

# DeltaWing - Electronic

DELTA WING PRO IP44 228 EB 830

3044664



## Range features

- 28W - 54W low profile surface diffuser luminaires
- Sleek luminaire, incorporating a shallow designed steel gear tray with side emitting diffuser optics
- Available in single or twin T5 versions
- Smooth Polycarbonate extruded diffusers provide high efficiency, while minimising glare
- Internal reflector ensures components are hidden from view
- Integrated Microwave sensors mounted discretely behind the diffuser helps further reduce energy and maintenance bills
- DALI Dimmable and 3 hour emergency versions available as standard
- 
- Microwave features:
- Dual adjustable sensitivities (on and off)
- Wide detection area (see diagram below)
- Uses microwave technology for better detection
- IR handset for override-on/off and sensitivity adjustment
- Multi-luminaire grouped control options available on request



## PRODUCT OVERVIEW

|                              |                                  |
|------------------------------|----------------------------------|
| Technology                   | Fluorescent                      |
| Ordering number              | 3044664                          |
| EAN code                     | 8711971446644                    |
| Certifications               | F-mark                           |
| Mount                        | Ceiling pendant, Ceiling surface |
| Housing                      | Painted steel                    |
| LOR (%)                      | 75%                              |
| Colour temperature (K)       | 3000                             |
| Luminous flux (lm)           | 3960                             |
| Efficacy (Rated) 100h (lm/W) | 64                               |
| Watt (Nominal) (W)           | 2 x 28                           |
| Voltage (V)                  | 230                              |
| Lamps                        | FHE 28W/T5/830                   |
| Colour                       | Transparent                      |
| Included lamp                | 0002766                          |
| IP rating                    | 44                               |
| IK rating                    | 8                                |

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## DATA TABLE

## General data

|                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Technology                | Fluorescent                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Ordering number           | 3044664                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| EAN code                  | 8711971446644                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| E-number FI               | 4270868                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Certifications            | F-mark                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Mount                     | Ceiling pendant, Ceiling surface                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Range features            | 28W - 54W low profile surface diffuser luminaires. Sleek luminaire, incorporating a shallow designed steel gear tray with side emitting diffuser optics. Available in single or twin T5 versions. Smooth Polycarbonate extruded diffusers provide high efficiency, while minimising glare. Internal reflector ensures components are hidden from view. Integrated Microwave sensors mounted discretely behind the diffuser helps further reduce energy and maintenance bills. DALI Dimmable and 3 hour emergency versions available as standard. Microwave features: Dual adjustable sensitivities (on and off). Wide detection area (see diagram below). Uses microwave technology for better detection. IR handset for override-on/off and sensitivity adjustment. Multi-luminaire grouped control options available on request |
| Product name              | DELTAWING PRO IP44 228 EB 830                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Control gear availability | Included                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Control gear mounting     | Integral                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Control gear type         | Electronic                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Environment               | Interior                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| General application       | educational establishments, nursing homes, storage facilities, and circulation area including stairwells.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Housing                   | Painted steel                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| National safety marks     | ENEC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Sales pack quantity       | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |

## Optical data

|                        |                    |
|------------------------|--------------------|
| LOR (%)                | 75%                |
| Colour temperature (K) | 3000               |
| Luminous flux (lm)     | 3960               |
| Distribution type      | Direct - Symmetric |

## Electrical data

|                              |                |
|------------------------------|----------------|
| Efficacy (Rated) 100h (lm/W) | 64             |
| Total power consumption (W)  | 64             |
| Watt (Nominal) (W)           | 2 x 28         |
| Voltage (V)                  | 230            |
| Ta rating                    | 25°C           |
| Electrical protection        | Class I        |
| Glow wire test               | 850°C          |
| Lamps                        | FHE 28W/T5/830 |
| Total number of lamps        | 2              |

