

# PRODUCT DATASHEET

## LED PBG24Q DIM SUB 15W H 835

SYLVANIA DULUX® SubstiTUBE® High Output LED Pin Base Lamps (UL TYPE A) | High output SubstiTUBE pin base lamps run on ballasts for fast 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
- Available in 15W
- Static color temperature
- CRI  $\geq 80$

- Frosted plastic finish
- Energy savings up to 68 %
- High output lamps with either 110° or 120° beam angle and light emitting angle of 260°
- Compatible with electronic (4-pin) ballast
- Lifetime (L70): up to 50,000 h
- 0-10V dimmable with select compatible 0-10V dimming ballasts
- 5-year limited lamp warranty (24/7 operation)
- Power factor: > 0.9

## TECHNICAL DATA

### Additional product data

|                              |                                                                                                                                |
|------------------------------|--------------------------------------------------------------------------------------------------------------------------------|
| Base type                    | G24q-1                                                                                                                         |
| Mercury content              | 0.0 mg                                                                                                                         |
| Ordering Abbreviation        | LED15PBG24QHDIM835SUB                                                                                                          |
| Abbrev. With Packaging Info. | LED15PBG24QHDIM835SUB 24/CS 1/SKU                                                                                              |
| SKU UPC                      | 0046135417078                                                                                                                  |
| NAED                         | 41707                                                                                                                          |
| Family Brand Name            | SubstiTUBE® DULUX®                                                                                                             |
| General Description          | SubstiTUBE® DULUX® LED Pin Base, 15W, 3500K, 80 CRI, 1900 Lumens, 50,000 Hrs Life, Horizontal Orientation, G24q base, Dimmable |
| Warranty                     | 5 years                                                                                                                        |

### Electrical data

|                             |                   |
|-----------------------------|-------------------|
| Nominal Wattage             | 15.00 W           |
| Nominal voltage             | 120.00...277.00 V |
| Claimed Equivalent Lamp Pwr | 42 W              |

### Photometrical data

|                             |         |
|-----------------------------|---------|
| Lumens                      | 1900 lm |
| Efficacy                    | 127     |
| Color Temperature/CCT       | 3500 K  |
| Color Rendering Index (CRI) | 80      |
| Light color                 | 835     |

### Dimensions & Weight

|                |           |
|----------------|-----------|
| Overall length | 169.01 mm |
| Diameter       | 1.77 in   |
| Product weight | 0.81 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)  | 11.693        |
| Case Width (in)   | 7.992         |
| Case Depth (in)   | 7.756         |
| Case Cube (ft)    | 0.419         |
| Case Weight (lbs) | 22.097        |
| SKU UPC           | 0046135417078 |
| Pallet Qty        | 2,880         |

### Optional accessories

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

### Safety advice

- Check ballast compatibility guide for approved ballasts for SubstiTUBE Type A operation.
- High Output lamps are not suitable for use 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)
- Refer to the installation manual included inside the packaging.
- THD < 20 %
- Check Pin Based Socket Guide

### DOWNLOAD DATA

| Spec Sheets and Product Documents                                                |                           | Document name                                                                 |
|----------------------------------------------------------------------------------|---------------------------|-------------------------------------------------------------------------------|
|  | Installation Guide        | Install Guide SubstiTUBE DULUX LED Pin Base 15W                               |
|  | 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)            | LED DULUX Pin Base Ballast Compatible SubstiTUBE UL Type A 15W 3500K IES FILE |

DISCLAIMER

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