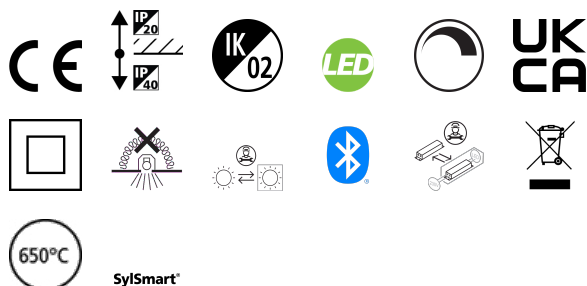


# OPTICLIP TERRA 600 830 SSA01D WH

Artikelnummer 0041957

**SYLVANIA**

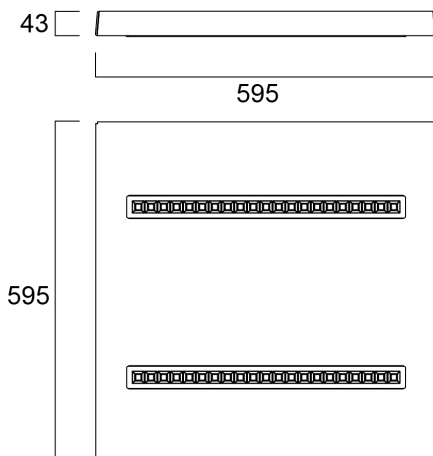
**TERRA** 



OPTICLIP TERRA 600 830 SSA01D WH is a high efficacy low glare ceiling recessed luminaire with replaceable light engines for office and education applications. Housing made of white colour cardboard, combined with white colour plastic optic, direct light distribution, luminaire dimensions: 595x595x40mm, IP20 (from the front), IK02, DALI D4I driver (Sylsmart enabled Bluetooth driver), low LED flicker (+/-5%), Warm White (3000K) LED Colour Temperature, 3100lm luminous flux, 26W power consumption, 119lm/W system efficacy, CRI>80, SDCM 3 (3-step MacAdam ellipse) LED Colour Consistency, UGR<19, Luminance at 65° < 2000 cd/m2, lifespan: 62,000 hours L80B20, photobiological safety risk group 1. Electrical protection Class II. Glow wire test 650°C.

## Technische Werte

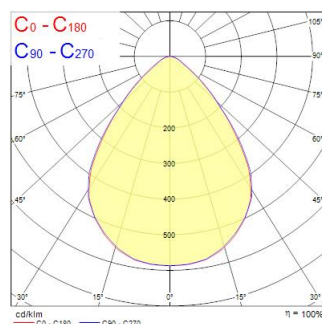
### Größe (mm)



### Photometrie

| Distance [m] | Cone diameter [m] | Beam angle [°] | Beam diameter [m] | Beam area [m²] | Beam flux [lm] | Beam illuminance [lx] |
|--------------|-------------------|----------------|-------------------|----------------|----------------|-----------------------|
| 0.5          | 0.84              | 0.82           | 0.84              | 0.71           | 7278           | 10250                 |
| 1.0          | 1.68              | 1.65           | 1.68              | 2.82           | 1812           | 644                   |
| 1.5          | 2.52              | 2.47           | 2.52              | 6.36           | 727.8          | 114                   |
| 2.0          | 3.37              | 3.30           | 3.37              | 11.3           | 455            | 40                    |
| 2.5          | 4.21              | 4.12           | 4.21              | 17.7           | 291            | 16                    |
| 3.0          | 5.05              | 4.95           | 5.05              | 25.5           | 182            | 7                     |

Distance [m] Cone diameter [m]  
C0 - C180 (Half beam angle: 75.0°)  
C90 - C270 (Half beam angle: 90.2°)



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**SYLVANIA**

## Allgemeine Daten

|                                 |                                  |
|---------------------------------|----------------------------------|
| Produktname                     | OPTICLIP TERRA 600 830 SSA01D WH |
| Technologie                     | LED                              |
| Sockel                          | N/A                              |
| Gehäuse                         | Other                            |
| Montage                         | Ceiling recessed mounting        |
| Built in presence detector      | NONE                             |
| Leuchtenklassifizierung         | Enclosed                         |
| Allgemeine Anwendungsbereiche   | Education, Office                |
| Umgebungstemperaturbereich      | -20°C...+25°C                    |
| Betriebstemperatur (°C)         | 25                               |
| Virtual assistant compatibility | N/A                              |
| ETIM Klasse                     | EC002892                         |
| E-Nummer FI                     | 4279547                          |
| Garantie                        | 5 Jahre                          |