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### Physical data

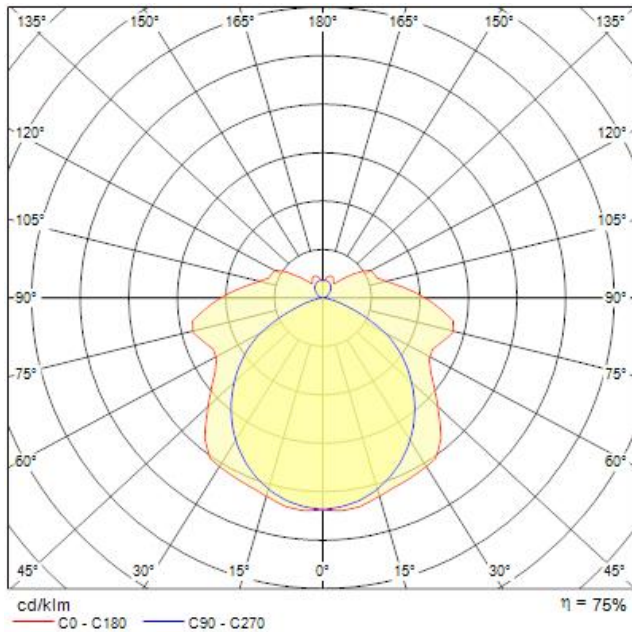
|                                            |                       |
|--------------------------------------------|-----------------------|
| Weight (kg)                                | 3.20                  |
| Colour                                     | Transparent           |
| Lamp included                              | Yes                   |
| Included lamp                              | 0002766               |
| Height (mm)                                | 85                    |
| Width (mm)                                 | 200                   |
| Length (mm)                                | 1218                  |
| IP rating                                  | 44                    |
| IK rating                                  | 8                     |
| Diffuser finish                            | Prismatic             |
| Diffuser material                          | Polycarbonate         |
| Emergency                                  | Without               |
| Reflector finish                           | Facetted              |
| Single package dimensions (L x W x H) (cm) | 122.00 x 9.00 x 22.50 |
| Outer package dimensions (L x W x H) (cm)  | 122.00 x 9.00 x 22.50 |

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### PHOTOMETRY



|     |                |                          |                |                  |
|-----|----------------|--------------------------|----------------|------------------|
| 0.5 | 1.25<br>33.69  | E(0°)<br>E(C90)<br>E(C0) | 51.3°<br>88.3° | 3690<br>451<br>0 |
| 1.0 | 2.50<br>67.39  | E(0°)<br>E(C90)<br>E(C0) | 51.3°<br>88.3° | 922<br>113<br>0  |
| 1.5 | 3.74<br>101.08 | E(0°)<br>E(C90)<br>E(C0) | 51.3°<br>88.3° | 410<br>50<br>0   |
| 2.0 | 4.99<br>134.77 | E(0°)<br>E(C90)<br>E(C0) | 51.3°<br>88.3° | 231<br>28<br>0   |
| 2.5 | 6.24<br>168.47 | E(0°)<br>E(C90)<br>E(C0) | 51.3°<br>88.3° | 148<br>18<br>0   |
| 3.0 | 7.49<br>202.16 | E(0°)<br>E(C90)<br>E(C0) | 51.3°<br>88.3° | 102<br>13<br>0   |

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

— C0 - C180 (Half beam angle: 176.6°)  
— C90 - C270 (Half beam angle: 102.6°)

### TECHNICAL DRAWINGS



|                | Size (mm) |     |    |      |      |
|----------------|-----------|-----|----|------|------|
|                | L         | I   | H  | F1   | F2   |
| 1x28/54w       | 1218      | 201 | 85 | 1050 | 1130 |
| 1x35/49w       | 1518      | 201 | 85 | 1350 | 1430 |
| 2x14w          | 618       | 201 | 85 | 450  | 530  |
| 2x28/54w       | 1218      | 201 | 85 | 1050 | 1130 |
| 2x32/35/45/49w | 1518      | 201 | 85 | 1350 | 1430 |

### ENERGY LABEL

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