



Smart [4] HT is the series of LED indoor appliances suitable for the food industry, production areas or warehouses where critical temperatures develop. Three different sizes available: 1M, 2M and 4M. The body is made of "Halogen-free" nylon loaded with grey glass fibre (RAL7035) with venting and anti-condensation device, aluminium alloy heat dissipation device EN AB 44300. It is equipped with a dual optical system that includes a metallic reflector with ARRAY optics and a metallic reflector with UV-stabilised, high-efficiency PMMA lenses, which allow a wide variety of 60°, 90° and Elliptical light distributions. Operating temperature range "Ta" between -30°C and + 60°C. Suspension, wall and projection appliances can be installed. It is available with three types of Colour Temperature (4000K / 5700K), Color Rendering Index CRI>80 and ON/OFF power supply.

ALGEMENE INFORMATIE

| | |
|-----------------------------------|--|
| Context | Logistiek en industriële productieverlichting |
| Armatuur | LED industriële reflector |
| Toepassing | Intern |
| Unieke digitale code (Datamatrix) | Datamatrix |
| Kleur | Grijs RAL 7035 |
| Soort lichtbron | LED |
| Systeem vermogen | 48 W |
| Levensduur led | L90B10(Tq25 °C)>150.000u; L90B10 (Tq60 °C)=60.000u |
| Gewicht (kg) | 3.5 |

| | |
|---------------------|-----------------|
| Garantie | 5 jaar |
| Opslagtemperatuur | -40 +70 °C |
| Bedrijfstemperatuur | -30 °C + +60 °C |

MATERIELEN

| | |
|-----------------|--------------------------------------|
| Behuizing | PA6 "Halogeenvrij" belaste glasvezel |
| Schildtype | Dikte gehard glas 4 mm |
| Optiek | Metalen PC-reflector en PMMA-lenzen |
| Pakking | anti-aging silicone |
| Slothaak | - |
| Externe schroef | Rvs |
| Kleur | Grijs RAL 7035 |

NORMEN EN GOEDKEURINGEN

| | |
|--|---|
| Classificatie | - |
| Apparaat met gereduceerde oppervlaktetemperatuur | Ja |
| DIN 18032-3 certificering | Beschikbaar (onder bepaalde installatievoorwaarden) |

| | |
|-----------------------|--------|
| IPEA | - |
| Isolatie klasse | I |
| IP waarde | IP66 |
| Mechanische weerstand | IK08 |
| Gloeidraadtest | 850 °C |

OPTISCHE EN VERLICHTINGSKENMERKEN

| | |
|-----------------------------|---|
| Optiek | Elliptisch |
| Unified Glare Rating | - |
| Lumen output (lm) | 7100 |
| Effectiviteit (lm/W) | 148 |
| Kleur temperatuur | 4000 K |
| Kleurweergave-index (CRI) | CRI>80 |
| Kleurconsistentie (SDCM) | SDCM = 3 |
| Fotobiologisch risicoklasse | RG0 |
| Standaard | EN 60598-1 ; EN 60598-2-1 ; EN 60598-2-24 |

ELEKTRISCHE EN VERLICHTINGSKENMERKEN

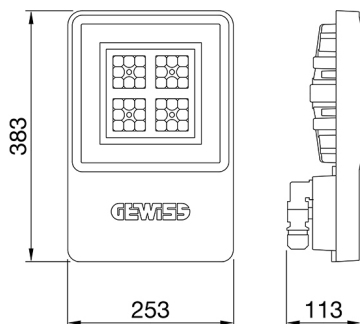
| | |
|--------------------------|--------------------------------------|
| Voeding voltage | 220 - 240 V |
| Nominale frequentie (Hz) | 50/60 Hz |
| Driver | Inbegrepen |
| Uitvalpercentage driver | F10=100.000u Tq25 °C/50.000u Tq60 °C |
| Overspanningsbescherming | DM 6 kV / CM 10 kV |
| Besturingssysteem | AAN / UIT |

INSTALLATIE EN ONDERHOUD

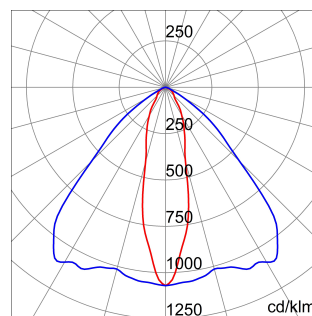
| | |
|-----------------------------------|--------------------------------------|
| Montage en installatie | Plafond - Wandmontage - Ophanging |
| Helling | Met beugelaccessoire |
| Bedrading | Met GW connect waterdichte connector |
| Bevestiging | - |
| Vervangbaarheid lichtbron | Door professional |
| Vervangbaarheid verdeelinrichting | Door professional |
| Driver box | Ingebouwd |

| | |
|---|----------|
| Maximaal oppervlak blootgesteld aan de wind | 0,097 m² |
|---|----------|

DIMENSIONAL



PHOTOMETRIC DISTRIBUTION



TECHNICAL SYMBOLOGY



0,097 m²



IP
IP66

IK
IK08

GWT
850 °C



Product Data Sheet

GWS4120CQ840

SMART [4]

STANDARDS/APPROVALS

