# Sylmaster LED
*SYLMASTER T8 LED 1500 2L 5400lm 4K*
0051687

### Product features

- SYLMASTER T8 LED 1500 HO 4K is a surface mount / pendant luminaire supplied with 2x ToLEDo T8 24W 840 LED Tubes (0029289).

## PRODUCT OVERVIEW

| | |
|---|---|
| Product name | SYLMASTER T8 LED 1500 2L 5400lm 4K |
| Technology | LED |
| Housing | Steel |
| Mount | Ceiling surface mounting |
| General application | Education, Hospitality, Office, Retail |
| ETIM Class | EC002892 |
| Warranty | 3 years |
| Fixture luminous flux (lm) | 5402 |
| Luminaire efficacy (lm/W) | 113 |
| Colour temperature (K) | 4000 |
| Light colour | Neutral White |
| CRI (Ra) | 80 |
| Photobiological Risk Group | RG0 |
| Light source included | 0029289 |
| Total power consumption (W) | 48 |
| Electrical protection | Class I |
| Control gear type | Not required |
| Dimmable | No |
| Dimming method | N/A |
| Housing colour | White |
| IP rating | IP20 |
| IK rating | IK02 |
| Product EAN number | 5410288516875 |

## DATA TABLE

### General data

| | |
|---|---|
| Product name | SYLMASTER T8 LED 1500 2L 5400lm 4K |
| Technology | LED |
| Housing | Steel |
| Mount | Ceiling surface mounting |
| General application | Education, Hospitality, Office, Retail |

| | |
|---|---|
| Performance ambient temperature Tq (°C) | 25 |
| ETIM Class | EC002892 |
| Warranty | 3 years |

## Optical data

| | |
|---|---|
| Fixture luminous flux (lm) | 5402 |
| Luminaire efficacy (lm/W) | 113 |
| Colour temperature (K) | 4000 |
| Light colour | Neutral White |
| CRI (Ra) | 80 |
| Photobiological Risk Group | RG0 |

## Electrical data

| | |
|---|---|
| Light source included | 0029289 |
| Total power consumption (W) | 48 |
| Mains voltage (V) | 220-240V |
| Lamp power factor | 1 |
| Electrical protection | Class I |
| Control gear required | No |
| Control gear type | Not required |
| No. Of switching cycles before premature failures | >200000 |
| Dimmable | No |
| Dimming method | N/A |
| Glow Wire Test (°C) | 850 |
| Energy Efficiency Class (A->G) of contained light source | C |
| Nominal Frequency (Hz) | 50/60Hz |

## Physical data

| | |
|---|---|
| Housing colour | White |
| IP rating | IP20 |
| IK rating | IK02 |
| Nominal Product Length (mm) | 1550 |
| Nominal Product Width (mm) | 202 |
| Nominal Product Height (mm) | 85 |
| Weight (kg) | 3.0 |

## Packaging

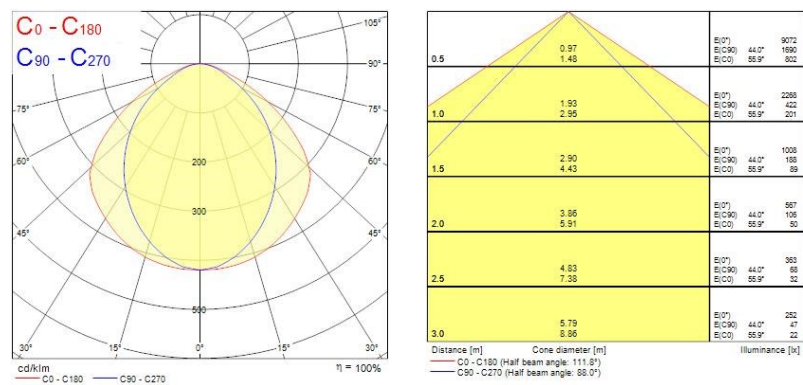| | |
|---|---|
| Single packaging type | Carton |
| Product EAN number | 5410288516875 |
| Packaging single length / height (cm) | 155.0 |
| Packaging single width (cm) | 9.0 |
| Packaging single depth (cm) | 21.0 |
| DUN14 (outer) | 05410288516875 |
| Units per outer package | 1 |
| Packaging outer length / height (cm) | 155.0 |
| Packaging outer width (cm) | 9.0 |
| Packaging outer depth (cm) | 21.0 |

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## PHOTOMETRY

$C_0 - C_{180}$
$C_{90} - C_{270}$

cd/klm    η = 100%
C0 - C180    C90 - C270

| Distance [m] | Cone diameter [m] | | Illuminance [lx] | | |
|---|---|---|---|---|---|
| 0.5 | 0.97 | 1.48 | E(0°) 9072 | E(C90) 44.0° 1690 | E(C0) 55.9° 802 |
| 1.0 | 1.93 | 2.95 | E(0°) 2268 | E(C90) 44.0° 422 | E(C0) 55.9° 201 |
| 1.5 | 2.90 | 4.43 | E(0°) 1008 | E(C90) 44.0° 188 | E(C0) 55.9° 89 |
| 2.0 | 3.86 | 5.91 | E(0°) 567 | E(C90) 44.0° 106 | E(C0) 55.9° 50 |
| 2.5 | 4.83 | 7.38 | E(0°) 363 | E(C90) 44.0° 68 | E(C0) 55.9° 32 |
| 3.0 | 5.79 | 8.86 | E(0°) 252 | E(C90) 44.0° 47 | E(C0) 55.9° 22 |

C0 - C180 (Half beam angle: 111.8°)
C90 - C270 (Half beam angle: 88.0°)

## TECHNICAL DRAWINGS

| Version | L | W | F | H |
|---|---|---|---|---|
| 1x36W | 1250 | 202 | 1000 | 85 |
| 1x58W | 1550 | 202 | 1000 | 85 |
| 2x36W | 1250 | 202 | 1000 | 85 |
| 2x58W | 1550 | 202 | 1000 | 85 |