

# O<sup>2</sup> Product Datasheet

Customisable Modular LED Luminaire with Mirror Louvre 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

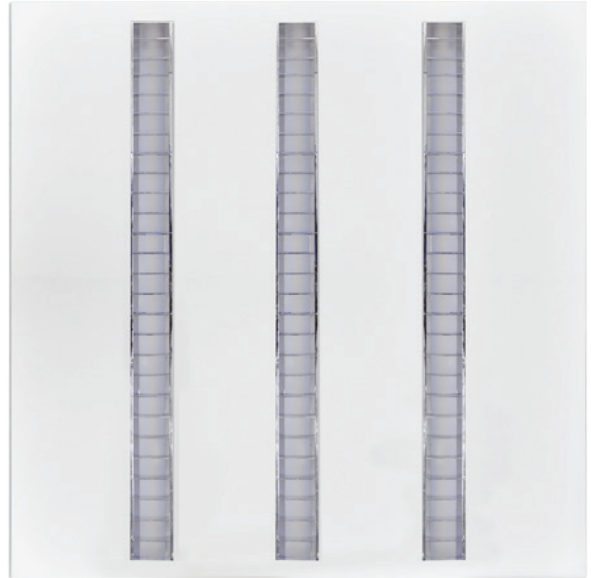
## Electrical Data

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, Tuneable White 3000-6500K
Efficacy	~105Lm/W
Operating Temperature	-20°C to +45°C
Beam Angle	70°
Operating Hours	>50000
CRI	>85 Ra
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

Option for double (O<sup>2</sup>) or triple diffuser (O<sup>2</sup> Performance)

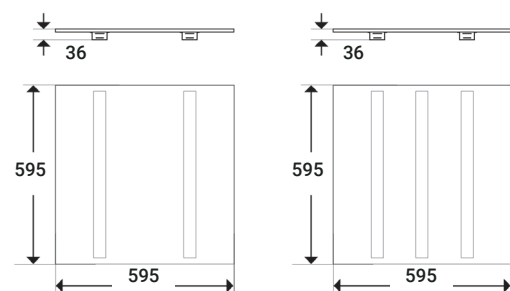


Manufactured with 94% recyclable materials

## Part Codes

	Modules	Wattage	Lumens (at 4000K)	Running Current
R880606/24W	Two	24W	2412	DC600mA
R880606/32W		32W	3362	DC800mA
R89060606/36W	Three	36W	3618	DC900mA
R89060606/48W		48W	5051	DC1100mA

## Dimensions (mm)

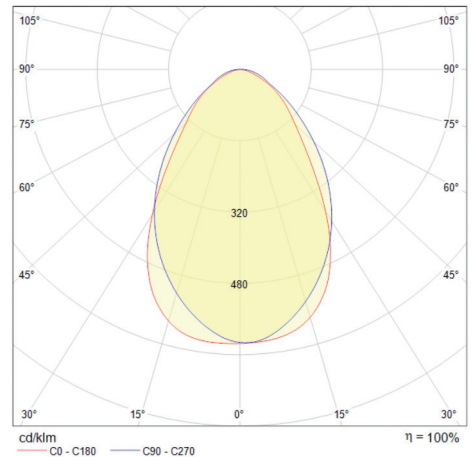


# O<sup>2</sup> Modular Mirror Louvre Diffuser

Part Codes: R880606, R88060606

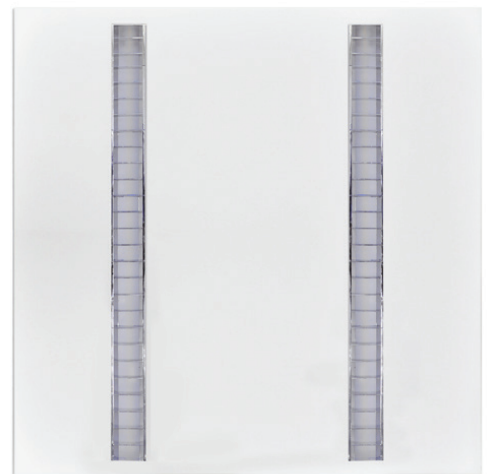
Suffix	Option	
/3K	3000K	} 1 <sup>st</sup> Add colour temperature suffix
/4K	4000K	
/5K	5000K	
/TW	Tunable white	
/24W	24W (double module)	} 2 <sup>nd</sup> Add wattage suffix
/32W	32W (double module)	
/36W	36W (triple module)	
/48W	48W (triple module)	
/DH	Mains dimming	} 3 <sup>rd</sup> Add dimming suffix
/DD	DALI dimming	
/DL	0-10V dimming	
/DSI	DSI dimming	
/PIR	PIR	} 4 <sup>th</sup> Add controls suffix
/CC	Casambi	

Light Distribution:



UGR < 16

**Example:** R880606/3K/24W/DD/PIR  
 O<sup>2</sup> with dual mirror louvre diffuser in 3000K, 24W with a DALI driver and PIR sensor



## O<sup>2</sup> modular add on items

Part code	Option
R10-03E (DC)	3 hour emergency pack
R10-03(DC)/DDPRO	DALI addressable panel emergency pack
R10-03E(DC)/Z10	Z10 Remote control emergency kit (manual or advanced self-test)
R10-Z10	Z10 Emergency remote control
RE01	4 point suspension kit
RE06	Y suspension kit
RE60	Surface mounting frame
RE09	Burgess clips

