



Features

• DELTAWING 1500 4K EM is a ceiling and wall surface, suspended LED luminaire with opal diffuser, 1440x160x60mm dimensions, 58W system power, 7,400lm flux and 128lm/W efficacy, CRi (Ra) >80, 4000K (Neutral White) CCT, chromaticity tolerance of 3-step MacAdam ellipse, Constant Current (4-steps DIP switch) driver and 3hrs emergency with LiFePO4 battery, RAL9003 finishing, L70B50 100khrs / L80B50 80khrs lifespan, IK06 impact resistance, IP44 ingress protection rating (in ceiling surface installation), Electrical protection Class I, Glow wire test 850°C.

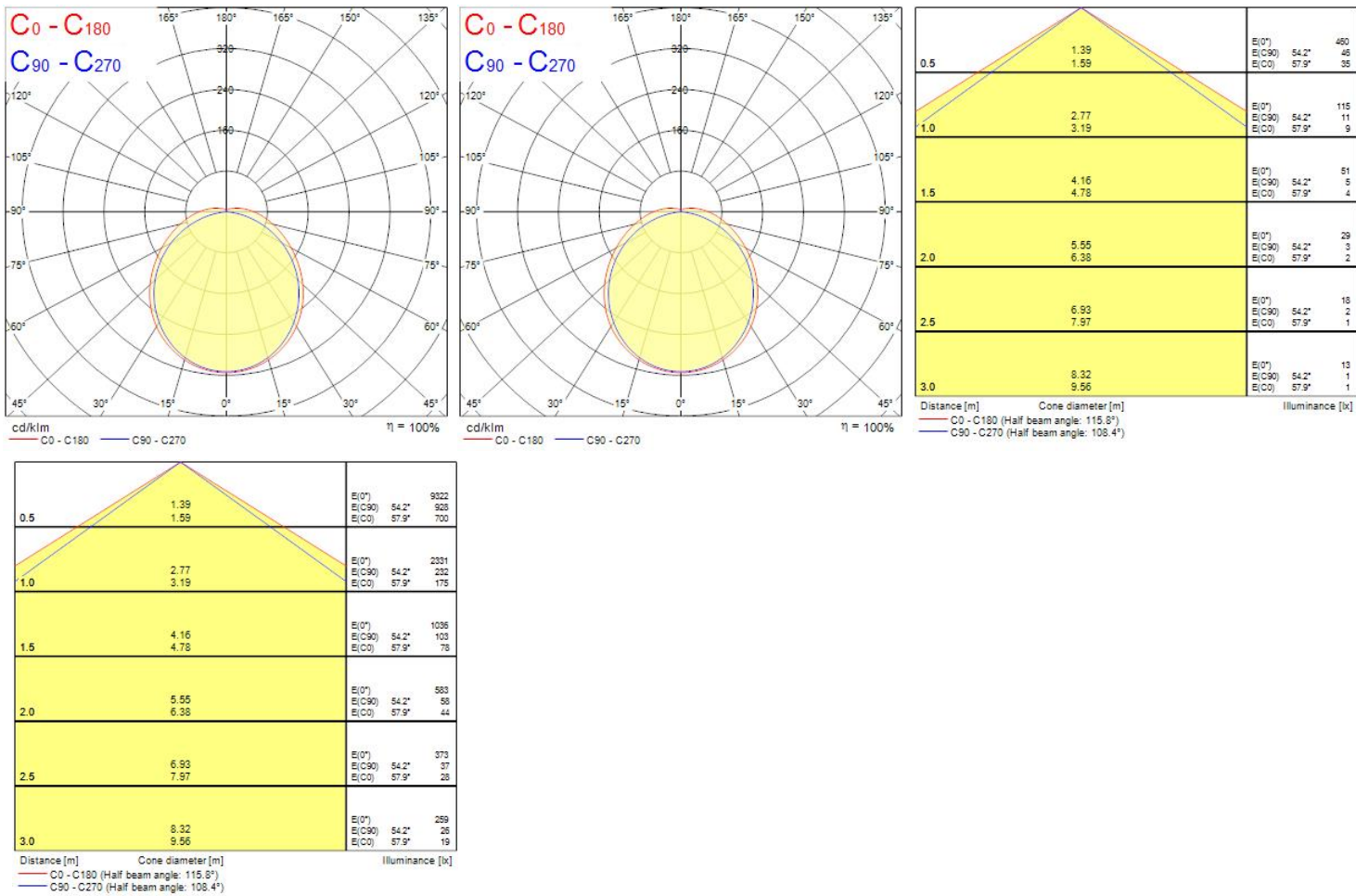
Product Overview

|                                   |                                                |
|-----------------------------------|------------------------------------------------|
| Product name                      | DELTAWING 1500 4K EM                           |
| Technology                        | LED (3 SDCM)                                   |
| Cap/Base                          | N/A                                            |
| Housing                           | PC Polycarbonate, Steel                        |
| Mount                             | Ceiling surface mounting, Wall surface mounted |
| General application               | Education, Office, Logistics & Industry        |
| ETIM Class                        | EC002892                                       |
| Fixture luminous flux (lm)        | 7400                                           |
| Luminaire efficacy (lm/W)         | 128                                            |
| Correlated colour temperature (k) | 4000                                           |
| Light colour                      | Neutral White                                  |
| CRI (Ra)                          | 80                                             |
| Colour Variation Initial (SDCM)   | 3                                              |
| Beam Angle (°)                    | 120                                            |
| Photobiological Risk Group        | RG0                                            |
| Total power consumption (W)       | 58                                             |
| Electrical protection             | Class I                                        |
| Control gear type                 | LED driver constant current                    |

