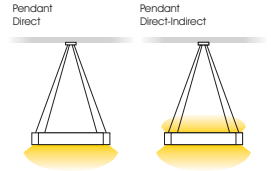


ORBIT PDD/PDDI

(Pendant Direct/Pendant Direct-Indirect)

- ORBIT is a complete series of square with rounded corner luminaires available for surface, pendant, recessed and trimless application.
- The pendant version is offered either with only Direct or Direct/Indirect illumination.
- It consists of two models: High Power and High Efficiency.
- It is offered with a Low Glare (UGR < 20,8*) as an option in the High Power model.
- It is offered with a Low UGR (UGR < 18*) as an option in the High Efficiency model.
- Luminaire material: Aluminium.
- Cover material: PMMA
- Powder Coated: Black (RAL9005), White (RAL9003), or Grey (RAL7037) as standard.
- Custom luminaire colours also available on request.
- Low tolerances for colour temperature (MacAdam 3).
- Lumen maintenance L80/B10 50.000h
- Emergency Function capability. (3 hours, with build-in rechargeable battery).
- Indoor Use: IP40

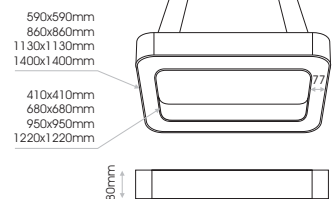


LED source efficacy up to 202lm/W (4000K)

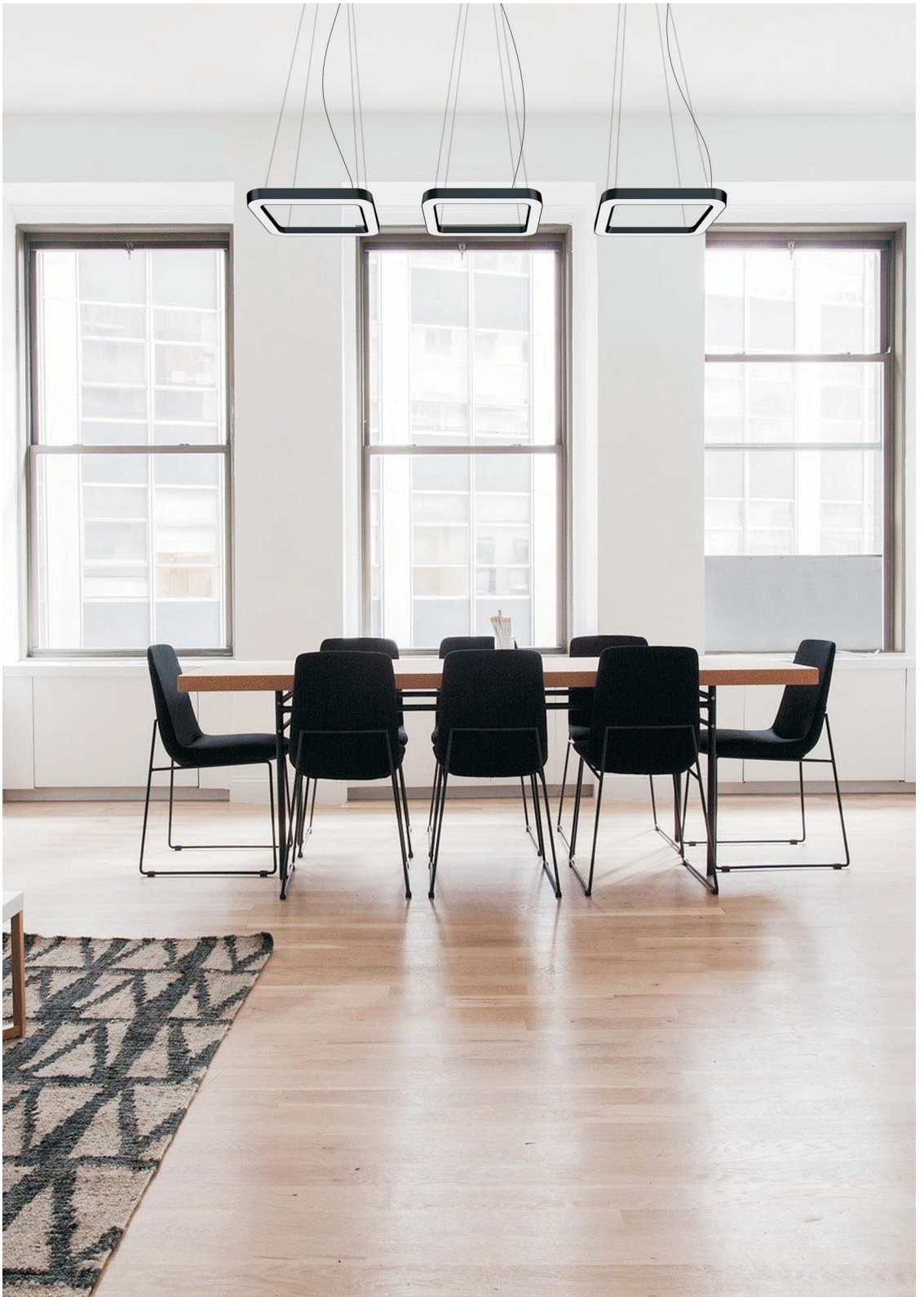
Luminaire efficacy up to 117lm/W (4000K)

