

O² Product Datasheet

O² Customisable Modular LED Luminaire with Dual Recessed Aperture Diffuser

Product Data

Part Code	R880303
Warranty	5 years
Applications	Interior
Certification(s)	CE, RoHS

Physical Data

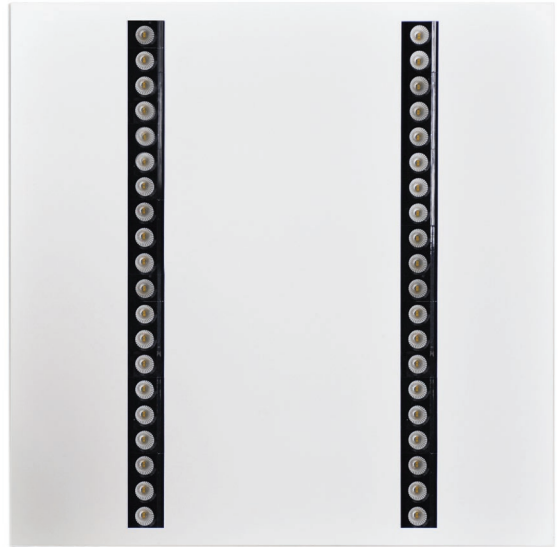
Colour Finish	White
Dimensions (mm)	595 x 595 x 36 mm
Luminaire Fixing	Lay in, suspended, surface mounted, burgess
Construction Material	Aluminium
Diffuser Type	TPa Rated
Unit Weight	3.15 Kg

Electrical Data

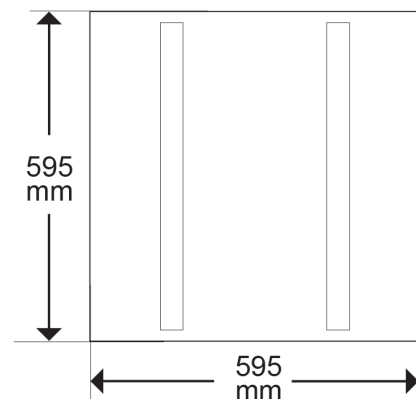
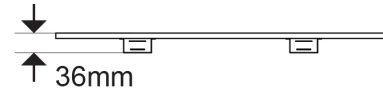
Voltage Range	AC220-240V	
Power Factor	>0.90	
Inrush Current	<60A	
Wattage	24W	32W
Running Current	DC600mA	DC800mA
Protection Class IEC	III (without driver) II (with driver)	

Performance Data

Lumens (±5%)	2160	2880
Colour Temperature	3000K, 4000K, 5000K, Tuneable White 3000-6500K	
Efficacy	~90Lm/W	
Operating Temperature	-20°C to +45°C	
Beam Angle	45°	
Operating Hours	>50000	
CRI	>85Ra	
IP Rating	IP20	
IK Rating	IK08	
Flicker-free	Yes	
Macadam Ellipse	≤3 sdcM	
L70 B50	100,000 hours	
L80 B50	90,000 hours	
L90 B50	42,000 hours	
LEDs	Samsung	



Manufactured with 94% recyclable materials

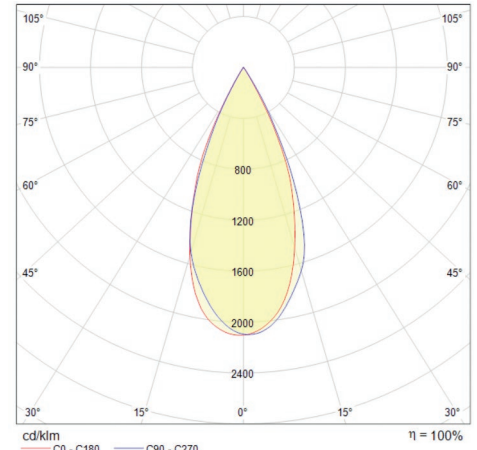


O² Modular Dual Recessed Aperture Diffuser

Part Code: R880303

Suffix	Option	
/3K	3000K	} 1 st Add colour temperature suffix
/4K	4000K	
/5K	5000K	
/TW	Tuneable white	
/24W	24W	} 2 nd Add wattage suffix
/32W	32W	
/DH	Mains dimming	} 3 rd Add dimming suffix
/DD	DALI dimming	
/DL	0-10V dimming	
/DSI	DSI dimming	
/PIR	PIR	} 4 th Add controls suffix
/CC	Casambi	

Light Distribution:



UGR<6

Example: R880303/3K/24W/DD/PIR

O2 with dual recessed aperture diffuser in 3000K, 24W with a DALI driver and PIR sensor

O² modular add on items

Part code	Option
R10-03E (DC)	3 hour emergency pack
R10-03(DC)/DDPRO	DALI addressable panel emergency pack
RE01	4 point suspension kit
RE06	Y suspension kit
RE05	Surface mounting frame
RE09	Burgess clips

