

Optix Surface 1200 Direct Medium Output  
*OPTIX SURFACE 1200x200 2 LINE 4000K C9 ALU DALI*  
2023710



PRODUCT OVERVIEW

|                                 |                                                 |
|---------------------------------|-------------------------------------------------|
| Product name                    | OPTIX SURFACE 1200x200 2 LINE 4000K C9 ALU DALI |
| Technology                      | LED (3 SDCM)                                    |
| Cap/Base                        | N/A                                             |
| Housing                         | Steel                                           |
| Mount                           | Ceiling surface mounting                        |
| Fixture rating                  | Enclosed                                        |
| Warranty                        | 5 years                                         |
| Fixture luminous flux (lm)      | 3700                                            |
| Luminaire efficacy (lm/W)       | 128                                             |
| Colour temperature (K)          | 4000                                            |
| Light colour                    | Neutral White                                   |
| CRI (Ra)                        | 90                                              |
| Colour Variation Initial (SDCM) | SDCM3                                           |
| Glare control                   | < 16                                            |
| Photobiological Risk Group      | RG0                                             |
| Total power consumption (W)     | 29                                              |
| Electrical protection           | Class I                                         |
| Control gear type               | LED driver constant current                     |
| LED Flickering Rate             | Ultra low (5% or less)                          |
| Housing colour                  | RAL 9016 - Traffic white / Bezel                |
| IP rating                       | IP20                                            |
| IK rating                       | IK07                                            |
| Product EAN number              | 5025768237104                                   |

DATA TABLE

|              |                                                 |
|--------------|-------------------------------------------------|
| General data |                                                 |
| Product name | OPTIX SURFACE 1200x200 2 LINE 4000K C9 ALU DALI |
| Technology   | LED (3 SDCM)                                    |
| Cap/Base     | N/A                                             |
| Housing      | Steel                                           |
| Mount        | Ceiling surface mounting                        |

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|                                         |          |
|-----------------------------------------|----------|
| Fixture rating                          | Enclosed |
| Performance ambient temperature Tq (°C) | 25       |
| Warranty                                | 5 years  |

### Optical data

|                                 |               |
|---------------------------------|---------------|
| Fixture luminous flux (lm)      | 3700          |
| Luminaire efficacy (lm/W)       | 128           |
| Colour temperature (K)          | 4000          |
| Light colour                    | Neutral White |
| CRI (Ra)                        | 90            |
| Colour Variation Initial (SDCM) | SDCM3         |
| Glare control                   | < 16          |
| Photobiological Risk Group      | RG0           |

### Electrical data

|                                                          |                             |
|----------------------------------------------------------|-----------------------------|
| Total power consumption (W)                              | 29                          |
| Primary Supply/Product voltage - min (V)                 | 198.0                       |
| Lamp power factor                                        | 0.98                        |
| Electrical protection                                    | Class I                     |
| Control gear type                                        | LED driver constant current |
| Drive current (mA)                                       | 300                         |
| Inrush Current (A)                                       | 29                          |
| Inrush Duration (µs)                                     | 180                         |
| Glow Wire Test (°C)                                      | 850                         |
| Energy Efficiency Class (A->G) of contained light source | D                           |
| Nominal Frequency (Hz)                                   | 50/60Hz                     |
| LED Flickering Rate                                      | Ultra low (5% or less)      |
| Max. products per 10A C Breaker                          | 21                          |
| Max. products per 20A B Breaker                          | 27                          |
| Connectable conductor cross section - Min (mm²)          | 2.5                         |
| Connectable conductor cross section - Max (mm²)          | 2.5                         |

### Lifetime data

|                  |        |
|------------------|--------|
| Lifespan L70 B50 | 120000 |
| Lifespan L80 B20 | 120000 |
| Lifespan L90 B10 | 60000  |

### Physical data

|                             |                                  |
|-----------------------------|----------------------------------|
| Housing colour              | RAL 9016 - Traffic white / Bezel |
| IP rating                   | IP20                             |
| IK rating                   | IK07                             |
| Diffuser finish             | Matt/satinized                   |
| Diffuser material           | PC Polycarbonate                 |
| Nominal Product Length (mm) | 1129                             |
| Nominal Product Width (mm)  | 200                              |
| Weight (kg)                 | 4.5                              |

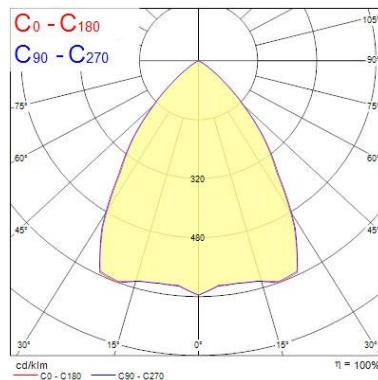
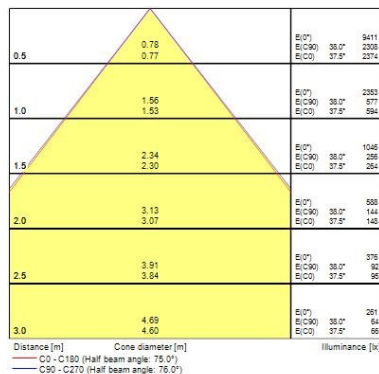
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### Packaging

|                                      |                |
|--------------------------------------|----------------|
| Single packaging type                | Carton         |
| Product EAN number                   | 5025768237104  |
| Packaging single width (cm)          | 22.5           |
| Packaging single depth (cm)          | 6.8            |
| DUN14 (outer)                        | 05025768237104 |
| Packaging outer length / height (cm) | 117.0          |

### PHOTOMETRY



### TECHNICAL DRAWINGS

