

# OPTICLIP R 600 840 2L WHT MP

Item No: 0034005



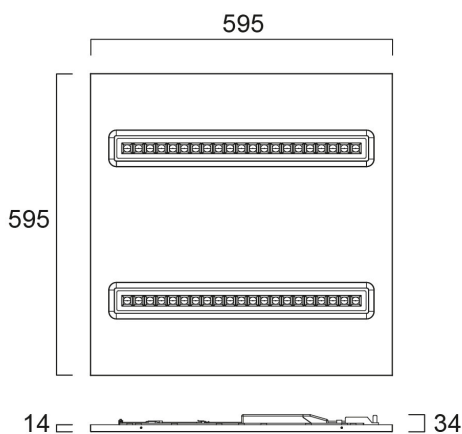
**PRO**<sup>TM</sup>



OPTICLIP R 600 840 2L WHT MP is a high efficacy low glare ceiling recessed mounted luminaire with replaceable light engines for office and education applications. White colour plastic optic (reflector + lens), direct light distribution. Luminaire dimensions: 595x595x17mm. White body colour (RAL9016), IP40 (from the front), IK07, 8-steps dip switch non-dimmable driver, 15.5-33W power consumption, (output options: 4700lm/33W, 4500lm/31W, 4100lm/28W, 3750lm/25.5W, 3450lm/23W, 3050lm/20.5W, 2700lm/18.5W and 2250lm/15.5W), 4000K (neutral white) CCT, 4700lm luminous flux at 900mA drive current level, 142lm/W system efficacy, CRI>80, SDCM≤3 (3-step MacAdam ellipse) LED Colour Consistency, UGR<16, luminance at 65° < 1000 cd/m<sup>2</sup>. Lifespan: 100,000 hours L80B20, photobiological safety risk group 0. Electrical protection Class II. Glow wire test 850°C.

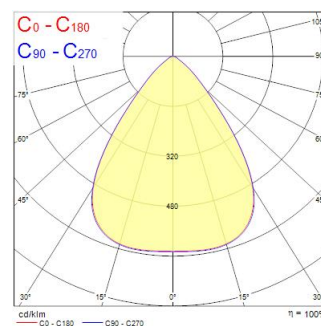
## Technical Assets

### Dimensions (mm)



### Photometrics

Distance [m]	Cone diameter [m]	Beam diameter [m]	Beam diameter [ft]	Illuminance [lx]
0.5	0.78 0.78	Ø107	35.0"	11730
		Ø100	32.8"	2905
		Ø100	32.8"	2905
1.0	1.56 1.56	Ø107	35.0"	2905
		Ø100	32.8"	721
		Ø100	32.8"	721
1.5	2.34 2.34	Ø107	35.0"	1304
		Ø100	32.8"	345
		Ø100	32.8"	345
2.0	3.13 3.11	Ø107	35.0"	734
		Ø100	32.8"	183
		Ø100	32.8"	183
2.5	3.91 3.89	Ø107	35.0"	470
		Ø100	32.8"	116
		Ø100	32.8"	117
3.0	4.69 4.67	Ø107	35.0"	309
		Ø100	32.8"	81
		Ø100	32.8"	81



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**SYLVANIA**

## General data

Product name	OPTICLIP R 600 840 2L WHT MP
Technology	LED
Cap/Base	N/A
Housing	Steel
Mount	Ceiling recessed mounting
Built in presence detector	NONE
General application	Office, Education
Operating temperature range (°C)	5°C...+35°C
Performance ambient temperature Tq (°C)	25
Virtual assistant compatibility	N/A
ETIM Class	EC002892
E-number FI	4170618
Warranty	5 years

## Optical data

Fixture luminous flux (lm)	4700
Luminaire efficacy (lm/W)	142
Correlated colour temperature (k)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM3
Beam Angle (°)	75
Distribution type	Symmetric
Glare control	< 16
Photobiological Risk Group	RG0

## Electrical data

Emergency type	
Total power consumption (W)	33
Primary Supply/Product voltage - min (V)	220.0
Primary Supply/Product voltage - max (V)	240.0
Lamp power factor	0.9
THD (at 230 V, 50 Hz, full load, at 100% dimming level) ≤ xx.x %	15
Electrical protection	Class II
Control gear required	No
Control gear type	LED driver constant current
Dimmable	No
Dimming method	N/A
Min. drive current (mA)	400
Max. drive current (mA)	900
Drive current - Range (mA)	400mA / 900mA
Inrush Current (A)	25
Inrush Duration (µs)	200
Energy Efficiency Class (A->G) of contained light source	D
Nominal Frequency (Hz)	50/60Hz
LED Flickering Rate	Ultra low (5% or less)
Max. products per 10A C Breaker	34
Max. products per 13A C Breaker	42
Max. products per 16A C Breaker	56
Max. products per 20A C Breaker	66
Max. products per 10A B Breaker	20
Max. products per 13A B Breaker	26
Max. products per 16A B Breaker	33
Max. products per 20A B Breaker	41
Connectable conductor cross section - Min (mm <sup>2</sup> )	0.75
Connectable conductor cross section - Max (mm <sup>2</sup> )	1.5

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## Lifetime data

Lifespan L70 B50	100000
Lifespan L80 B20	100000
Lifespan L90 B20	50000

## Physical data

Housing colour	RAL 9016 - Traffic white / Bezel
IP rating	IP40/20
IK rating	IK07
Diffuser finish	Other
Diffuser material	None
Reflector finish	Matt
Nominal Product Length (mm)	595
Nominal Product Width (mm)	595
Nominal Product Height (mm)	14
Weight (kg)	2.66

## Packaging

Product EAN number	5410288340050
Packaging single length / height (cm)	60.0
Packaging single width (cm)	3.4
Packaging single depth (cm)	66.9
DUN14 (inner)	15410288340057
Units per outer package	4
Packaging outer length / height (cm)	68.5
Packaging outer width (cm)	61.5
Packaging outer depth (cm)	15.5

## Safety data

Glow Wire Test (°C)	650
Optimal operating condition (°C)	5-35
Dry applications use only	No