

## Start Downlight Flat 226 1700LM 830 DIM SM 0054128



### Features

- START Downlight Flat DIM Surface is an integrated LED surface mounted downlight with a separate, phase dimmable driver and loop in- out box, 17W; 1700Lm; 100Lm/W; 3000K; IP20.

### Product Overview

|                                 |                                            |
|---------------------------------|--------------------------------------------|
| Product name                    | Start Downlight Flat 226 1700LM 830 DIM SM |
| Technology                      | LED                                        |
| Cap/Base                        | N/A                                        |
| Housing                         | Aluminium                                  |
| Mount                           | Ceiling surface mounting                   |
| General application             | Hospitality                                |
| ETIM Class                      | EC001744                                   |
| E-number FI                     | 4278503                                    |
| Fixture luminous flux (lm)      | 1700                                       |
| Luminaire efficacy (lm/W)       | 100                                        |
| Colour temperature (K)          | 3000                                       |
| Light colour                    | Warm White                                 |
| CRI (Ra)                        | 80                                         |
| Colour Variation Initial (SDCM) | 3                                          |
| Beam Angle (°)                  | 120                                        |
| Glare control                   | < 28                                       |
| Photobiological Risk Group      | RG0                                        |
| Total power consumption (W)     | 17                                         |
| Electrical protection           | Class II                                   |
| Control gear type               | LED driver constant current                |
| Dimmable                        | Yes                                        |
| LED Flickering Rate             | Ultra low (5% or less)                     |
| Housing colour                  | RAL 9003 - Signal white                    |

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|                    |                                |
|--------------------|--------------------------------|
| IP rating          | IP20                           |
| IK rating          | IK06                           |
| Product EAN number | 5410288541280                  |
| Warranty           | 5 years                        |
| Dimming method     | Mains: leading / trailing edge |

### Data table

#### GENERAL DATA

|                                         |                                            |
|-----------------------------------------|--------------------------------------------|
| Product name                            | Start Downlight Flat 226 1700LM 830 DIM SM |
| Technology                              | LED                                        |
| Cap/Base                                | N/A                                        |
| Housing                                 | Aluminium                                  |
| Mount                                   | Ceiling surface mounting                   |
| General application                     | Hospitality                                |
| Operating temperature range (°C)        | -20°C...+25°C                              |
| Performance ambient temperature Tq (°C) | 25                                         |
| ETIM Class                              | EC001744                                   |
| E-number FI                             | 4278503                                    |
| Warranty                                | 5 years                                    |

#### OPTICAL DATA

|                                 |            |
|---------------------------------|------------|
| Fixture luminous flux (lm)      | 1700       |
| Luminaire efficacy (lm/W)       | 100        |
| Colour temperature (K)          | 3000       |
| Light colour                    | Warm White |
| CRI (Ra)                        | 80         |
| Colour Variation Initial (SDCM) | 3          |
| Beam Angle (°)                  | 120        |
| Distribution type               | Symmetric  |
| Glare control                   | < 28       |
| Photobiological Risk Group      | RG0        |

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### ELECTRICAL DATA

|                                                                       |                                |
|-----------------------------------------------------------------------|--------------------------------|
| Total power consumption (W)                                           | 17                             |
| Mains voltage (V)                                                     | 220-240V                       |
| Lamp power factor                                                     | 0.9                            |
| THD (at 230 V, 50 Hz, full load, at 100% dimming level) $\leq$ xx.x % | 20.0                           |
| Electrical protection                                                 | Class II                       |
| Control gear required                                                 | No                             |
| Control gear type                                                     | LED driver constant current    |
| Dimmable                                                              | Yes                            |
| Dimming method                                                        | Mains: leading / trailing edge |
| Drive current (mA)                                                    | 450                            |
| Inrush Current (A)                                                    | 4.16                           |
| Inrush Duration ( $\mu$ s)                                            | 112                            |
| Glow Wire Test ( $^{\circ}$ C)                                        | 650                            |
| Energy Efficiency Class (A->G) of contained light source              | E                              |
| Nominal Frequency (Hz)                                                | 50Hz                           |
| LED Flickering Rate                                                   | Ultra low (5% or less)         |
| Max. Luminaires per 10A C Breaker                                     | 67                             |
| Max. Luminaires per 13A C Breaker                                     | 87                             |
| Max. Luminaires per 16A C Breaker                                     | 107                            |
| Max. Luminaires per 20A C Breaker                                     | 133                            |
| Max. Luminaires per 10A B Breaker                                     | 67                             |
| Max. Luminaires per 13A B Breaker                                     | 87                             |
| Max. Luminaires per 16A B Breaker                                     | 107                            |
| Max. Luminaires per 20A B Breaker                                     | 133                            |

### LIFETIME DATA

|                  |       |
|------------------|-------|
| Lifespan L70 B50 | 78000 |
| Lifespan L80 B20 | 43000 |
| Lifespan L80 B10 | 42000 |
| Lifespan L90 B10 | 23000 |

## Start Downlight Flat 226 1700LM 830 DIM SM 0054128

### PHYSICAL DATA

|                                                   |                         |
|---------------------------------------------------|-------------------------|
| Housing colour                                    | RAL 9003 - Signal white |
| IP rating                                         | IP20                    |
| IK rating                                         | IK06                    |
| Diffuser finish                                   | Opal                    |
| Diffuser material                                 | PS Polystyrene          |
| Reflector finish                                  | None                    |
| Nominal Product Height (mm)                       | 38                      |
| Nominal Product Diameter (mm)                     | 226                     |
| Cutout Dimensions (W x L in mm or Diameter in mm) | NA                      |
| Weight (kg)                                       | 0.664                   |

### PACKAGING

|                                       |                |
|---------------------------------------|----------------|
| Single packaging type                 | Carton         |
| Product EAN number                    | 5410288541280  |
| Packaging single length / height (cm) | 24.7           |
| Packaging single width (cm)           | 4.2            |
| Packaging single depth (cm)           | 23.0           |
| DUN14 (outer)                         | 15410288541287 |
| Units per outer package               | 10             |
| Packaging outer length / height (cm)  | 48.5           |
| Packaging outer width (cm)            | 23.9           |
| Packaging outer depth (cm)            | 29.5           |

### SAFETY DATA

|                                     |        |
|-------------------------------------|--------|
| Optimal operating condition (°C)    | -20-25 |
| Special purpose lamp                | No     |
| Dry applications use only           | No     |
| Suitable for household illumination | No     |