



### Features

• OPTIX RECESSED 4 CELLS 3000K ALU is a high efficacy low glare luminaire for office and education applications. Ceiling recessed 310x100 mm. Aluminised plastic extra low glare optics. White RAL9016 fixture body. Constant current driver. 3000K Warm White LED, CRI>80, chromaticity tolerance of 3-step MacAdam ellipse. Luminous flux 962lm. Power consumption 8.5W. Luminaire efficacy 113lm/W. 42,000hrs L90B10 lifespan. UGR<18, Luminance at 65°<3000 Cd/m2, IK07, IP20. Photobiological safety risk group 1. Electrical protection Class I. Glow wire test 850°C.

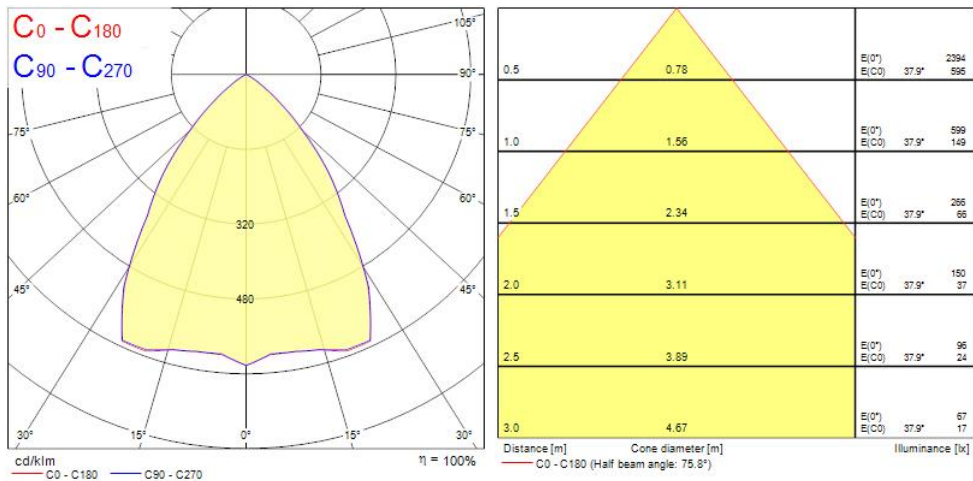
### Product Overview

|                                   |                                  |
|-----------------------------------|----------------------------------|
| Product name                      | OPTIX RECESSED 4 CELLS 3000K ALU |
| Technology                        | LED (3 SDCM)                     |
| Cap/Base                          | N/A                              |
| Housing                           | Steel                            |
| Mount                             | Ceiling recessed mounting        |
| Fixture rating                    | Enclosed                         |
| General application               | Education, Office                |
| ETIM Class                        | EC002892                         |
| Fixture luminous flux (lm)        | 962                              |
| Luminaire efficacy (lm/W)         | 113                              |
| Correlated colour temperature (k) | 3000                             |
| Light colour                      | Warm White                       |
| CRI (Ra)                          | 80                               |
| Colour Variation Initial (SDCM)   | 3                                |
| Glare control                     | < 19                             |
| Photobiological Risk Group        | RG1                              |
| Total power consumption (W)       | 8.5                              |
| Electrical protection             | Class I                          |
| Control gear type                 | LED driver constant current      |

OPTIX RECESSED 4 CELLS 3000K ALU  
2021688

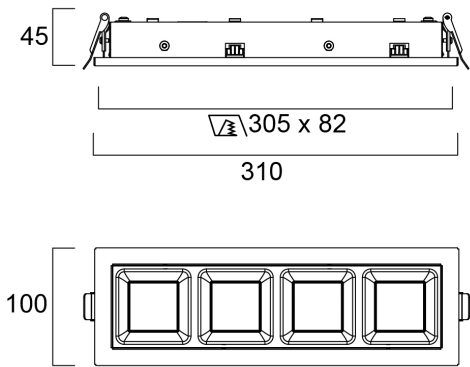
|                     |                        |
|---------------------|------------------------|
| Dimmable            | No                     |
| LED Flickering Rate | Ultra low (5% or less) |
| Housing colour      | RAL9016                |
| IP rating           | IP20                   |
| IK rating           | IK07                   |
| Product EAN number  | 5025768216888          |
| Warranty            | 5 years                |
| Dimming method      | N/A                    |

