



### Features

• OPTIX SURFACE 1500 MPO D/I 4000K DALI EM is a high efficacy low glare suspended LED Linear luminaire with Micro Prismatic diffuser, with direct/indirect light distribution, luminaire dimensions: 1500x200x50mm, Sylvania White body colour (RAL9016), IP20, IK07, DALI Dimmable, 3hr maintained emergency version, low LED flicker (+/-5%), Neutral White (4000K) LED Colour Temperature, 6650lm luminous flux, 65/35 D/I light distribution ratio, 51W power consumption, 130lm/W system efficacy, CRI>80, SDCM 3 (3-step MacAdam ellipse) LED Colour Consistency, UGR<18, Luminance at 65° < 3000 cd/m2, lumen maintenance: L90B50 at 71000h, photobiological safety risk group 1. Electrical protection Class I.

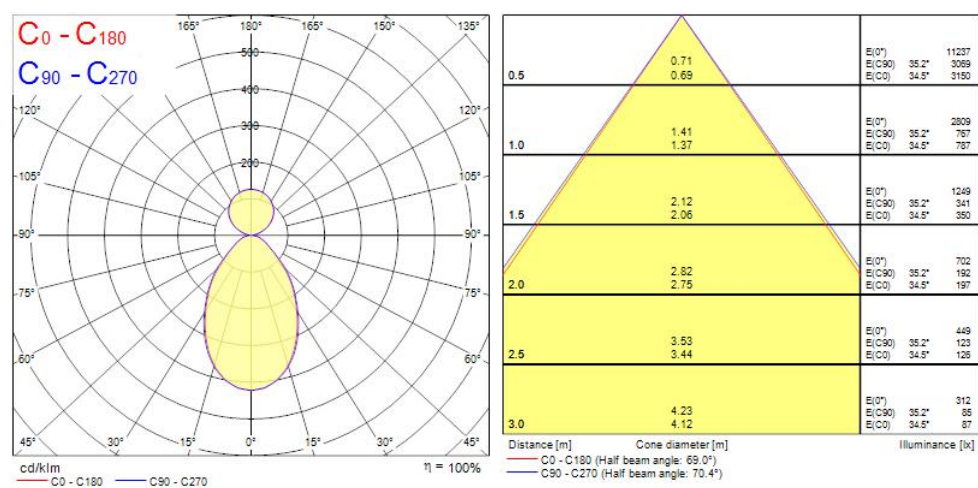
### Product Overview

|                                 |                                          |
|---------------------------------|------------------------------------------|
| Product name                    | OPTIX SURFACE 1500 MPO D/I 4000K DALI EM |
| Technology                      | LED (3 SDCM)                             |
| Cap/Base                        | N/A                                      |
| Housing                         | Steel                                    |
| Mount                           | Suspended                                |
| Fixture luminous flux (lm)      | 6650                                     |
| Luminaire efficacy (lm/W)       | 130                                      |
| Colour temperature (K)          | 4000                                     |
| Light colour                    | Neutral White                            |
| CRI (Ra)                        | 80                                       |
| Colour Variation Initial (SDCM) | 3                                        |
| Glare control                   | < 19                                     |
| Photobiological Risk Group      | RG1                                      |
| Luminous flux (emergency) (lm)  | 80                                       |
| Total power consumption (W)     | 54                                       |

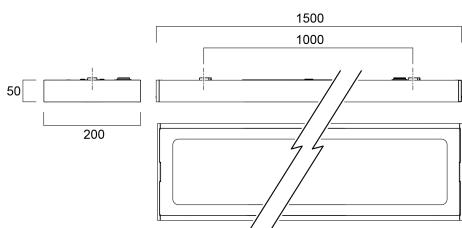
OPTIX SURFACE 1500 MPO D/I 4000K DALI EM  
2021699

|                       |                             |
|-----------------------|-----------------------------|
| Electrical protection | Class I                     |
| Control gear type     | LED driver constant current |
| Housing colour        | RAL9016                     |
| IP rating             | IP20                        |
| IK rating             | IK07                        |
| Product EAN number    | 5025768216994               |
| Warranty              | 5 years                     |

Photometry



Technical drawings



Data table

GENERAL DATA

## OPTIX SURFACE 1500 MPO D/I 4000K DALI EM 2021699

|                                         |                                          |
|-----------------------------------------|------------------------------------------|
| Product name                            | OPTIX SURFACE 1500 MPO D/I 4000K DALI EM |
| Technology                              | LED (3 SDCM)                             |
| Cap/Base                                | N/A                                      |
| Housing                                 | Steel                                    |
| Mount                                   | Suspended                                |
| Operating temperature range (°C)        | 10°C...+25°C                             |
| Performance ambient temperature Tq (°C) | 25                                       |
| Warranty                                | 5 years                                  |

