

### Features

- OPTICLIP R 600 830 2L BLK MP is a high efficacy low glare ceiling recessed mounted luminaire with replaceable light engines for office and education applications. Black colour plastic optic (reflector + lens), direct light distribution. Luminaire dimensions: 595x595x17mm. Black body colour (RAL9005), IP40 (from the front), IK07, 8-steps dip switch non-dimmable driver, 15.5-33W power consumption, (output options: 3900lm/33W, 3650lm/31W, 3450lm/28W, 3150lm/25.5W, 2900lm/23W, 2550lm/20.5W, 2250lm/18.5W and 1800lm/15.5W), 3000K (warm white) LED CCT, 3900lm luminous flux at 900mA drive current level, 118lm/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.

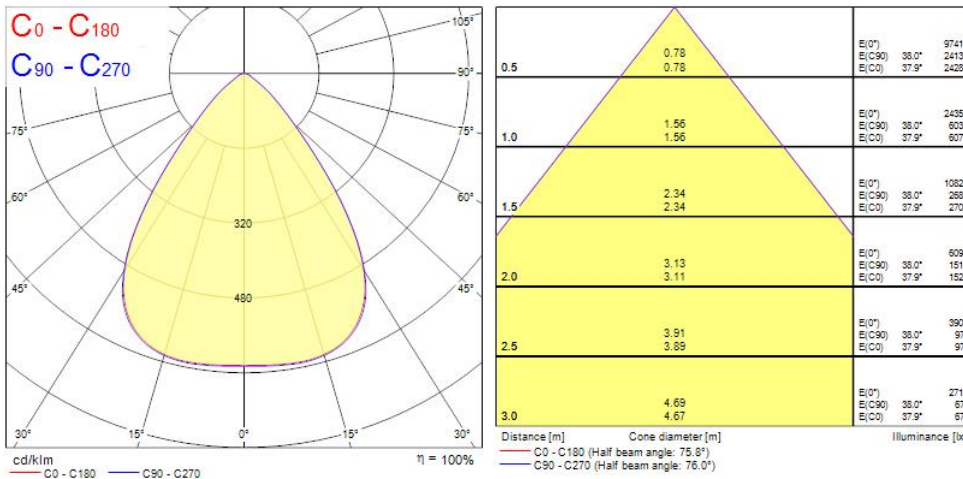
### Product Overview

<b>Product name</b>	OPTICLIP R 600 830 2L BLK MP
<b>Technology</b>	LED
<b>Cap/Base</b>	N/A
<b>Housing</b>	Steel
<b>Mount</b>	Ceiling recessed mounting
<b>General application</b>	Education, Office
<b>ETIM Class</b>	EC002892
<b>E-number FI</b>	4170643
<b>Fixture luminous flux (lm)</b>	3900
<b>Luminaire efficacy (lm/W)</b>	118
<b>Correlated colour temperature (k)</b>	3000
<b>Light colour</b>	Warm White

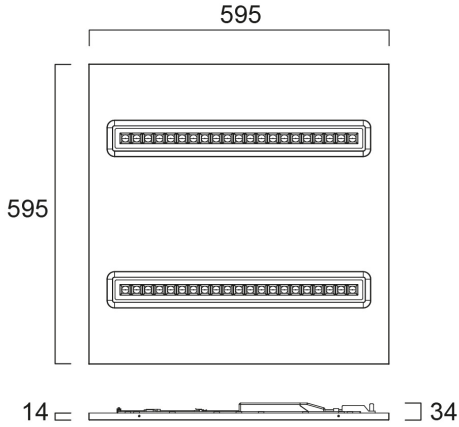
## OPTICLIP R 600 830 2L BLK MP 0034040

CRI (Ra)	80
Colour Variation Initial (SDCM)	3
Beam Angle (°)	75
Glare control	< 16
Photobiological Risk Group	RG0
Total power consumption (W)	33
Electrical protection	Class II
Control gear type	LED driver constant current
Dimmable	No
LED Flickering Rate	Ultra low (5% or less)
Housing colour	RAL9005
IP rating	IP40/20
IK rating	IK07
Product EAN number	5410288340401
Warranty	5 years
Dimming method	N/A

### Photometry



### Technical drawings



### Data table

#### GENERAL DATA

Product name	OPTICLIP R 600 830 2L BLK MP
Technology	LED
Cap/Base	N/A
Housing	Steel
Mount	Ceiling recessed mounting
General application	Education, Office
Operating temperature range (°C)	5°C...+25°C
Performance ambient temperature Tq (°C)	25
ETIM Class	EC002892
E-number FI	4170643
Warranty	5 years

#### OPTICAL DATA

Fixture luminous flux (lm)	3900
Luminaire efficacy (lm/W)	118

## OPTICLIP R 600 830 2L BLK MP 0034040

Correlated colour temperature (k)	3000
Light colour	Warm White
CRI (Ra)	80
Colour Variation Initial (SDCM)	3
Beam Angle (°)	75
Distribution type	Symmetric
Glare control	< 16
Photobiological Risk Group	RG0

### ELECTRICAL DATA

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
Drive current (mA)	900
Inrush Current (A)	20
Inrush Duration (µs)	120
Energy Efficiency Class (A->G) of contained light source	E
Nominal Frequency (Hz)	50/60Hz
LED Flickering Rate	Ultra low (5% or less)
Max. products per 10A C Breaker	22
Max. products per 16A C Breaker	35
Max. products per 10A B Breaker	22
Max. products per 16A B Breaker	35
Connectable conductor cross section - Max (mm <sup>2</sup> )	1.5

### LIFETIME DATA

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

### PHYSICAL DATA

Housing colour	RAL9005
IP rating	IP40/20
IK rating	IK07
Diffuser finish	Other
Diffuser material	None
Nominal Product Length (mm)	595
Nominal Product Width (mm)	595
Nominal Product Height (mm)	14
Weight (kg)	2.8

### PACKAGING

Product EAN number	5410288340401
Packaging single length / height (cm)	60.0
Packaging single width (cm)	4.0
Packaging single depth (cm)	60.0
DUN14 (inner)	05410288340401
Units per outer package	1
Packaging outer length / height (cm)	60.0
Packaging outer width (cm)	4.0
Packaging outer depth (cm)	60.0

### SAFETY DATA

Glow Wire Test (°C)	650
Optimal operating condition (°C)	5-25
Special purpose lamp	No
Dry applications use only	No
Suitable for household illumination	No

# **SYLVANIA**

OPTICLIP R 600 830 2L BLK MP  
**0034040**

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**Light your world**