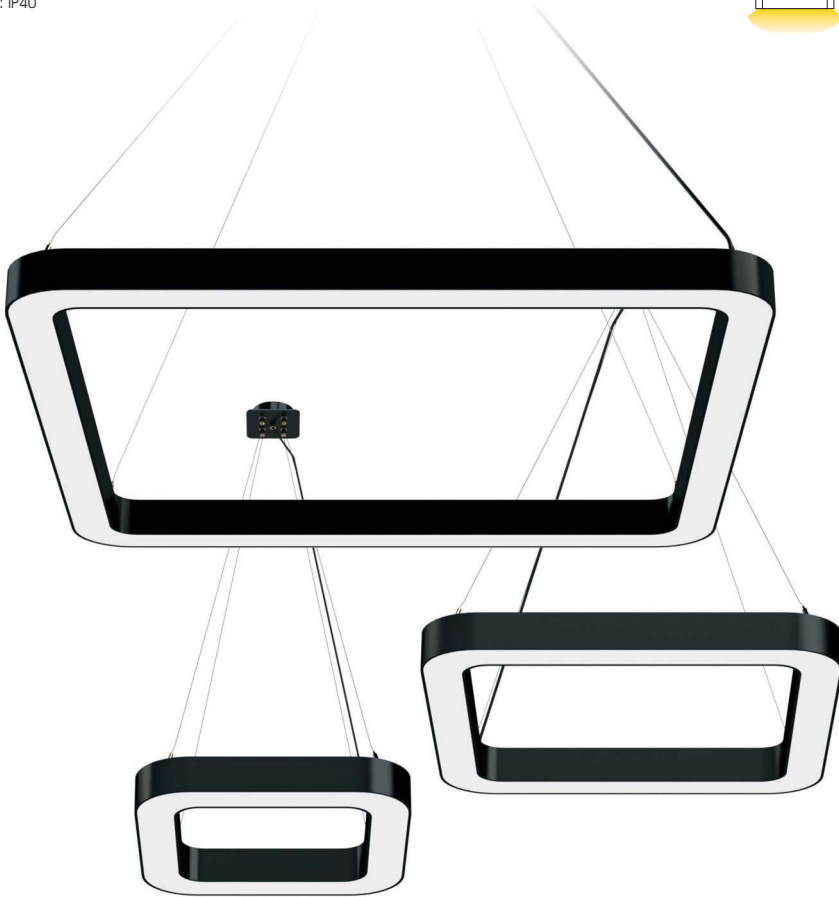
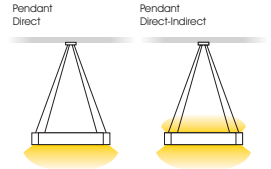


# ORBIT PDD/PDDI

## (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

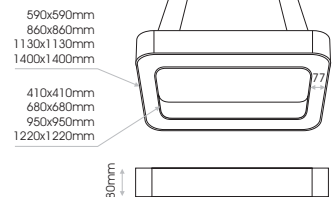


LED source efficacy up to 202lm/W (4000K)

