

Features

- OPTICLIP R 600 940 2L WHT SSC 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, SylSmart Standalone capable, 34W power consumption, 4000K (neutral white) CCT, 4250lm luminous flux at 900mA drive current level, 125lm/W system efficacy, CRI>90, SDCM≤3 (3-step MacAdam ellipse) LED Colour Consistency, UGR<16, luminance at 65° < 1000 cd/m². Lifespan: 100,000 hours L80B20, photobiological safety risk group 0. Electrical protection Class II. Glow wire test 850°C.

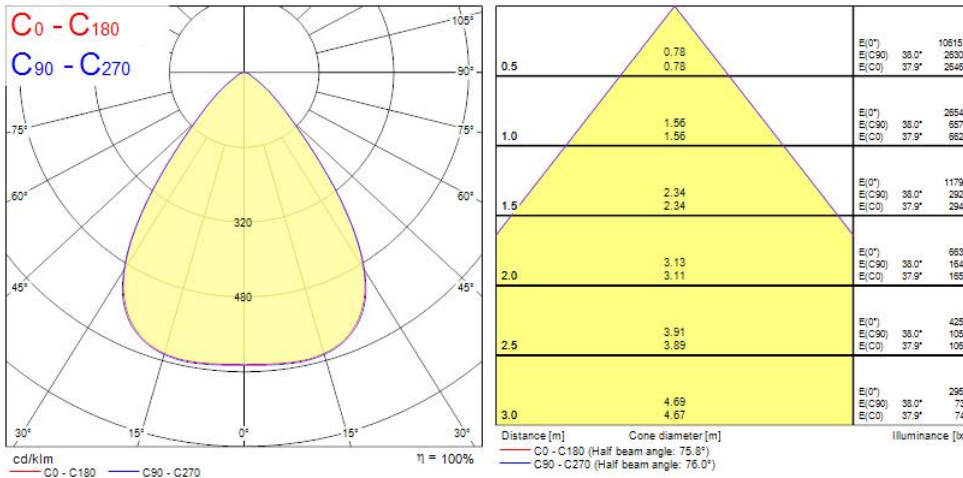
Product Overview

| | |
|-----------------------------------|-------------------------------|
| Product name | OPTICLIP R 600 940 2L WHT SSC |
| Technology | LED |
| Cap/Base | N/A |
| Housing | Steel |
| Mount | Ceiling recessed mounting |
| General application | Education, Office |
| ETIM Class | EC002892 |
| E-number FI | 4170625 |
| Fixture luminous flux (lm) | 4250 |
| Luminaire efficacy (lm/W) | 125 |
| Correlated colour temperature (k) | 4000 |
| Light colour | Neutral White |
| CRI (Ra) | 90 |
| Colour Variation Initial (SDCM) | 3 |
| Beam Angle (°) | 75 |

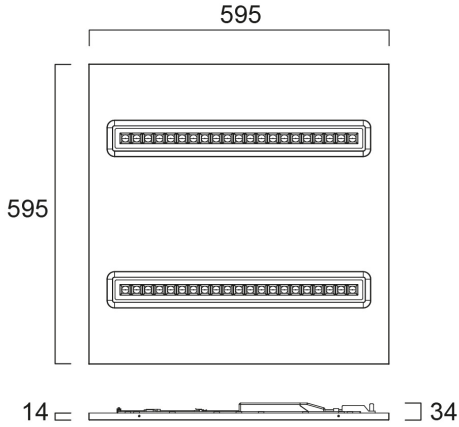
OPTICLIP R 600 940 2L WHT SSC 0034012

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|-----------------------------|-----------------------------|
| Glare control | < 16 |
| Photobiological Risk Group | RG0 |
| Total power consumption (W) | 34 |
| 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 | 5410288340128 |
| Warranty | 5 years |
| Dimming method | SylSmart SSC |

Photometry



Technical drawings



Data table

GENERAL DATA

| | |
|---|-------------------------------|
| Product name | OPTICLIP R 600 940 2L WHT SSC |
| 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 | 4170625 |
| Warranty | 5 years |

OPTICAL DATA

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|----------------------------|------|
| Fixture luminous flux (lm) | 4250 |
| Luminaire efficacy (lm/W) | 125 |

OPTICLIP R 600 940 2L WHT SSC 0034012

| | |
|-----------------------------------|---------------|
| Correlated colour temperature (k) | 4000 |
| Light colour | Neutral White |
| CRI (Ra) | 90 |
| Colour Variation Initial (SDCM) | 3 |
| Beam Angle (°) | 75 |
| Distribution type | Symmetric |
| Glare control | < 16 |
| Photobiological Risk Group | RG0 |

ELECTRICAL DATA

| | |
|--|-----------------------------|
| Total power consumption (W) | 34 |
| Primary Supply/Product voltage - min (V) | 220.0 |
| Primary Supply/Product voltage - max (V) | 240.0 |
| Lamp power factor | 0.98 |
| THD (at 230 V, 50 Hz, full load, at 100% dimming level) ≤ xx.x % | 5 |
| Electrical protection | Class II |
| Control gear required | No |
| Control gear type | LED driver constant current |
| Dimmable | Yes |
| Dimming method | SylSmart SSC |
| Minimum dimming level (%) | 1 |
| Drive current (mA) | 900 |
| Max. drive current (mA) | 900 |
| Drive current - Range (mA) | / 900mA |
| Inrush Current (A) | 23 |
| Inrush Duration (µs) | 200 |
| 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 | 23 |
| Max. products per 13A C Breaker | 31 |
| Max. products per 16A C Breaker | 38 |
| Max. products per 20A C Breaker | 48 |

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| | |
|--|-----|
| Max. products per 10A B Breaker | 14 |
| Max. products per 13A B Breaker | 19 |
| Max. products per 16A B Breaker | 23 |
| Max. products per 20A B Breaker | 29 |
| Connectable conductor cross section - Max (mm ²) | 2.5 |

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) | 2.9 |

PACKAGING

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|---------------------------------------|----------------|
| Product EAN number | 5410288340128 |
| Packaging single length / height (cm) | 60.0 |
| Packaging single width (cm) | 4.0 |
| Packaging single depth (cm) | 60.0 |
| DUN14 (inner) | 05410288340128 |
| 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 |