

### Features

- OPTICLIP R 600 840 2L WHT DALI 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, DALI Dimmable driver, 33W power consumption, 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 1. Electrical protection Class II. Glow wire test 850°C.

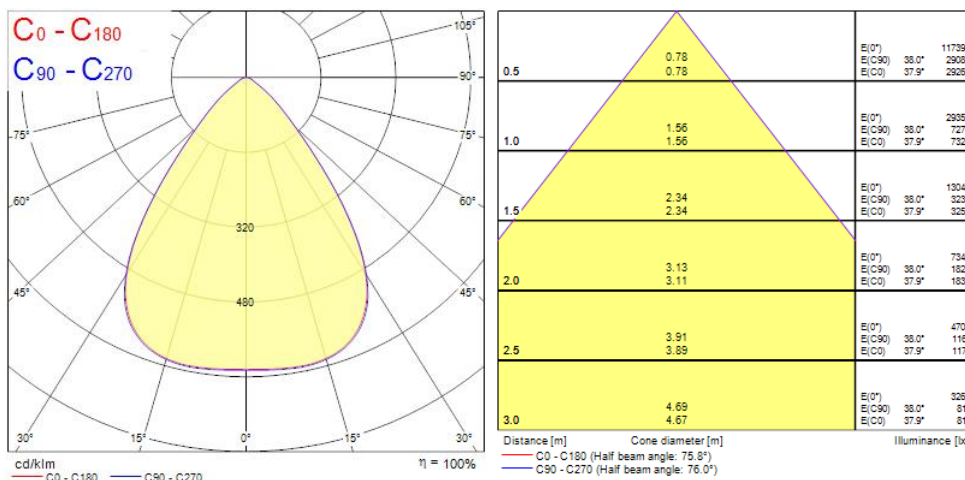
### Product Overview

Product name	OPTICLIP R 600 840 2L WHT DALI
Technology	LED
Cap/Base	N/A
Housing	Steel
Mount	Ceiling recessed mounting
General application	Education, Office
ETIM Class	EC002892
E-number FI	4170619
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)	3
Beam Angle (°)	75

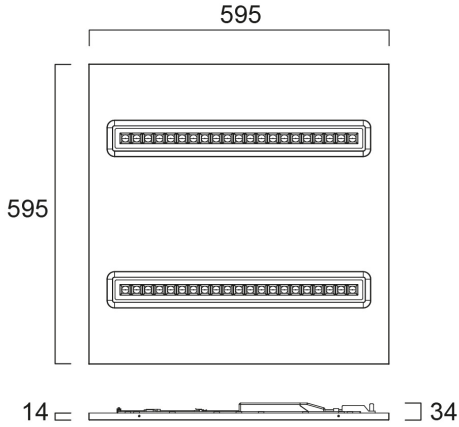
## OPTICLIP R 600 840 2L WHT DALI 0034006

Glare control	< 16
Photobiological Risk Group	RG1
Total power consumption (W)	33
Electrical protection	Class II
Control gear type	LED driver constant current
Dimmable	Yes
Minimum dimming level (%)	1
LED Flickering Rate	Ultra low (5% or less)
Housing colour	RAL9016
IP rating	IP40/20
IK rating	IK07
Product EAN number	5410288340067
Warranty	5 years
Dimming method	DALI

### Photometry



### Technical drawings



### Data table

#### GENERAL DATA

Product name	OPTICLIP R 600 840 2L WHT DALI
Technology	LED
Cap/Base	N/A
Housing	Steel
Mount	Ceiling recessed mounting
General application	Education, Office
Operating temperature range (°C)	5°C...+35°C
Performance ambient temperature Tq (°C)	25
ETIM Class	EC002892
E-number FI	4170619
Warranty	5 years

#### OPTICAL DATA

Fixture luminous flux (lm)	4700
Luminaire efficacy (lm/W)	142

## OPTICLIP R 600 840 2L WHT DALI 0034006

Correlated colour temperature (k)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	3
Beam Angle (°)	75
Distribution type	Symmetric
Glare control	< 16
Photobiological Risk Group	RG1

### 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	Yes
Dimming method	DALI
Minimum dimming level (%)	1
Min. drive current (mA)	400
Max. drive current (mA)	900
Drive current - Range (mA)	400mA / 900mA
Inrush Current (A)	5.6
Inrush Duration (µs)	50
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	37
Max. products per 16A C Breaker	59
Max. products per 16A B Breaker	59

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Connectable conductor cross section - Max (mm <sup>2</sup> )	2.5
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### LIFETIME DATA

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

### PHYSICAL DATA

Housing colour	RAL9016
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)	2.77

### PACKAGING

Product EAN number	5410288340067
Packaging single length / height (cm)	60.0
Packaging single width (cm)	3.4
Packaging single depth (cm)	66.9
DUN14 (inner)	15410288340064
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

## OPTICLIP R 600 840 2L WHT DALI 0034006

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Special purpose lamp	No
Dry applications use only	No
Suitable for household illumination	No