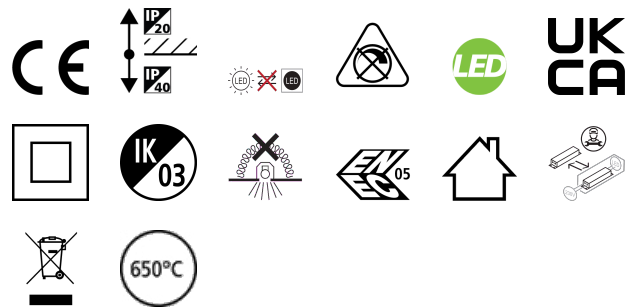


START Panel UGR19 1200x300 3800lm 840

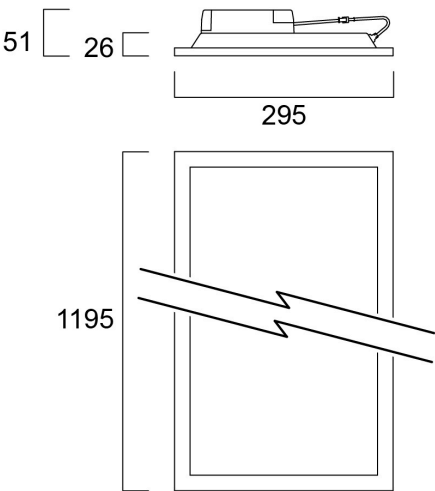
Artikelnummer 0044630



LED Panel with backlit technology, ideal for general indoor lighting applications such as breakout areas, offices and meeting rooms. Extruded aluminium frame, passive cooling. Low glaring UGR<19. RG0, 90 degree beam angle , optical system: PS diffuser with Prismatic finish. Light color temperature: 4000K Neutral White, total system power: 29W , total fixture output: 3800lm, efficacy: 131 lm/W, Ra80 typical, LED chromacity: 3 step MacAdam ellipse (SDCM3), lifespan: 100,000 hours at 70% of the original output (L70B50), IR/UV free light source without heat radiation, operating voltage: 220-240V / 50-60Hz, low flicker, non dimmable driver, electrical protection: Class II. Degree of Protection: IP40/IP20, suitable for indoor environment only. Nominal size: 1195x295mm, Loop in / loop out wiring, safety cables & quick connector included, 26mm nominal height, White color frame, weight: 1,97Kg.

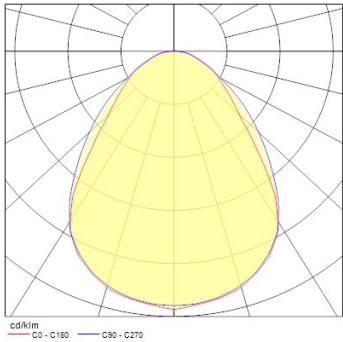
Technische activa

Afmetingen (mm)



Fotometrie

| Distance [m] | Cone diameter [m] | Beam angle [°] | Half beam angle [°] | Illuminance [lx] |
|--------------|-------------------|----------------|---------------------|------------------|
| 0.5 | 0.58 0.54 | 80.0° 74.0° | 40.0° 37.0° | 1537 1686 |
| 1.0 | 1.15 1.08 | 80.0° 74.0° | 40.0° 37.0° | 384 421 |
| 1.5 | 1.73 1.62 | 80.0° 74.0° | 40.0° 37.0° | 163 180 |
| 2.0 | 2.30 2.16 | 80.0° 74.0° | 40.0° 37.0° | 84 94 |
| 2.5 | 2.88 2.70 | 80.0° 74.0° | 40.0° 37.0° | 53 61 |
| 3.0 | 3.46 3.24 | 80.0° 74.0° | 40.0° 37.0° | 37 42 |



