

# PRODUCT DATASHEET

## LED PB BF 3.5W 2G7 H 841

SYLVANIA DULUX® LEDlescent™ Ultra Thin LED Pin Base Lamps (UL TYPE B) | Ultra Thin LEDlescent pin base lamps wire direct to line voltage for CFL retrofits



### Areas of application

- Downlights
- Sconces
- Task Lighting
- Recessed ceiling fixtures

### Product features

- LED replacement for conventional compact fluorescent lamps for use wired directly to line voltage
- Static color temperature
- Horizontal orientation lamps have rotatable bases to adjust direction of light output
- CRI  $\geq 80$
- Frosted plastic finish
- Energy savings up to 68 %
- Ultra thin beam angle 160°, and light emitting area 320°
- 2-pin lamps can be used in sockets intended for 4-pin lamps as the ballast is bypassed
- Compatible with LEDVANCE Emergency Battery Backup (75740)
- 5-year limited lamp warranty (24/7 operation)
- Mercury-free and RoHS compliant
- Power factor:  $> 0.9$

## TECHNICAL DATA

### Additional product data

|                              |                                                                                                                                                           |
|------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| Base type                    | 2G7                                                                                                                                                       |
| Mercury content              | 0.0 mg                                                                                                                                                    |
| Ordering Abbreviation        | LED3.5PB2G7H841BF                                                                                                                                         |
| Abbrev. With Packaging Info. | LED3.5PB2G7H841BF 24/CS 1/SKU                                                                                                                             |
| SKU UPC                      | 0046135420719                                                                                                                                             |
| NAED                         | 42071                                                                                                                                                     |
| Family Brand Name            | SYLVANIA LEDlescent™ DULUX®                                                                                                                               |
| General Description          | DULUX® LEDlescent™ LED Pin Base, 3.5W, 120-277V, 80 CRI, 360 lumens, 4100K, 50,000 hours life, Horizontal Orientation, Ultra thin, 2G7 base, ballast-free |
| Warranty                     | 5 years                                                                                                                                                   |

### Electrical data

|                             |                   |
|-----------------------------|-------------------|
| Nominal Wattage             | 3.50 W            |
| Nominal voltage             | 120.00...277.00 V |
| Claimed Equivalent Lamp Pwr | 7 W               |

### Photometrical data

|                             |        |
|-----------------------------|--------|
| Lumens                      | 360 lm |
| Efficacy                    | 103    |
| Color Temperature/CCT       | 4100 K |
| Color Rendering Index (CRI) | 82     |
| Light color                 | 841    |

### Dimensions & Weight

|                |           |
|----------------|-----------|
| Overall length | 114.30 mm |
| Diameter       | 1.5 in    |
| Product weight | 0.06 lb   |

### Materials & Colors

|                 |          |
|-----------------|----------|
| Lamp Finish     | Frosted  |
| Bulb shape      | T4       |
| Bulb Glass Type | PLASTICS |

### Application & Mounting

|         |    |
|---------|----|
| Dimming | No |
|---------|----|

### Lifespan

|                         |       |
|-------------------------|-------|
| Average Rated Life (hr) | 50000 |
|-------------------------|-------|

### Capabilities

|         |    |
|---------|----|
| Dimming | No |
|---------|----|

### Certificates & Standards

|                       |                    |
|-----------------------|--------------------|
| Certification Listing | RoHS / FCC / cULus |
|-----------------------|--------------------|

### Logistical data

|                   |               |
|-------------------|---------------|
| SKU Qty           | 1             |
| Case Qty          | 24            |
| Case Length (in)  | 6.024         |
| Case Width (in)   | 5.945         |
| Case Depth (in)   | 6.772         |
| Case Cube (ft)    | 0.140         |
| Case Weight (lbs) | 2.676         |
| SKU UPC           | 0046135420719 |
| Pallet Qty        | 9,408         |

### Optional accessories

| Product image                                                                      | Product name           | UPC     |
|------------------------------------------------------------------------------------|------------------------|---------|
|  | EMBB 2A 21W UNV DIM DC | OS75740 |

### Safety advice

- Refer to the installation manual included inside the packaging.
- Ultra thin lamps can be used in enclosed (lens or diffuser) luminaire.
- Not approved for use in vapor tight or sealed luminaire.
- Ambient Operating Range: -4°F to +104°F (-20°C to +40°C)
- THD < 20 %
- Check Pin Based Socket Guide

### DOWNLOAD DATA

| Spec Sheets and Product Documents                                                  |                           | Document name             |
|------------------------------------------------------------------------------------|---------------------------|---------------------------|
|  | Product Family Spec Sheet | DULUX® LED Pin Base Lamps |

| Photometric and lighting design files                                             |                | Document name                                                     |
|-----------------------------------------------------------------------------------|----------------|-------------------------------------------------------------------|
|  | IES file (IES) | IES File for 42071, 42063_LED3.5PB2G7H841BF and LED3.5PBG23H841AB |

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## DISCLAIMER

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.