

# DELTAWING 1500 4K DALI

Item No: 0042933

**SYLVANIA**

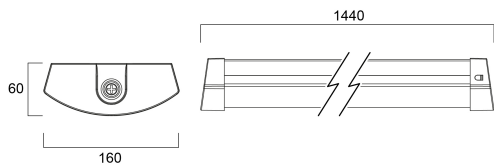
**PRO**<sup>TM</sup>



DELTAWING 1500 4K DALI is a ceiling and wall surface, suspended LED luminaire with opal diffuser, 1440x160x60mm dimensions, 55W system power, 7,400lm flux and 135lm/W efficacy, CRI (Ra) >80, 4000K (Neutral White) CCT, chromaticity tolerance of 3-step MacAdam ellipse, DALI dimmable driver, 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.

## Technical Assets

### Dimensions (mm)



### Photometrics

| 0.5                                    |                   | 1.39  | E(0°)            | 9079 |  |  |
|----------------------------------------|-------------------|-------|------------------|------|--|--|
|                                        |                   | 1.60  | E(C90) 54.2°     | 904  |  |  |
|                                        |                   |       | E(C0) 59.2°      | 911  |  |  |
| 1.0                                    |                   | 2.77  | E(0°)            | 2270 |  |  |
|                                        |                   | 3.36  | E(C90) 54.2°     | 228  |  |  |
|                                        |                   |       | E(C0) 69.2°      | 155  |  |  |
| 1.5                                    |                   | 4.16  | E(0°)            | 1009 |  |  |
|                                        |                   | 5.03  | E(C90) 54.2°     | 100  |  |  |
|                                        |                   |       | E(C0) 69.2°      | 68   |  |  |
| 2.0                                    |                   | 5.55  | E(0°)            | 567  |  |  |
|                                        |                   | 6.71  | E(C90) 54.2°     | 58   |  |  |
|                                        |                   |       | E(C0) 69.2°      | 39   |  |  |
| 2.5                                    |                   | 6.93  | E(0°)            | 383  |  |  |
|                                        |                   | 8.39  | E(C90) 54.2°     | 38   |  |  |
|                                        |                   |       | E(C0) 69.2°      | 24   |  |  |
| 3.0                                    |                   | 8.32  | E(0°)            | 282  |  |  |
|                                        |                   | 10.07 | E(C90) 54.2°     | 28   |  |  |
|                                        |                   |       | E(C0) 69.2°      | 17   |  |  |
| Distance [m]                           | Cone diameter [m] |       | Illuminance [lx] |      |  |  |
| — C7 - C180 (half beam angle: 108.4°)  |                   |       |                  |      |  |  |
| — C90 - C270 (half beam angle: 108.4°) |                   |       |                  |      |  |  |

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## General data

|                                  |                                                |
|----------------------------------|------------------------------------------------|
| Product name                     | DELTAWING 1500 4K DALI                         |
| Technology                       | LED                                            |
| Cap/Base                         | N/A                                            |
| Housing                          | Steel                                          |
| Mount                            | Ceiling surface mounting, Wall surface mounted |
| Built in presence detector       | NONE                                           |
| General application              | Office, Education, Logistics & Industry        |
| Operating temperature range (°C) | -20°C...+40°C                                  |
| Virtual assistant compatibility  | N/A                                            |
| ETIM Class                       | EC002892                                       |
| E-number FI                      | 4279333                                        |
| Warranty                         | 5 years                                        |

## Optical data

|                                   |               |
|-----------------------------------|---------------|
| Fixture luminous flux (lm)        | 7400          |
| Luminaire efficacy (lm/W)         | 135           |
| Correlated colour temperature (k) | 4000          |
| Light colour                      | Neutral White |
| CRI (Ra)                          | 80            |
| Colour Variation Initial (SDCM)   | SDCM3         |
| Beam Angle (°)                    | 120           |
| Distribution type                 | Symmetric     |
| Glare control                     | < 28          |
| Photobiological Risk Group        | RG0           |

## Electrical data

|                                                                  |                             |
|------------------------------------------------------------------|-----------------------------|
| Emergency type                                                   |                             |
| Total power consumption (W)                                      | 55                          |
| 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) ≤ xx.x % | 10                          |
| Electrical protection                                            | Class I                     |
| Control gear required                                            | No                          |
| Control gear type                                                | LED driver constant current |
| Dimmable                                                         | Yes                         |
| Dimming method                                                   | DALI-2                      |
| Minimum dimming level (%)                                        | 1                           |
| Drive current (mA)                                               | 350                         |
| Inrush Current (A)                                               | 27.1                        |
| Inrush Duration (µs)                                             | 266                         |
| 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                                  | 17                          |
| Max. products per 16A C Breaker                                  | 14                          |
| Max. products per 16A B Breaker                                  | 11                          |
| Connectable conductor cross section - Min (mm²)                  | 1                           |
| Connectable conductor cross section - Max (mm²)                  | 2.5                         |

## Lifetime data

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

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## Physical data

|                             |                         |
|-----------------------------|-------------------------|
| Housing colour              | RAL 9003 - Signal white |
| IP rating                   | IP44                    |
| IK rating                   | IK06                    |
| Diffuser finish             | Diffuse                 |
| Diffuser material           | PC Polycarbonate        |
| Reflector finish            | Not Applicable          |
| Nominal Product Length (mm) | 1440                    |
| Nominal Product Width (mm)  | 160                     |
| Nominal Product Height (mm) | 60                      |
| Weight (kg)                 | 2.625                   |

## Packaging

|                                       |                |
|---------------------------------------|----------------|
| Product EAN number                    | 5410288429335  |
| Packaging single length / height (cm) | 149.6          |
| Packaging single width (cm)           | 16.5           |
| Packaging single depth (cm)           | 6.6            |
| DUN14 (inner)                         | 15410288429332 |
| 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 |