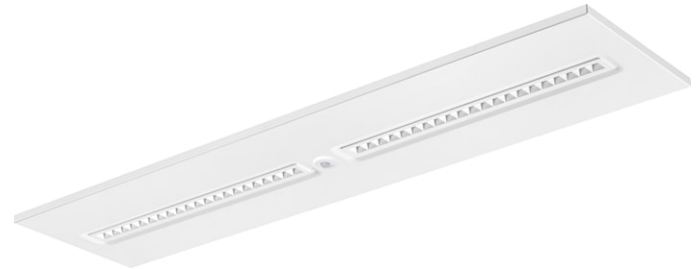
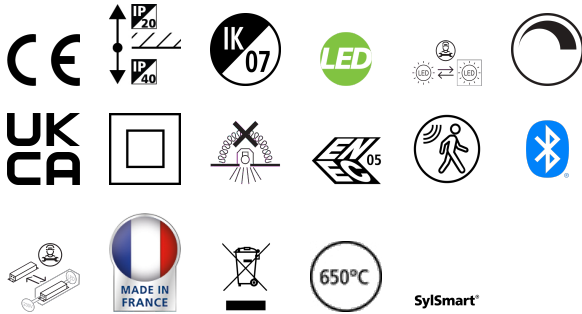


OPTICLIP R 1200 830 1L WHT SSA03

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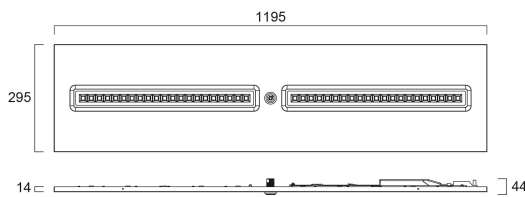
PROTM



OPTICLIP R 1200 830 1L WHT SSA03 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: 1195x295x44mm. White body colour (RAL9016), IP40 (from the front), IK07, SylSmart Connected enabled with integrated sensor, 33.5W power consumption, 3000K (warm white) LED CCT, 4450lm luminous flux at 900mA drive current level, 131lm/W system efficacy, CRI>80, SDCM≤3 (3-step MacAdam ellipse) LED Colour Consistency, UGR<19, luminance at 65° < 2000 cd/m2. Lifespan: 100,000 hours L80B20, photobiological safety risk group 0. Electrical protection Class II. Glow wire test 850°C.

Technical Assets

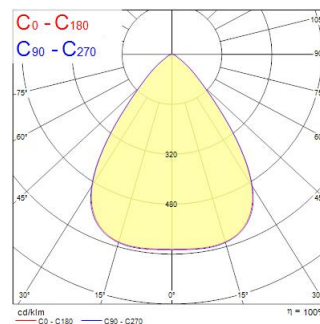
Dimensions (mm)



Photometrics

| Distance [m] | Cone diameter [m] | Beam diameter [m] | Beam diameter [ft] | Illuminance [lx] |
|--------------|-------------------|-------------------|--------------------|------------------|
| 0.5 | 0.78 | 0.78 | 2'5" | 1114 |
| 1.0 | 1.56 | 1.56 | 5'0" | 279 |
| 1.5 | 2.34 | 2.34 | 7'6" | 126 |
| 2.0 | 3.13 | 3.11 | 10'1" | 69 |
| 2.5 | 3.91 | 3.89 | 12'6" | 44 |
| 3.0 | 4.69 | 4.67 | 15'1" | 30 |

Distance [m] Cone diameter [m] Illuminance [lx]
 — C0 - C180 (Half beam angle: 75.0°)
 — C90 - C270 (Half beam angle: 76.0°)



OPTICLIP R 1200 830 1L WHT SSA03

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SYLVANIA

General data

| | |
|---|----------------------------------|
| Product name | OPTICLIP R 1200 830 1L WHT SSA03 |
| Technology | LED |
| Cap/Base | N/A |
| Housing | Steel |
| Mount | Ceiling recessed mounting |
| Built in presence detector | PIR |
| 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 | 4170631 |
| Warranty | 5 years |

Optical data

| | |
|-----------------------------------|------------|
| Fixture luminous flux (lm) | 4450 |
| Luminaire efficacy (lm/W) | 133 |
| Correlated colour temperature (k) | 3000 |
| Light colour | Warm 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) | 33.5 |
| Primary Supply/Product voltage - min (V) | 220.0 |
| Primary Supply/Product voltage - max (V) | 240.0 |
| Lamp power factor | 0.95 |
| THD (at 230 V, 50 Hz, full load, at 100% dimming level) ≤ xx.x % | 10 |
| Electrical protection | Class II |
| Control gear required | No |
| Control gear type | LED driver constant current |
| Dimmable | Yes |
| Dimming method | SylSmart Connected (SSA) |
| Minimum dimming level (%) | 1 |
| Drive current (mA) | 900 |
| Max. drive current (mA) | 900 |
| Drive current - Range (mA) | / 900mA |
| Inrush Current (A) | 15 |
| Inrush Duration (µs) | 220 |
| 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 | 21 |
| Max. products per 13A C Breaker | 27 |
| Max. products per 16A C Breaker | 33 |
| Max. products per 20A C Breaker | 42 |
| Max. products per 10A B Breaker | 12 |
| Max. products per 13A B Breaker | 16 |
| Max. products per 16A B Breaker | 20 |
| Max. products per 20A B Breaker | 25 |
| Connectable conductor cross section - Min (mm ²) | 0.75 |
| Connectable conductor cross section - Max (mm ²) | 1.5 |

OPTICLIP R 1200 830 1L WHT SSA03

Item No: 0034018

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) | 44 |
| Weight (kg) | 3.5 |

Packaging

| | |
|---------------------------------------|----------------|
| Product EAN number | 5410288340180 |
| Packaging single length / height (cm) | 124.5 |
| Packaging single width (cm) | 6.5 |
| Packaging single depth (cm) | 32.0 |
| DUN14 (inner) | 05410288340180 |
| Units per outer package | 1 |
| Packaging outer length / height (cm) | 124.5 |
| Packaging outer width (cm) | 6.5 |
| Packaging outer depth (cm) | 32.0 |

Safety data

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