

# PRODUCT DATASHEET

## LED PB AB 3.5W G23 H 8 4CCT

SYLVANIA DULUX® DUALescent™ Ultra Thin LED Pin Base Lamps (UL TYPE A+B) | Ultra Thin DUALescent pin base lamps offer ballast or line voltage use for CFL retrofits



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### Areas of application

- Downlights
- Sconces
- Task Lighting
- Recessed ceiling fixtures

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### Product features

- LED replacement for conventional compact fluorescent lamps for use with existing ballast or wired directly to line voltage
- Energy savings up to 68 %
- Horizontal orientation lamps have rotatable bases to adjust direction of light output
- As Type A, lamps operate on magnetic ballasts
- CRI  $\geq 80$
- 2-pin lamps can be used in sockets intended for 4-pin lamps as the ballast is bypassed
- Ultra thin beam angle 160°, and light emitting area 320°
- When used as Type B, 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                    | G23                                                                                                                                                                                                                  |
| Mercury content              | 0.0 mg                                                                                                                                                                                                               |
| Ordering Abbreviation        | LED3.5PBG23H8SC16AB                                                                                                                                                                                                  |
| Abbrev. With Packaging Info. | LED3.5PBG23H8SC16AB 24/CS 1/SKU                                                                                                                                                                                      |
| SKU UPC                      | 0046135425097                                                                                                                                                                                                        |
| NAED                         | 42509                                                                                                                                                                                                                |
| Family Brand Name            | DUALescent™ DULUX®                                                                                                                                                                                                   |
| General Description          | DULUX® DUALescent™ Pin Base, 3.5W, 80 CRI, 360/370/380/400 lumens, 2700/3000/3500/4100K CCT Selectable, 50,000 hours life, Horizontal Orientation, G23 base, Magnetic Ballast-compatible and Ballast-Free operation. |

### Electrical data

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

### Photometrical data

|                             |                       |
|-----------------------------|-----------------------|
| Lumens                      | 360/380/400 lm        |
| Efficacy                    | 114                   |
| Color Temperature/CCT       | 2700/3000/3500/4100 K |
| Color Rendering Index (CRI) | 80                    |
| Light color                 | 827                   |

### Dimensions & Weight

|                |           |
|----------------|-----------|
| Overall length | 134.01 mm |
| Diameter       | 1.26 in   |
| Product weight | 0.07 lb   |

### Materials & Colors

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

### Application & Mounting

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

### Temperatures & operating conditions

|                           |              |
|---------------------------|--------------|
| Ambient temperature range | -20...+45 °C |
|---------------------------|--------------|

### 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)  | 6.496         |
| Case Width (in)   | 6.260         |
| Case Depth (in)   | 6.772         |
| Case Cube (ft)    | 0.159         |
| Case Weight (lbs) | 3.550         |
| SKU UPC           | 0046135425097 |
| Pallet Qty        | 7,056         |

### Optional accessories

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

### Safety advice

- For proper use and warranty coverage, installer must consult the ballast compatibility list to ensure that the lamp and ballast combination is deemed compatible and will operate as intended.
- Refer to the installation manual included inside the packaging.
- 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                                |
|-------------------------------------------------------------------------------------------------------|----------------------------------------------|
|  Installation Guide | Install Guide DULUX DUALescent Pin Base 3.5W |

| 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 DULUS LED Pin Base Replacement Lamp 3.5W G23H |

DISCLAIMER

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