# EcoAccent ST271T

## ST271T LED40/850 PSU-E NB 1C BK

EcoAccent is the LED solution for shop targeting energy savings. With a system efficacy of 95 lm/W in average, delivering more than 40% energy efficient compared to CDM solution. EcoAccent helps save energy and at the same time provides excellent lighting for retail environment thus enhancing the retail experience. The option of different light distribution for Accent light and varity of lumen packs and colour temperatures makes it an ideal solution for retail lighting.

### Warnings and Safety

· To be used in Indoor Environment only

### Product data

#### General Information

| | |
|---|---|
| Beam angle of light source | 12 ° |
| Light source color | 850 neutral white |
| Driver included | Yes |
| Optic type | Beam angle 12 to 36° |
| Optical cover/lens type | Aluminum and polycarbonate |
| Luminaire light beam spread | 12° |
| Control interface | – |
| Protection class IEC | Safety class II (II) |
| Flammability mark | F [ For mounting on normally flammable surfaces] |
| Warranty period | 3 years |
| Material | Aluminum |
| Light source engine type | LED |

#### Operating and Electrical

| | |
|---|---|
| Input Voltage | 240 V |
| Input Frequency | 50 Hz |

| | |
|---|---|
| Power Factor (Min) | 0.9 |

#### Controls and Dimming

| | |
|---|---|
| Dimmable | No |

#### Mechanical and Housing

| | |
|---|---|
| Housing Material | Aluminum Alloy |
| Optic material | Aluminum and polycarbonate |
| Optical cover/lens material | Polycarbonate |
| Mounting device | MBA [ Mounting bracket adjustable] |
| Overall width | 163 mm |
| Overall height | 225 mm |
| Overall diameter | 90 mm |
| Color | Black |

#### Approval and Application

| | |
|---|---|
| Ingress protection code | IP20 [ Finger-protected] |
| Mech. impact protection code | IK02 [ 0.2 J standard] |

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| | |
|---|---|
| **Surge Protection (Common/Differential)** | 2.5 kV |

## Initial Performance (IEC Compliant)

| | |
|---|---|
| **Initial luminous flux (system flux)** | 4000 lm |
| **Initial LED luminaire efficacy** | 100 lm/W |
| **Init. Corr. Color Temperature** | 5000 K |
| **Init. Color Rendering Index** | >80 |
| **Initial input power** | 42 W |
| **Power consumption tolerance** | +/-10% |

## Over Time Performance (IEC Compliant)

| | |
|---|---|
| **Median useful life L70B50** | 40000 h |

## Application Conditions

| | |
|---|---|
| **Ambient temperature range** | 0 to +45 ℃ |

## Product Data

| | |
|---|---|
| **Order product name** | ST271T LED40/850 PSU-E NB 1C BK |
| **Order code** | 919515810940 |
| **Numerator – Quantity Per Pack** | 1 |
| **Numerator – Packs per outer box** | 1 |
| **Material Nr. (12NC)** | 919515810940 |
| **Net Weight (Piece)** | 0.900 kg |

F / ▢ IK 02 ▢

## Dimensional drawing

Product : XRA TRACK MOUNTED
Type: ST271 T
Application: Indoor



| Lumen | Beam Angle | H~ (MAX) | W | A | B |
|---|---|---|---|---|---|
| 20000 | 12°/ 24°/ 36° | 225 | 169 | 85 | 113 |
| 4000 | 12°/ 24°/ 36° | 220 | 169 | 90 | 113 |

All dimensions are in mm.
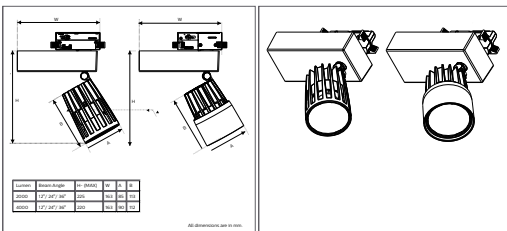
**IN9002RDL – Downlights and spots**

www.lighting.philips.com

2020, May 12 – data subject to change