

# PRODUCT DATASHEET

## LED PB AB 7W G24d O 835

SYLVANIA DULUX® DUALescent™ Omnidirectional LED Pin Base Lamps (UL TYPE A+B) | Omni DUALescent pin base lamps work with ballast or line voltage 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
- Omnidirectional lamps with 360° beam angle and light emitting angle of 360°
- CRI  $\geq 80$
- Frosted plastic finish

- Energy savings up to 68 %
- 2-pin lamps can be used in sockets intended for 4-pin lamps as the ballast is bypassed
- As Type A, lamps operate on magnetic ballasts except 42507, which operates on electronic ballasts
- 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                    | G24d-2                                                                                                      |
| Mercury content              | 0.0 mg                                                                                                      |
| Ordering Abbreviation        | LED7PBG24DO835AB                                                                                            |
| Abbrev. With Packaging Info. | LED7PBG24DO835AB 24/CS 1/SKU                                                                                |
| SKU UPC                      | 0046135417214                                                                                               |
| NAED                         | 41721                                                                                                       |
| Family Brand Name            | DUALescent™ DULUX®                                                                                          |
| General Description          | DUALescent™ DULUX® LED Pin Base, 7W, 3500K, 80 CRI, 880 Lumens, 50,000 Hrs Life, Omnidirectional, G24d base |
| Warranty                     | 5 years                                                                                                     |

### Electrical data

|                             |                   |
|-----------------------------|-------------------|
| Nominal Wattage             | 7.00 W            |
| Nominal voltage             | 120.00...277.00 V |
| Claimed Equivalent Lamp Pwr | 42 W              |

### Photometrical data

|                             |        |
|-----------------------------|--------|
| Lumens                      | 880 lm |
| Efficacy                    | 126    |
| Color Temperature/CCT       | 3500 K |
| Color Rendering Index (CRI) | 80     |
| Light color                 | 835    |

### Dimensions & Weight

|                |           |
|----------------|-----------|
| Overall length | 145.00 mm |
| Diameter       | 1.36 in   |
| Product weight | 0.17 lb   |

### Materials & Colors

|                 |          |
|-----------------|----------|
| Lamp Finish     | Frosted  |
| Bulb shape      | T4X3     |
| Bulb Glass Type | PLASTICS |

### Application & Mounting

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

### Temperatures & operating conditions

|                           |              |
|---------------------------|--------------|
| Ambient temperature range | -20...+40 °C |
|---------------------------|--------------|

## Lifespan

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

## Capabilities

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

## Certificates & Standards

|                       |                  |
|-----------------------|------------------|
| Certification Listing | RoHS / FTC / FCC |
|-----------------------|------------------|

## Logistical data

|                   |               |
|-------------------|---------------|
| SKU Qty           | 1             |
| Case Qty          | 24            |
| Case Length (in)  | 9.331         |
| Case Width (in)   | 6.417         |
| Case Depth (in)   | 6.772         |
| Case Cube (ft)    | 0.235         |
| Case Weight (lbs) | 6.064         |
| SKU UPC           | 0046135417214 |
| Pallet Qty        | 5,040         |

## 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 LED Pin Base 5.5W |

| Spec Sheets and Product Documents                                                |                           | Document name                                                   |
|----------------------------------------------------------------------------------|---------------------------|-----------------------------------------------------------------|
|  | Product Family Spec Sheet | DULUX® LED Pin Base Lamps                                       |
|  | Product Family Spec Sheet | DULUX® LED Pin Base Lamps                                       |
| Photometric and lighting design files                                            |                           | Document name                                                   |
|  | IES file (IES)            | DUALescent™ DULUX LED Pin Base 7W 3500K 80 CRI 880 Lum IES FILE |

DISCLAIMER

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