## Optische Daten

|                            |            |
|----------------------------|------------|
| Leuchtenlichtstrom (lm)    | 3300       |
| Systemeffizienz (lm/W)     | 126        |
| Farbtemperatur (K)         | 4000       |
| Lichtfarbe                 | Warm White |
| Farbwiedergabeindex (Ra)   | 80         |
| Farbkonsistenz (SDCM)      | SDCM3      |
| Lichtintensität (cd)       | 1926       |
| Ausstrahlungswinkel (°)    | 80         |
| Distributionstyp           | Symmetric  |
| Blendungsbegrenzung        | < 17       |
| Photobiological Risk Group | RG1        |

## Elektrische Daten

|                                                          |                                 |
|----------------------------------------------------------|---------------------------------|
| Leistungsaufnahme gesamt (W)                             | 27                              |
| Primary Supply/Product voltage - min (V)                 | 220.0                           |
| Primary Supply/Product voltage - max (V)                 | 240.0                           |
| Leistungsfaktor der Lampe                                | 0.95                            |
| THD (bei 230V, 50Hz, bei 100% Dimm-Level)                | 10                              |
| Elektrische Schutzklasse                                 | Class II                        |
| Vorschaltgerät benötigt                                  | No                              |
| Betriebsgerätetyp                                        | LED driver constant current     |
| Dimmbar                                                  | Yes                             |
| Dimming method                                           | SylSmart SSA                    |
| Stromstärke (mA)                                         | 700                             |
| Einschaltstrom (A)                                       | 20                              |
| Dauer Einschaltstrom (µs)                                | 25                              |
| Energy Efficiency Class (A->G) of contained light source | E, E (more than 1 Light Source) |
| Nennfrequenz (Hz)                                        | 50/60Hz                         |
| LED Flickering Rate                                      | Ultra low (5% or less)          |
| Max. Anzahl Leuchten pro 10A C Sicherung                 | 57                              |
| Max. Anzahl Leuchten pro 16A C Sicherung                 | 94                              |
| Max. Anzahl Leuchten pro 16A B Sicherung                 | 55                              |
| Connectable conductor cross section - Max (mm²)          | 2.5                             |

## Lifetime data

|                      |        |
|----------------------|--------|
| Lebensdauer - L70B50 | 100000 |
| Lebensdauer - L80B20 | 62500  |

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## Physikalische Daten

|                           |                                  |
|---------------------------|----------------------------------|
| Gehäusefarbe              | RAL 9016 - Traffic white / Bezel |
| IP Schutzart              | IP40/20                          |
| IK Schutzart              | IK02                             |
| Diffusor                  | Matt/satinized                   |
| Diffusormaterial          | PC Polycarbonate                 |
| Länge (mm)                | 595                              |
| Breite (mm)               | 595                              |
| Nominale Produkthöhe (mm) | 43                               |
| Gewicht (kg)              | 1.1                              |

## Packaging

|                                        |                |
|----------------------------------------|----------------|
| EAN Code                               | 5410288419572  |
| Einzelverpackung Länge (cm)            | 59.5           |
| Einzelverpackung Breite (cm)           | 59.5           |
| Einzelverpackung Tiefe (cm)            | 5.0            |
| DUN 14 (außen)                         | 15410288419579 |
| Anzahl an Einheiten je Außenverpackung | 4              |
| Außenverpackung Länge (cm)             | 62.0           |
| Außenverpackung Breite (cm)            | 62.0           |
| Außenverpackung Tiefe (cm)             | 20.0           |

## Safety data

|                                  |        |
|----------------------------------|--------|
| Glühdrahttest (°C)               | 650    |
| Optimale Betriebstemperatur (°C) | -20-25 |
| Nur für trockene Umgebungen      | Nein   |