START Panel UGR19 1200x300 3800lm 840

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General data

| | |
|---------------------------|--|
| Productnaam | START Panel UGR19 1200x300 3800lm 840 |
| Technologie | LED (3 SDCM) |
| Lampvoet | N/A |
| Behuizing | Staal |
| Montage | Plafondinbouw, Pendel |
| Algemene toepassing | Onderwijs, Kantoor |
| Omgevingstemperatuur (°C) | -10°C...+45°C |
| ETIM klasse | EC002892 |
| E-nummer FI | 4279398 |
| Garantie | 5 jaar |

Optical data

| | |
|-------------------------------|-------------|
| Lichtstroom | 3800 |
| Lumenstroom armatuur (lm) | 3800 |
| Efficiëntie armatuur lm/W | 131 |
| Kleurtemperatuur (K) | 4000 |
| Lichtkleur | Neutraalwit |
| CRI (Ra) | 80 |
| Initiële kleurvariatie (SDCM) | SDCM3 |
| Bundel breedte (°) | 90 |
| Type licht distributie | Symmetric |
| Luminantiecontrole | < 19 |
| Photobiological Risk Group | RG0 |

Electrical data

| | |
|--|-----------------------------|
| Totaal energieverbruik (W) | 29 |
| Primaire voedingsspanning min | 220.0 |
| Primaire voedingsspanning max | 240.0 |
| Lamp arbeidsfactor | 0.9 |
| THD (bij 230 V, 50 Hz, volledige belasting, bij 100% dimniveau) ≤ xx.x % | 15.0 |
| Elektrische beschermingsklasse | Klasse II |
| Type ballast | LED constante stroom driver |
| Dimbaar | Neen |
| Dimtechnologie | N/A |
| Stuurstroom driver (mA) | 750 |
| Inschakelstroom (A) | 16 |
| Duur inschakelstroom (µs) | 200 |
| Energie-efficiëntieklasse (A->G) van de lichtbron in dit product | D |
| Nominale frequentie (Hz) | 50/60Hz |
| Flikkerratio (%) | Ultra laag (5% of minder) |
| Max. Armaturen per 10A C automaat | 42 |
| Max. Armaturen per 16A C automaat | 68 |
| Max. Armaturen per 10A B automaat | 19 |
| Max. Armaturen per 16A B automaat | 31 |
| Aansluitbare geleider doorsnede max | 1.5 |

START Panel UGR19 1200x300 3800lm 840

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Lifetime data

| | |
|--|--------|
| Gemiddelde nominale levensduur - L70 B50 | 100000 |
| Gemiddelde nominale levensduur - L70 B20 | 100000 |
| Gemiddelde nominale levensduur - L70 B10 | 100000 |
| Gemiddelde nominale levensduur - L80 B50 | 94000 |
| Gemiddelde nominale levensduur - L80 B20 | 76000 |
| Gemiddelde nominale levensduur - L80 B10 | 67000 |
| Gemiddelde nominale levensduur - L90 B50 | 45000 |
| Gemiddelde nominale levensduur - L90 B20 | 37000 |
| Gemiddelde nominale levensduur - L90 B10 | 33000 |

Physical data

| | |
|--------------------|-------------------------|
| Kleur behuizing | RAL 9003 - Signal white |
| IP waarde | IP40/20 |
| IK waarde | IK03 |
| Afwerking diffusor | Diffuus |
| Materiaal diffusor | PS Polystyrene |
| Lengte (mm) | 1195 |
| Breedte (mm) | 295 |
| Hoogte (mm) | 26 |
| Gewicht (kg) | 1.942 |

Packaging

| | |
|--------------------------------|----------------|
| EAN code | 5410288446301 |
| Enkele lengte verpakking (cm) | 121.7 |
| Enkele breedte verpakking (cm) | 3.8 |
| Hoogte eenheidsverpakking (cm) | 36.7 |
| DUN14 (inner) | 15410288446308 |
| Eenheden per omdoos | 4 |
| Lengte omdoos (cm) | 123.7 |
| Breedte omdoos (cm) | 17.4 |
| Diepte omdoos (cm) | 38.5 |

Safety data

| | |
|--------------------------------------|--------|
| Gloeidraad test (°) | 650 |
| Optimale bedrijfsomstandigheden (°C) | -10-45 |