Available upon request:

- ✓ Custom luminaire colours
- ✓ Emergency version



*Glare Evaluation: X=4H / Y=8H, S=0,25H, Reflection factors: 70/50/20

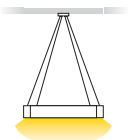


Pendant Direct

Model	Luminaire Colour*	CCT	Watt / Diameter	CRI** LED Source	CRI** LED Source	Type	Voltage	Dimming Option	Extras
ORBIT Pendant Direct High Power <i>(ORBIT PDD HP)</i>	White <i>(WH)</i>	3000K <i>(30)</i>	HIGH POWER	≥ 80 <i>(80)</i>	≥ 80 <i>(80)</i>	Opal <i>(OP)</i>	230VAC <i>(230)</i>	Non Dimmable <i>(ND)</i>	Function
	Black <i>(BL)</i>	4000K <i>(40)</i>	61.6W / 59x59cm <i>(62W5959)</i>	3000K	4000K	Low Glare <i>(LG) ***</i>		Analogue <i>(1-10V) (A1)</i>	Standard <i>(0XX)</i>
	Grey <i>(GR)</i>		93.6W / 86x86cm <i>(94W8686)</i>	14050lm	9750lm			DALI <i>(DL)</i>	Emergency <i>(1XX)</i>
			128.7W / 113x113cm <i>(129W113113)</i>	19320lm	20430lm			Wireless <i>(WL)</i>	Canopy - Wire Rope Length
ORBIT Pendant Direct High Efficiency <i>(ORBIT PDD HE)</i>			163.9W / 140x140cm <i>(164W140140)</i>	24590lm	26000lm				No Canopy - 1.5m <i>(X00)</i>
									3m <i>(X01)</i>
									Cable SF - 1.5m <i>(X10)</i>
									3m <i>(X11)</i>
									Cable RC - 1.5m <i>(X20)</i>
									3m <i>(X21)</i>
									Cable TR - 1.5m <i>(X30)</i>
									3m <i>(X31)</i>
									Hybrid SF - 1.5m <i>(X40)</i>
									3m <i>(X41)</i>
									Hybrid RC - 1.5m <i>(X50)</i>
									3m <i>(X51)</i>
									Hybrid TR - 1.5m <i>(X60)</i>
									3m <i>(X61)</i>

- * Custom luminaire colours available upon request.
- ** Available in CR190 upon request.
- *** Low Glare (UGR<20,8), Low UGR (UGR<18)

