

O² Product Datasheet

Customisable Modular LED Luminaire with Glare Control Diffuser

Product Data

Warranty	5 years
Applications	Interior
Certification(s)	UKCA, 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	TP(a) Rated
Unit Weight	3.15 Kg

Electrical Data

Voltage Range	AC220-240V
Power Factor	>0.90
Inrush Current	<60A
Protection Class IEC	III (without driver) II (with driver)

Performance Data

Colour Temperature	3000K, 4000K, 5000K, Tunable White 3000-6500K
Efficacy	~100Lm/W
Operating Temperature	-20°C to +45°C
Beam Angle	120°
Operating Hours	>50000
CRI	>85Ra
IP Rating	IP20
IK Rating	IK08
Flicker-free	Yes
Macadam Ellipse	≤3 sdcn
L70 B50	100,000 hours
L80 B50	90,000 hours
L90 B50	42,000 hours
LEDs	Samsung

Option for double (O²) or triple diffuser (O² Performance)

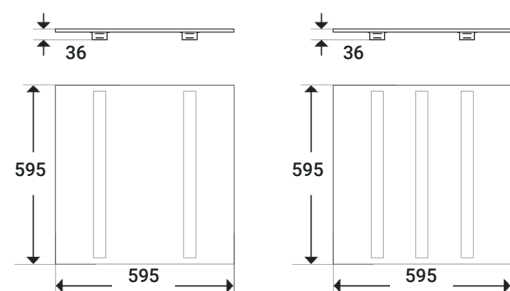


Manufactured with 94% recyclable materials

Part Codes

	Modules	Wattage	Lumens (at 4000K)	Running Current
R880202/24W	Two	24W	2412	DC600mA
R880202/32W		32W	3233	DC800mA
R89020202/36W	Three	36W	3618	DC900mA
R89020202/48W		48W	4854	DC1100mA

Dimensions (mm)

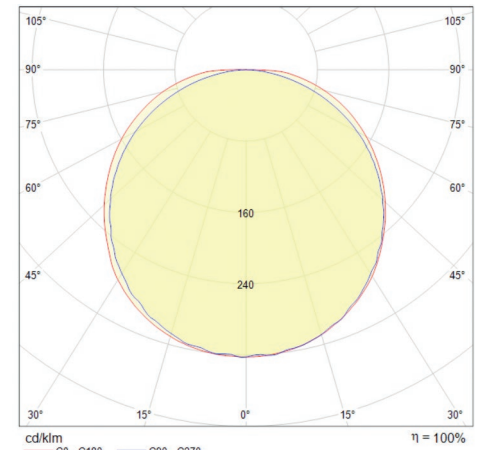


O² Modular Glare Control Diffuser

Part Code: R880202, R89020202

Suffix	Option	
/3K	3000K	} 1 st Add colour temperature suffix
/4K	4000K	
/5K	5000K	
/TW	Tuneable white	
/24W	24W (double module)	} 2 nd Add wattage suffix
/32W	32W (double module)	
/36W	36W (triple module)	
/48W	48W (triple module)	
/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<16

Example: **R88020202/3K/48W/DD**
 O2 with triple LG7 diffuser in 3000K, 48W with a DALI driver



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
RE60	Surface mounting frame
RE09	Burgess clips