

## DeltaWing LED - DALI dimmable

*DELTAWING LED38 DALI 3K 1200*  
0044882



### Product features

- Low profile surface and suspended LED diffuser luminaire, 1218mm x 200mm, 3000K Warm White, DALI dimmable, 3828lm, 36W, lifespan: 55,000 hours L90B10, A++ A+ A



### PRODUCT OVERVIEW

|                             |  |
|-----------------------------|--|
| Product name                | DELTAWING LED38 DALI 3K 1200                                 |
| Technology                  | LED  |
| Cap/Base                    | N/A  |
| Housing                     | Steel  |
| Mount                       | Ceiling surface mounting, Suspended                          |
| Environment                 | Internal   |
| General application         | Education, Hospitality, Logistics & Industry, Office, Retail |
| ETIM Class                  | EC002892   |
| E-number SE                 | 7014014  |
| Warranty                    | 5 years  |
| Fixture luminous flux (lm)  | 3828   |
| Luminaire efficacy (lm/W)   | 106.33   |
| LOR (%)                     | 100  |
| Colour temperature (K)      | 3000   |
| Light colour                | Warm White   |
| CRI (Ra)                    | 80   |
| Colour Consistency (SDCM)   | 3  |
| Beam Angle (°)              | 103  |
| Glare control               | < 22   |
| Photobiological Risk Group  | RG0  |
| Total power consumption (W) | 36   |
| Product Voltage (V)         | 240  |
| Electrical protection       | Class I  |
| Control gear type           | Electronic ballast   |
| Dimmable                    | Yes  |
| Minimum dimming level (%)   | 95   |
| Housing colour              | White  |
| IP rating                   | IP44   |
| IK rating                   | IK08   |
| Product EAN number          | 5410288448824  |

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### DATA TABLE

#### General data

|   |  |
|---|--|
| Product name                            | DELTAWING LED38 DALI 3K 1200                                 |
| Technology                              | LED  |
| Cap/Base                                | N/A  |
| Housing                                 | Steel  |
| Mount                                   | Ceiling surface mounting, Suspended                          |
| Environment                             | Internal   |
| General application                     | Education, Hospitality, Logistics & Industry, Office, Retail |
| Operating temperature range (°C)        | -10°C - 25°C   |
| Performance ambient temperature Tq (°C) | 25   |
| ETIM Class                              | EC002892   |
| E-number SE                             | 7014014  |
| Warranty                                | 5 years  |

#### Optical data

|                            |            |
|----------------------------|------------|
| Fixture luminous flux (lm) | 3828       |
| Luminaire efficacy (lm/W)  | 106.33     |
| LOR (%)                    | 100        |
| Colour temperature (K)     | 3000       |
| Light colour               | Warm White |
| CRI (Ra)                   | 80         |
| Colour Consistency (SDCM)  | 3          |
| Adjustable chromaticity    | N          |
| Beam Angle (°)             | 103        |
| Glare control              | < 22       |
| Photobiological Risk Group | RG0        |

#### Electrical data

|  |                    |
|--|--------------------|
| Total power consumption (W)                              | 36                 |
| Mains voltage (V)  | 220-240V~          |
| Product Voltage (V)                                      | 240                |
| Lamp power factor  | 0.9                |
| Electrical protection                                    | Class I            |
| Control gear type  | Electronic ballast |
| Transformer required                                     | Yes                |
| Dimmable   | Yes                |
| Minimum dimming level (%)                                | 95                 |
| Drive current (mA)                                       | 350                |
| Inrush Current (A)                                       | 30                 |
| Inrush Duration (µs)                                     | 200                |
| Glow Wire Test (°C)                                      | 850                |
| Energy Efficiency Class (A->G) of contained light source | C                  |
| Nominal Frequency (Hz)                                   | 50/60Hz            |
| Max. Luminaires per 10A C Breaker                        | 12                 |
| Max. Luminaires per 16A C Breaker                        | 20                 |

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|                                   |    |
|-----------------------------------|----|
| Max. Luminaires per 10A B Breaker | 12 |
| Max. Luminaires per 16A B Breaker | 20 |

### Lifetime data

|                  |        |
|------------------|--------|
| Lifespan L70 B50 | 100000 |
| Lifespan L80 B20 | 100000 |
| Lifespan L90 B10 | 55800  |

### Physical data

|                             |                  |
|-----------------------------|------------------|
| Housing colour              | White            |
| IP rating                   | IP44             |
| IK rating                   | IK08             |
| Diffuser finish             | Opal             |
| Diffuser material           | PC Polycarbonate |
| Nominal Product Length (mm) | 1218             |
| Nominal Product Width (mm)  | 200              |
| Nominal Product Height (mm) | 85               |
| Weight (kg)                 | 3.4              |

### Packaging

|                                       |                |
|---------------------------------------|----------------|
| Single packaging type                 | Carton         |
| Product EAN number                    | 5410288448824  |
| Packaging single length / height (cm) | 122.0          |
| Packaging single width (cm)           | 9.0            |
| Packaging single depth (cm)           | 22.5           |
| DUN14 (outer)                         | 05410288448824 |
| Units per outer package               | 1              |
| Packaging outer length / height (cm)  | 122.0          |
| Packaging outer width (cm)            | 9.0            |
| Packaging outer depth (cm)            | 22.5           |

### Safety data

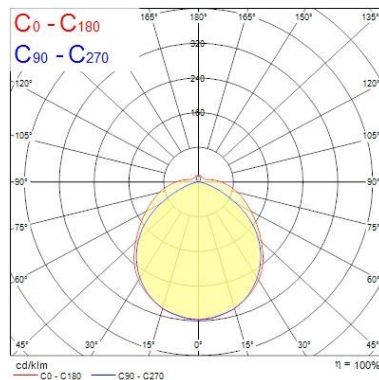
|                                  |        |
|----------------------------------|--------|
| Optimal operating condition (°C) | -10-25 |
|----------------------------------|--------|

## PHOTOMETRY

| Distance [m] | Cone diameter [m] | E(0°)       | E(C90)       | E(C0)       |
|--------------|-------------------|-------------|--------------|-------------|
| 0.5          | 1.27<br>1.46      | 81**<br>873 | 55.5*<br>442 | 4888<br>373 |
| 1.0          | 2.53<br>2.91      | 81**<br>145 | 55.5*<br>110 | 1215<br>93  |
| 1.5          | 3.80<br>4.37      | 81**<br>64  | 55.5*<br>49  | 540<br>41   |
| 2.0          | 5.06<br>5.82      | 81**<br>38  | 55.5*<br>28  | 304<br>23   |
| 2.5          | 6.33<br>7.28      | 81**<br>23  | 55.5*<br>18  | 194<br>14   |
| 3.0          | 7.60<br>8.73      | 81**<br>16  | 55.5*<br>12  | 135<br>10   |

Distance [m]      Cone diameter [m]      Illuminance [lx]

— C0 - C180 (Half beam angle: 111.0°)  
— C90 - C270 (Half beam angle: 109.4°)



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## TECHNICAL DRAWINGS

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