### OPTICAL DATA

|                                 |               |
|---------------------------------|---------------|
| Fixture luminous flux (lm)      | 6650          |
| Luminaire efficacy (lm/W)       | 130           |
| Colour temperature (K)          | 4000          |
| Light colour                    | Neutral White |
| CRI (Ra)                        | 80            |
| Colour Variation Initial (SDCM) | 3             |
| Glare control                   | < 19          |
| Photobiological Risk Group      | RG1           |
| Luminous flux (emergency) (lm)  | 80            |
| Emergency duration (h)          | 3             |

### ELECTRICAL DATA

|                                          |                             |
|------------------------------------------|-----------------------------|
| Total power consumption (W)              | 54                          |
| Primary Supply/Product voltage - min (V) | 198.0                       |
| Lamp power factor                        | 1                           |
| Electrical protection                    | Class I                     |
| Control gear required                    | No                          |
| Control gear type                        | LED driver constant current |
| Drive current (mA)                       | 300                         |
| Inrush Current (A)                       | 23.1                        |
| Inrush Duration (µs)                     | 174                         |
| Glow Wire Test (°C)                      | 650                         |

## OPTIX SURFACE 1500 MPO D/I 4000K DALI EM 2021699

|                                                          |                                |
|----------------------------------------------------------|--------------------------------|
| Energy Efficiency Class (A->G) of contained light source | C, C(more than 1 Light Source) |
|----------------------------------------------------------|--------------------------------|

|                        |         |
|------------------------|---------|
| Nominal Frequency (Hz) | 50/60Hz |
|------------------------|---------|

|                                 |    |
|---------------------------------|----|
| Max. products per 10A C Breaker | 18 |
|---------------------------------|----|

|                                 |    |
|---------------------------------|----|
| Max. products per 20A B Breaker | 17 |
|---------------------------------|----|

### LIFETIME DATA

|                  |        |
|------------------|--------|
| Lifespan L70 B50 | 100000 |
|------------------|--------|

|                  |        |
|------------------|--------|
| Lifespan L80 B20 | 100000 |
|------------------|--------|

|                  |       |
|------------------|-------|
| Lifespan L90 B10 | 71000 |
|------------------|-------|

### PHYSICAL DATA

|                |         |
|----------------|---------|
| Housing colour | RAL9016 |
|----------------|---------|

|           |      |
|-----------|------|
| IP rating | IP20 |
|-----------|------|

|           |      |
|-----------|------|
| IK rating | IK07 |
|-----------|------|

|                 |           |
|-----------------|-----------|
| Diffuser finish | Prismatic |
|-----------------|-----------|

|                   |              |
|-------------------|--------------|
| Diffuser material | PMMA Acrylic |
|-------------------|--------------|

|                             |      |
|-----------------------------|------|
| Nominal Product Length (mm) | 1500 |
|-----------------------------|------|

|                            |     |
|----------------------------|-----|
| Nominal Product Width (mm) | 200 |
|----------------------------|-----|

|             |     |
|-------------|-----|
| Weight (kg) | 5.7 |
|-------------|-----|

### PACKAGING

|                       |        |
|-----------------------|--------|
| Single packaging type | Carton |
|-----------------------|--------|

|                    |               |
|--------------------|---------------|
| Product EAN number | 5025768216994 |
|--------------------|---------------|

|                             |     |
|-----------------------------|-----|
| Packaging single width (cm) | 9.0 |
|-----------------------------|-----|

|                             |      |
|-----------------------------|------|
| Packaging single depth (cm) | 21.0 |
|-----------------------------|------|

|               |                |
|---------------|----------------|
| DUN14 (outer) | 05025768216994 |
|---------------|----------------|

|                                      |       |
|--------------------------------------|-------|
| Packaging outer length / height (cm) | 155.0 |
|--------------------------------------|-------|

### SAFETY DATA

|                                  |       |
|----------------------------------|-------|
| Optimal operating condition (°C) | 10-25 |
|----------------------------------|-------|

|                      |    |
|----------------------|----|
| Special purpose lamp | No |
|----------------------|----|

|                           |    |
|---------------------------|----|
| Dry applications use only | No |
|---------------------------|----|

# Concord

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|                                     |    |
|-------------------------------------|----|
| Suitable for household illumination | No |
|-------------------------------------|----|