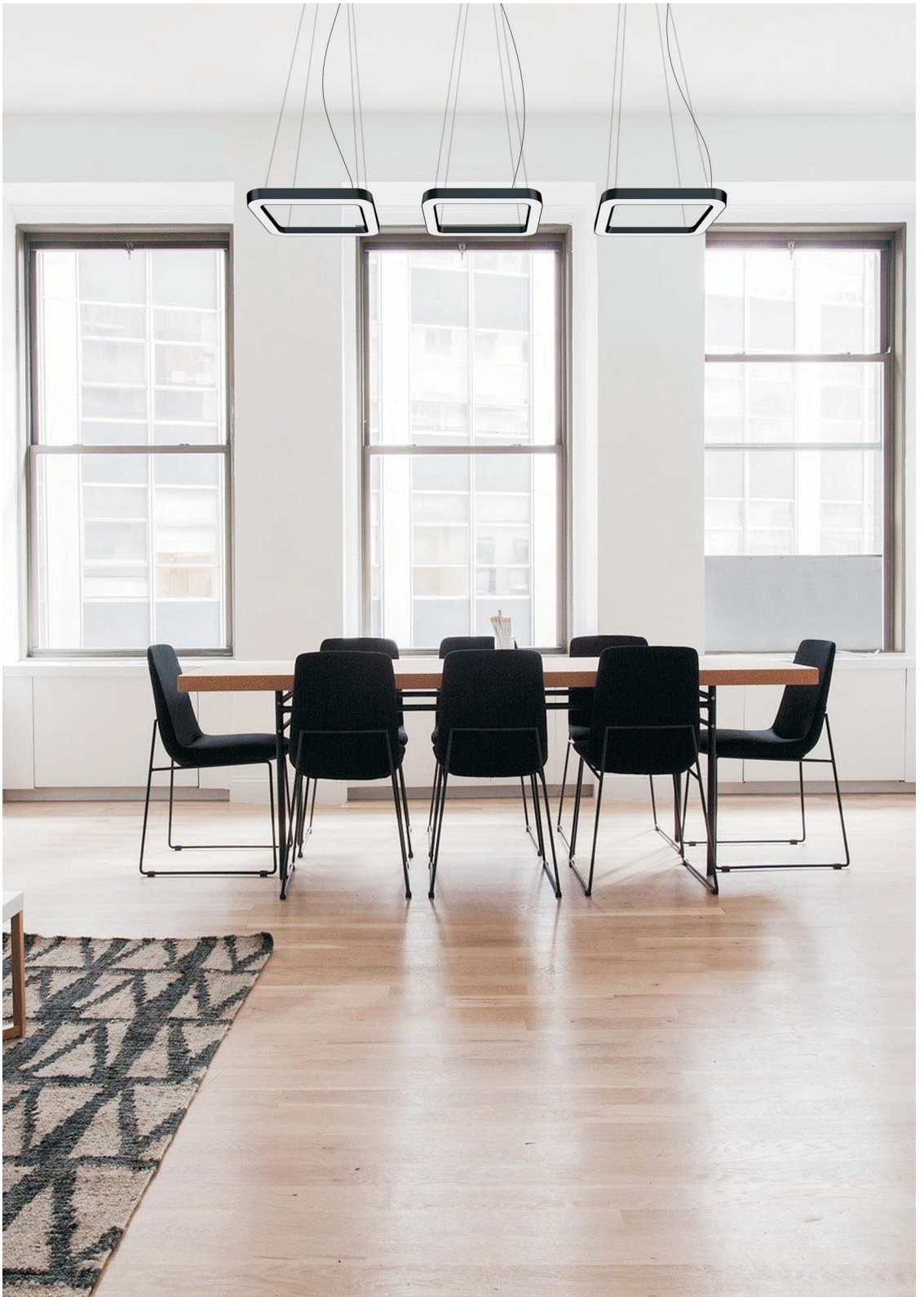
Luminaire efficacy up to 117lm/W (4000K)

**Available upon request:**

- ✓ Custom luminaire colours
- ✓ Emergency version



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

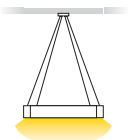


Pendant Direct

Model	Luminaire Colour*	CCT	Watt / Diameter	CRI** LED Source	CRI** LED Source	Type	Voltage	Dimming Option	Extras
<b>ORBIT Pendant Direct High Power</b> <i>(ORBIT PDD HP)</i>	White <i>(WH)</i>	3000K <i>(30)</i>	<b>HIGH POWER</b>	≥ 80 <i>(80)</i> <b>3000K</b>	≥ 80 <i>(80)</i> <b>4000K</b>	Opal <i>(OP)</i>	230VAC <i>(230)</i>	Non Dimmable <i>(ND)</i>	<b>Function</b> Standard <i>(0XX)</i> Emergency <i>(1XX)</i>
	Black <i>(BL)</i>	4000K <i>(40)</i>	61.6W / 59x59cm <i>(62W5959)</i>	9210lm	9750lm	Low Glare <i>(LG) ***</i>		Analogue <i>(1-10V) (A1)</i>  DALI <i>(DL)</i> Wireless <i>(WL)</i>	<b>Canopy - Wire Rope Length</b> 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>
	Grey <i>(GR)</i>		93.6W / 86x86cm <i>(94W8686)</i>	14050lm	14860lm				
			128.7W / 113x113cm <i>(129W113113)</i>	19320lm	20430lm				
		163.9W / 140x140cm <i>(164W140140)</i>	24590lm	26000lm					
<b>ORBIT Pendant Direct High Efficiency</b> <i>(ORBIT PDD HE)</i>			<b>HIGH EFFICIENCY</b>	≥ 80 <i>(80)</i> <b>3000K</b>	≥ 80 <i>(80)</i> <b>4000K</b>	Opal <i>(OP)</i>			
			23.4W / 59x59cm <i>(23W5959)</i>	3920lm	4150lm	Low UGR <i>(LU) ***</i>			
			32.8W / 86x86cm <i>(33W8686)</i>	5560lm	5880lm				
			45.1W / 113x113cm <i>(45W113113)</i>	7650lm	8090lm				
		57.4W / 140x140cm <i>(57W140140)</i>	9730lm	10290lm					