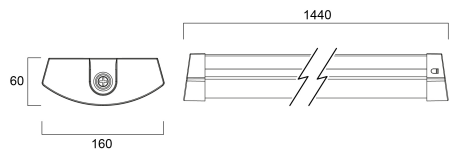
DELTAWING 1500 4K EM  
0042936

|                    |               |
|--------------------|---------------|
| Dimmable           | No            |
| Housing colour     | RAL9003       |
| IP rating          | IP44          |
| IK rating          | IK06          |
| Product EAN number | 5410288429366 |
| Warranty           | 5 years       |
| Dimming method     | N/A           |

Photometry



Technical drawings



Data table

GENERAL DATA

|                                  |                                                |
|----------------------------------|------------------------------------------------|
| Product name                     | DELTAWING 1500 4K EM                           |
| Technology                       | LED (3 SDCM)                                   |
| Cap/Base                         | N/A                                            |
| Housing                          | PC Polycarbonate, Steel                        |
| Mount                            | Ceiling surface mounting, Wall surface mounted |
| General application              | Education, Office, Logistics & Industry        |
| Operating temperature range (°C) | -20°C...+40°C                                  |
| ETIM Class                       | EC002892                                       |
| Warranty                         | 5 years                                        |

OPTICAL DATA

|                                   |               |
|-----------------------------------|---------------|
| Fixture luminous flux (lm)        | 7400          |
| Luminaire efficacy (lm/W)         | 128           |
| Correlated colour temperature (k) | 4000          |
| Light colour                      | Neutral White |
| CRI (Ra)                          | 80            |
| Colour Variation Initial (SDCM)   | 3             |
| Beam Angle (°)                    | 120           |
| Distribution type                 | Symmetric     |
| Photobiological Risk Group        | RG0           |
| Emergency duration (h)            | 3             |

### ELECTRICAL DATA

|                                                                       |                             |
|-----------------------------------------------------------------------|-----------------------------|
| Total power consumption (W)                                           | 58                          |
| Primary Supply/Product voltage - min (V)                              | 220.0                       |
| Primary Supply/Product voltage - max (V)                              | 240.0                       |
| Lamp power factor                                                     | 0.9                         |
| THD (at 230 V, 50 Hz, full load, at 100% dimming level) $\leq$ xx.x % | 20                          |
| Electrical protection                                                 | Class I                     |
| Control gear required                                                 | No                          |
| Control gear type                                                     | LED driver constant current |
| Dimmable                                                              | No                          |
| Dimming method                                                        | N/A                         |
| Drive current (mA)                                                    | 350                         |
| Inrush Current (A)                                                    | 35                          |
| Inrush Duration ( $\mu$ s)                                            | 250                         |
| Energy Efficiency Class (A->G) of contained light source              | D                           |
| Nominal Frequency (Hz)                                                | 50/60Hz                     |
| Max. products per 10A C Breaker                                       | 34                          |
| Max. products per 16A C Breaker                                       | 54                          |
| Max. products per 16A B Breaker                                       | 32                          |
| Connectable conductor cross section - Max (mm <sup>2</sup> )          | 1.5                         |

### LIFETIME DATA

|                  |        |
|------------------|--------|
| Lifespan L70 B50 | 100000 |
| Lifespan L80 B20 | 80000  |

### PHYSICAL DATA

|                 |         |
|-----------------|---------|
| Housing colour  | RAL9003 |
| IP rating       | IP44    |
| IK rating       | IK06    |
| Diffuser finish | Diffuse |



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|                             |                  |
|-----------------------------|------------------|
| Diffuser material           | PC Polycarbonate |
| Nominal Product Length (mm) | 1440             |
| Nominal Product Width (mm)  | 160              |
| Nominal Product Height (mm) | 60               |
| Weight (kg)                 | 2.625            |

PACKAGING

|                                       |                |
|---------------------------------------|----------------|
| Product EAN number                    | 5410288429366  |
| Packaging single length / height (cm) | 149.6          |
| Packaging single width (cm)           | 16.5           |
| Packaging single depth (cm)           | 6.6            |
| DUN14 (inner)                         | 15410288429363 |
| Units per outer package               | 4              |
| Packaging outer length / height (cm)  | 151.0          |
| Packaging outer width (cm)            | 34.5           |
| Packaging outer depth (cm)            | 15.2           |

SAFETY DATA

|                                     |        |
|-------------------------------------|--------|
| Glow Wire Test (°C)                 | 850    |
| Optimal operating condition (°C)    | -20-40 |
| Special purpose lamp                | No     |
| Dry applications use only           | No     |
| Suitable for household illumination | No     |