# EcoAccent ST271T

## ST271T LED20/840 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

| | |
|---|---|
| Driver included | Yes |
| Light source engine type | LED |
| Warranty period | 3 years |
| Flammability mark | For mounting on normally flammable surfaces |

#### Light Technical

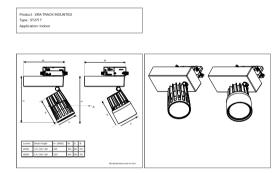| | |
|---|---|
| Luminous Flux | 2,000 lm |
| Correlated Color Temperature (Nom) | 4000 K |
| Luminous Efficacy (rated) (Nom) | 100 lm/W |
| Color rendering index (CRI) | >80 |
| Beam angle of light source | 12 degree(s) |
| Light source color | 840 neutral white |
| Optic type | Beam angle 12 to 36° |
| Optical cover type | Aluminum and polycarbonate |
| Luminaire light beam spread | 12° |

#### Operating and Electrical

| | |
|---|---|
| Input Voltage | 240 V |
| Line Frequency | 50 Hz |
| Power Consumption | 22 W |
| Power Factor (Fraction) | 0.9 |

#### Temperature

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

#### Controls and Dimming

| | |
|---|---|
| Dimmable | No |
| Control interface | – |

#### Mechanical and Housing

| | |
|---|---|
| Housing Material | Aluminum Alloy |
| Optic material | Aluminum and polycarbonate |
| Optical cover material | Polycarbonate |
| Housing Color | Black |

# EcoAccent ST271T

| Mounting device | Mounting bracket adjustable |
| --- | --- |
| Overall width | 163 mm |
| Overall height | 225 mm |
| Overall diameter | 85 mm |
| Material | Aluminum |

## Approval and Application

| Ingress protection code | IP20 [Finger-protected] |
| --- | --- |
| Mech. impact protection code | IK02 [0.2 J standard] |
| Surge Protection (Common/Differential) | 2.5 kV |
| Protection class IEC | Safety class II |

## Initial Performance (IEC Compliant)

| Power consumption tolerance | +/-10% |
| --- | --- |

## Over Time Performance (IEC Compliant)

| Median useful life L70B50 | 40,000 hour(s) |
| --- | --- |

## Product Data

| Order product name | ST271T LED20/840 PSU-E NB 1C BK |
| --- | --- |
| Full product name | ST271T LED20/840 PSU-E NB 1C BK |
| Order code | 919515810928 |
| Material Nr. (12NC) | 919515810928 |
| Numerator – Quantity Per Pack | 1 |
| Numerator – Packs per outer box | 1 |

## Dimensional drawing

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



| Lumen | Beam Angle | H- (MAX) | W | A | B |
| --- | --- | --- | --- | --- | --- |
| 2000 | 12°/ 24°/ 36° | 225 | 163 | 85 | 113 |
| 4000 | 12°/ 24°/ 36° | 220 | 163 | 90 | 113 |

All dimensions are in mm.

www.lighting.philips.com

2023, April 15 – data subject to change