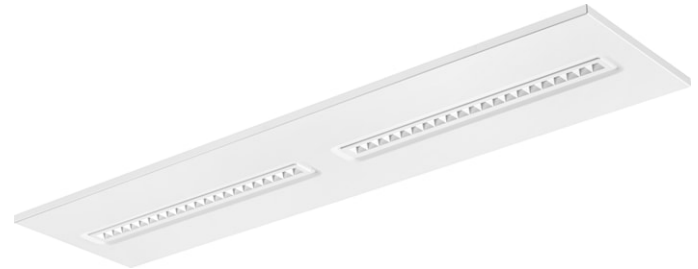
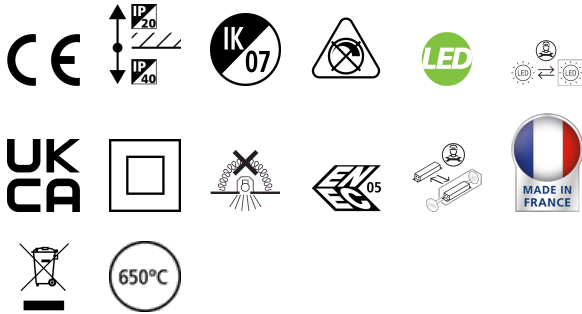


# OPTICLIP R 1200 840 1L WHT MP

Item No: 0034020

**SYLVANIA**

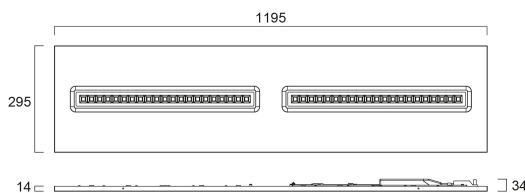
**PRO**<sup>TM</sup>



OPTICLIP R 1200 840 1L 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: 1195x295x17mm. 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<19, luminance at 65° < 2000 cd/m<sup>2</sup>. Lifespan: 100,000 hours L80B20, photobiological safety risk group 0. Electrical protection Class II. Glow wire test 850°C.

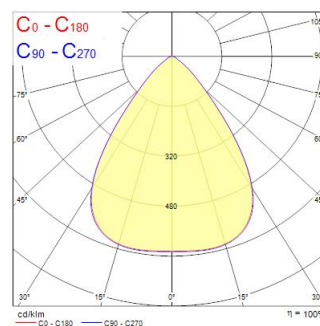
## Technical Assets

### Dimensions (mm)



### Photometrics

Distance [m]	Cone diameter [m]	Beam diameter [m]	Beam angle [°]	Illuminance [lx]
0.5	0.78	0.78	30.0°	1170
			30.0°	2900
			37.5°	260
1.0	1.56	1.56	30.0°	290
			30.0°	721
			37.5°	72
1.5	2.34	2.34	30.0°	194
			30.0°	361
			37.5°	32
2.0	3.13	3.11	30.0°	145
			30.0°	182
			37.5°	18
2.5	3.91	3.89	30.0°	116
			30.0°	145
			37.5°	17
3.0	4.69	4.67	30.0°	91
			30.0°	116
			37.5°	15



# OPTICLIP R 1200 840 1L WHT MP

Item No: 0034020

**SYLVANIA**

## General data

Product name	OPTICLIP R 1200 840 1L 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...+25°C
Performance ambient temperature Tq (°C)	25
Virtual assistant compatibility	N/A
ETIM Class	EC002892
E-number FI	4170633
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	< 19
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)	20
Inrush Duration (µs)	120
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

# OPTICLIP R 1200 840 1L WHT MP

Item No: 0034020

**SYLVANIA**

## 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)	1195
Nominal Product Width (mm)	295
Nominal Product Height (mm)	14
Weight (kg)	2.8

## Packaging

Product EAN number	5410288340203
Packaging single length / height (cm)	120.0
Packaging single width (cm)	4.0
Packaging single depth (cm)	30.0
DUN14 (inner)	05410288340203
Units per outer package	1
Packaging outer length / height (cm)	120.0
Packaging outer width (cm)	4.0
Packaging outer depth (cm)	30.0

## Safety data

Glow Wire Test (°C)	650
Optimal operating condition (°C)	5-25
Dry applications use only	No