- \* 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

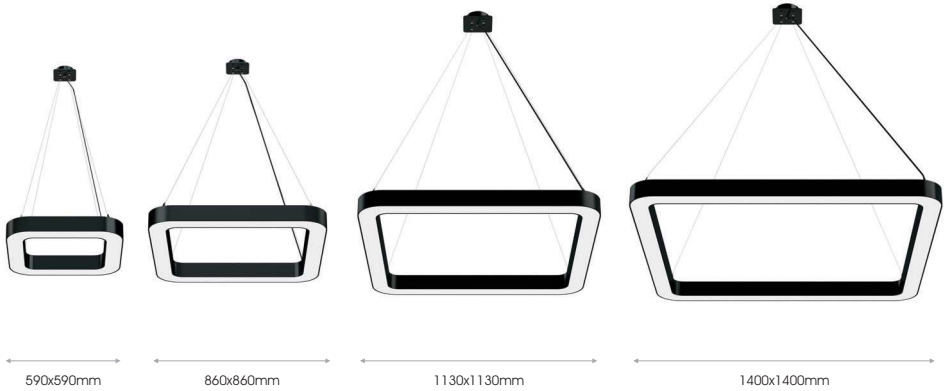
## Pendant Direct-Indirect

Model	Luminaire Colour*	CCT DIRECT INDIRECT	Watt / Diameter	CRI** LED Source	CRI** LED Source	Type	Voltage	Dimming Option	Extras
<b>ORBIT Pendant Direct-Indirect High Power</b> <i>(ORBIT PDDI HP)</i>	White <i>(WH)</i>	3000K 3000K <i>(3030)</i>	<b>HIGH POWER</b>	≥ 80 <i>(80)</i> <b>3000K</b>	≥ 80 <i>(80)</i> <b>4000K</b>	Opal <i>(OP)</i>	230VAC <i>(230)</i>	Non Dimmable <i>(ND)</i>	<b>Fuction</b> 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>		<b>Canopy - Wire Rope Length</b> 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				
<b>ORBIT Pendant Direct-Indirect High Efficiency</b> <i>(ORBIT PDDI HE)</i>			<b>HIGH EFFICIENCY</b>	≥ 80 <i>(80)</i> <b>3000K</b>	≥ 80 <i>(80)</i> <b>4000K</b>		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

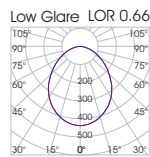
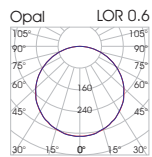
6.66Kgs

9Kgs

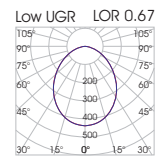
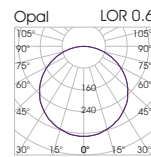
11.9Kgs

**Direct**

**HIGH POWER**

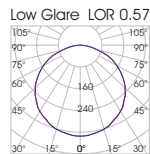
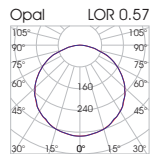


**HIGH EFFICIENCY**

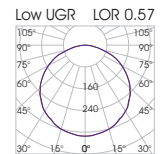
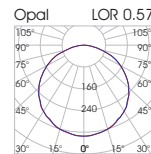


**Indirect**

**HIGH POWER**

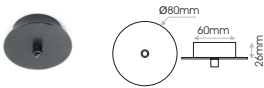


**HIGH EFFICIENCY**

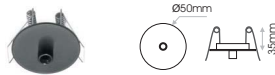


## Canopies & Suspension

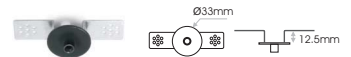
1. Cable SF (Surface)



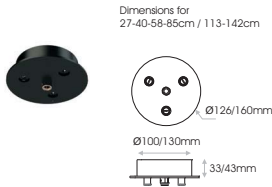
2. Cable RC (Recessed)



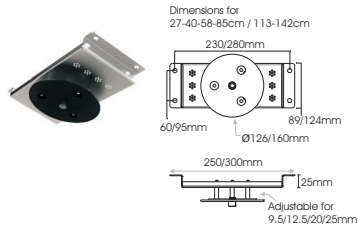
3. Cable TR (Trimless)



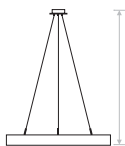
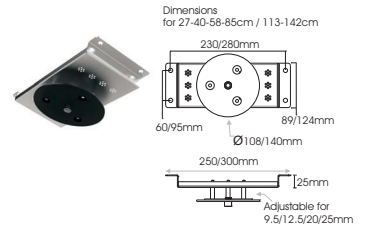
4. Hybrid SF (Surface)



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.