

## Inverto Direct NW Eb Black 3081025



### Features

- Surface Wall mounted luminaire, wire to base with pluggable connection for easy installation, suitable for looping, black coloured aluminium housing, 1,617lm, 16W, 101lm/W, 4000K, 350mA , CRI:80, 40° beam Angle, non-dimmable, IP65, IK07, lifespan: 60,000hrs (L80:B20), 162 x 110 x 110 mm.

### Product Overview

|                             |                            |
|-----------------------------|----------------------------|
| Product name                | Inverto Direct NW Eb Black |
| Technology                  | LED                        |
| Housing                     | Aluminium                  |
| Mount                       | Wall surface mounted       |
| Environment                 | Internal/External          |
| General application         | Hospitality                |
| ETIM Class                  | EC002892                   |
| E-number FI                 | 4579333                    |
| Fixture luminous flux (lm)  | 1617                       |
| Luminaire efficacy (lm/W)   | 101                        |
| LOR (%)                     | 100                        |
| Colour temperature (K)      | 4000                       |
| Light colour                | Neutral White              |
| CRI (Ra)                    | 80                         |
| Colour Consistency (SDCM)   | 3                          |
| Beam Angle (°)              | 40                         |
| Photobiological Risk Group  | RG1                        |
| Total power consumption (W) | 16                         |
| Electrical protection       | Class II                   |
| Control gear type           | Electronic ballast         |
| Dimmable                    | No                         |
| Housing colour              | RAL 9005 - Jet black       |
| IP rating                   | IP65                       |

## Inverto Direct NW Eb Black 3081025

|                    |               |
|--------------------|---------------|
| IK rating          | IK07          |
| Product EAN number | 8711971810254 |
| Warranty           | 5 years       |
| Dimming method     | N/A           |

### Data table

#### GENERAL DATA

|                                         |                            |
|-----------------------------------------|----------------------------|
| Product name                            | Inverto Direct NW Eb Black |
| Technology                              | LED                        |
| Housing                                 | Aluminium                  |
| Mount                                   | Wall surface mounted       |
| Environment                             | Internal/External          |
| General application                     | Hospitality                |
| Operating temperature range (°C)        | -25°C...+25°C              |
| Performance ambient temperature Tq (°C) | 25                         |
| ETIM Class                              | EC002892                   |
| E-number FI                             | 4579333                    |
| Warranty                                | 5 years                    |

#### OPTICAL DATA

|                            |               |
|----------------------------|---------------|
| Fixture luminous flux (lm) | 1617          |
| Luminaire efficacy (lm/W)  | 101           |
| LOR (%)                    | 100           |
| Colour temperature (K)     | 4000          |
| Light colour               | Neutral White |
| CRI (Ra)                   | 80            |
| Colour Consistency (SDCM)  | 3             |
| Adjustable chromaticity    | N             |
| Beam Angle (°)             | 40            |
| Photobiological Risk Group | RG1           |

#### ELECTRICAL DATA

## Inverto Direct NW Eb Black 3081025

|                                                          |                    |
|----------------------------------------------------------|--------------------|
| Total power consumption (W)                              | 16                 |
| Mains voltage (V)                                        | 220-240V           |
| Lamp power factor                                        | 0.95               |
| Electrical protection                                    | Class II           |
| Control gear required                                    | No                 |
| Control gear type                                        | Electronic ballast |
| Dimmable                                                 | No                 |
| Dimming method                                           | N/A                |
| Drive current (mA)                                       | 350                |
| Inrush Current (A)                                       | 10                 |
| Inrush Duration (µs)                                     | 152                |
| Energy Efficiency Class (A->G) of contained light source | D                  |
| Nominal Frequency (Hz)                                   | 50/60Hz            |
| Max. Luminaires per 10A C Breaker                        | 75                 |
| Max. Luminaires per 13A C Breaker                        | 91                 |
| Max. Luminaires per 16A C Breaker                        | 106                |
| Max. Luminaires per 20A C Breaker                        | 126                |
| Max. Luminaires per 10A B Breaker                        | 45                 |
| Max. Luminaires per 13A B Breaker                        | 55                 |
| Max. Luminaires per 16A B Breaker                        | 64                 |
| Max. Luminaires per 20A B Breaker                        | 76                 |

### LIFETIME DATA

|                  |       |
|------------------|-------|
| Lifespan L70 B50 | 60000 |
| Lifespan L80 B20 | 60000 |
| Lifespan L90 B10 | 56100 |

### PHYSICAL DATA

|                   |                      |
|-------------------|----------------------|
| Housing colour    | RAL 9005 - Jet black |
| IP rating         | IP65                 |
| IK rating         | IK07                 |
| Diffuser finish   | Transparent          |
| Diffuser material | Glass                |

## Inverto Direct NW Eb Black 3081025

|                             |       |
|-----------------------------|-------|
| Nominal Product Length (mm) | 162   |
| Nominal Product Width (mm)  | 110   |
| Nominal Product Height (mm) | 110   |
| Weight (kg)                 | 1.461 |

### PACKAGING

|                                       |                |
|---------------------------------------|----------------|
| Single packaging type                 | Carton         |
| Product EAN number                    | 8711971810254  |
| Packaging single length / height (cm) | 23.5           |
| Packaging single width (cm)           | 19.4           |
| Packaging single depth (cm)           | 11.5           |
| DUN14 (outer)                         | 08711971810254 |
| Units per outer package               | 1              |
| Packaging outer length / height (cm)  | 23.5           |
| Packaging outer width (cm)            | 19.4           |
| Packaging outer depth (cm)            | 11.5           |

### SAFETY DATA

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