Photometry



## OPTIX RECESSED 4 CELLS 3000K ALU 2021688

### Technical drawings



### Data table

#### GENERAL DATA

|                                         |                                  |
|-----------------------------------------|----------------------------------|
| Product name                            | OPTIX RECESSED 4 CELLS 3000K ALU |
| Technology                              | LED (3 SDCM)                     |
| Cap/Base                                | N/A                              |
| Housing                                 | Steel                            |
| Mount                                   | Ceiling recessed mounting        |
| Fixture rating                          | Enclosed                         |
| General application                     | Education, Office                |
| Operating temperature range (°C)        | 10°C...+25°C                     |
| Performance ambient temperature Tq (°C) | 25                               |
| ETIM Class                              | EC002892                         |
| Warranty                                | 5 years                          |

#### OPTICAL DATA

|                            |     |
|----------------------------|-----|
| Fixture luminous flux (lm) | 962 |
| Luminaire efficacy (lm/W)  | 113 |

## OPTIX RECESSED 4 CELLS 3000K ALU 2021688

|                                   |            |
|-----------------------------------|------------|
| Correlated colour temperature (k) | 3000       |
| Light colour                      | Warm White |
| CRI (Ra)                          | 80         |
| Colour Variation Initial (SDCM)   | 3          |
| Distribution type                 | Symmetric  |
| Glare control                     | < 19       |
| Photobiological Risk Group        | RG1        |

### ELECTRICAL DATA

|                                                                  |                             |
|------------------------------------------------------------------|-----------------------------|
| Total power consumption (W)                                      | 8.5                         |
| Primary Supply/Product voltage - min (V)                         | 220                         |
| Primary Supply/Product voltage - max (V)                         | 240                         |
| Lamp power factor                                                | 1                           |
| THD (at 230 V, 50 Hz, full load, at 100% dimming level) ≤ xx.x % | 15                          |
| Electrical protection                                            | Class I                     |
| Control gear required                                            | No                          |
| Control gear type                                                | LED driver constant current |
| Dimmable                                                         | No                          |
| Dimming method                                                   | N/A                         |
| Drive current (mA)                                               | 150                         |
| Inrush Current (A)                                               | 14                          |
| Inrush Duration (µs)                                             | 150                         |
| 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                                  | 64                          |
| Max. products per 16A C Breaker                                  | 100                         |
| Max. products per 10A B Breaker                                  | 40                          |
| Max. products per 16A B Breaker                                  | 60                          |
| Connectable conductor cross section - Min (mm²)                  | 0.5                         |
| Connectable conductor cross section - Max (mm²)                  | 1.5                         |

## OPTIX RECESSED 4 CELLS 3000K ALU 2021688

### LIFETIME DATA

|                  |        |
|------------------|--------|
| Lifespan L70 B50 | 120000 |
| Lifespan L80 B20 | 96500  |
| Lifespan L90 B10 | 42000  |

### PHYSICAL DATA

|                             |                  |
|-----------------------------|------------------|
| Housing colour              | RAL9016          |
| IP rating                   | IP20             |
| IK rating                   | IK07             |
| Diffuser finish             | Matt/satinized   |
| Diffuser material           | PC Polycarbonate |
| Nominal Product Length (mm) | 310              |
| Nominal Product Width (mm)  | 100              |
| Nominal Product Height (mm) | 45               |
| Weight (kg)                 | 0.69             |

### PACKAGING

|                                       |                |
|---------------------------------------|----------------|
| Product EAN number                    | 5025768216888  |
| Packaging single length / height (cm) | 36.5           |
| Packaging single width (cm)           | 18.2           |
| Packaging single depth (cm)           | 6.0            |
| DUN14 (inner)                         | 05025768216888 |
| Units per outer package               | 1              |
| Packaging outer length / height (cm)  | 36.5           |
| Packaging outer width (cm)            | 18.2           |
| Packaging outer depth (cm)            | 6.0            |

### SAFETY DATA

|                                     |       |
|-------------------------------------|-------|
| Glow Wire Test (°C)                 | 850   |
| Optimal operating condition (°C)    | 10-25 |
| Special purpose lamp                | No    |
| Dry applications use only           | No    |
| Suitable for household illumination | No    |

# Concord

OPTIX RECESSED 4 CELLS 3000K ALU  
**2021688**

---