Ordering Code Example: ORBIT PDD HP-WH-30-94W8686-80-LG-230-ND-011





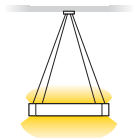
IP40

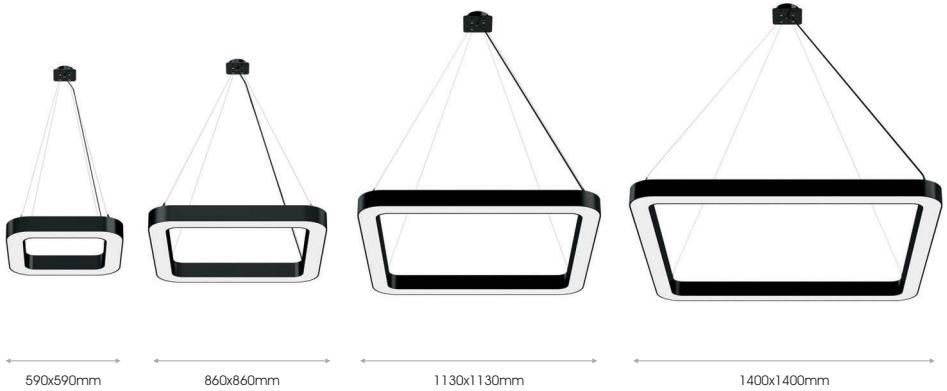
Pendant Direct-Indirect

Model	Luminaire Colour*	CCT DIRECT INDIRECT	Watt / Diameter	CRI** LED Source	CRI** LED Source	Type	Voltage	Dimming Option	Extras
ORBIT Pendant Direct-Indirect High Power <i>(ORBIT PDDI HP)</i>	White <i>(WH)</i>	3000K 3000K <i>(3030)</i>	HIGH POWER	≥ 80 <i>(80)</i> 3000K	≥ 80 <i>(80)</i> 4000K	Opal <i>(OP)</i>	230VAC <i>(230)</i>	Non Dimmable <i>(ND)</i>	Fuction Standard Emergency <i>(0XX)</i> <i>(1XX)</i>
	Black <i>(BL)</i>	3000K 4000K <i>(3040)</i>		DIRECT- INDIRECT	DIRECT- INDIRECT	Low Glare <i>(LG)***</i>		Analogue <i>(1-10V) (A1)</i>	
	Grey <i>(GR)</i>	92.5W / 59x59cm <i>(93W5959)</i>		9210lm 4610lm	9750lm 5070lm	DALI <i>(DL)</i> Wireless <i>(WL)</i>		Canopy - Wire Rope Length No Canopy - 1.5m <i>(X00)</i> 3m <i>(X01)</i> Cable SF - 1.5m <i>(X10)</i> 3m <i>(X11)</i> Cable RC - 1.5m <i>(X20)</i> 3m <i>(X21)</i> Cable TR - 1.5m <i>(X30)</i> 3m <i>(X31)</i> Hybrid SF - 1.5m <i>(X40)</i> 3m <i>(X41)</i> Hybrid RC - 1.5m <i>(X50)</i> 3m <i>(X51)</i> Hybrid TR - 1.5m <i>(X60)</i> 3m <i>(X61)</i>	
	4000K 4000K <i>(4040)</i>	144.5W / 86x86cm <i>(145W8686)</i>		14050lm 7770lm	14860lm 8540lm				
	4000K 3000K <i>(4030)</i>	194.1W / 113x113cm <i>(194W113113)</i>		19320lm 10140lm	20430lm 11150lm				
	251W / 140x140cm <i>(251W140140)</i>	24590lm 13520lm		26000lm 14870lm					
ORBIT Pendant Direct-Indirect High Efficiency <i>(ORBIT PDDI HE)</i>			HIGH EFFICIENCY	≥ 80 <i>(80)</i> 3000K	≥ 80 <i>(80)</i> 4000K		Opal <i>(OP)</i>		
				DIRECT- INDIRECT	DIRECT- INDIRECT	Low UGR <i>(LU)***</i>			
		33.8W / 59x59cm <i>(34W5959)</i>	3920lm 1770lm	4150lm 1940lm					
		50W / 86x86cm <i>(50W8686)</i>	5560lm 2980lm	5880lm 3280lm					
		65.8W / 113x113cm <i>(66W113113)</i>	7650lm 3640lm	8090lm 4000lm					
	84.9W / 140x140cm <i>(85W140140)</i>	9730lm 4850lm	10290lm 5330lm						

- * Custom luminaire colours available upon request.
- ** Available in CRI90 upon request.
- *** Low Glare (UGR<20.8), Low UGR (UGR<18)

Ordering Code Example: ORBIT PDDI HE-WH-30-66W113113-80-LU-230-ND-011





ORBIT PDD
HIGH POWER
HIGH EFFICIENCY

62W
23W

94W
33W

129W
45W

164W
57W

ORBIT PDDI
HIGH POWER
HIGH EFFICIENCY

93W
34W

145W
50W

194W
66W

251W
85W

Weight 4.40Kgs

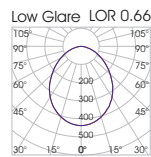
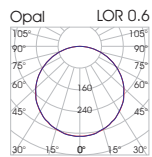
6.66Kgs

9Kgs

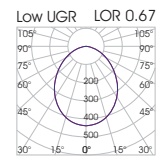
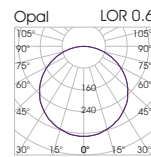
11.9Kgs

Direct

HIGH POWER

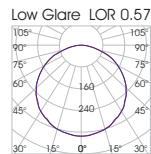
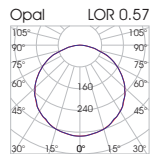


HIGH EFFICIENCY

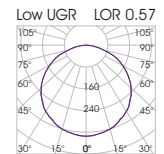
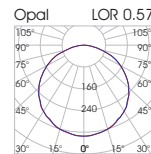


Indirect

HIGH POWER

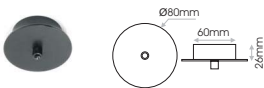


HIGH EFFICIENCY

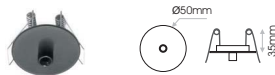


Canopies & Suspension

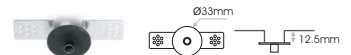
1. Cable SF (Surface)



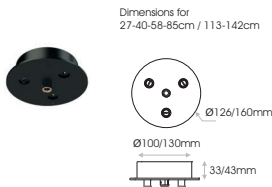
2. Cable RC (Recessed)



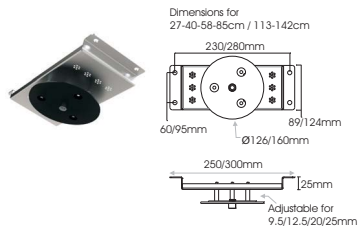
3. Cable TR (Trimless)



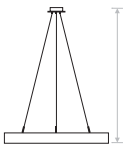
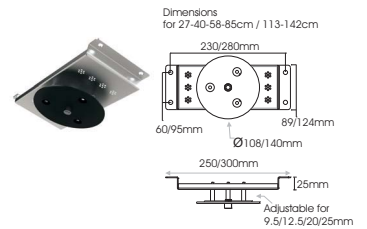
4. Hybrid SF (Surface)



5. Hybrid RC (Recessed)



6. Hybrid TR (Trimless)



Minimum allowed ceiling-luminaire distances for Hybrid canopies

for 27cm - 35cm for 85cm - 85cm
for 40cm - 40cm for 113cm - 110cm
for 58cm - 60cm for 142cm - 160cm

For smaller distances, mount the wire ropes directly to the ceiling and use cable canopies.