

PRODUCT DATASHEET

LED PBG24Q DIM SUB 7W O 835

SYLVANIA DULUX® SubstiTUBE® Omnidirectional LED Pin Base Lamps (UL TYPE A) | Omnidirectional SubstiTUBE pin base lamps run on ballasts for fast CFL retrofits



Areas of application

- Downlights
- Sconces
- Task Lighting
- Recessed ceiling fixtures

Product features

- LED replacement for conventional compact fluorescent lamps for use with existing ballast
- Static color temperature
- CRI ≥ 80
- Frosted plastic finish
- Energy savings up to 68 %
- Omnidirectional lamps with 360° beam angle and light emitting angle of 360°
- 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	LED7PBG24QODIM835SUB
Abbrev. With Packaging Info.	LED7PBG24QODIM835SUB 24/CS 1/SKU
SKU UPC	0046135417139
NAED	41713
Family Brand Name	SubstiTUBE® DULUX®
General Description	SubstiTUBE® DULUX® LED Pin Base 7W, 3500K, 830 Lumens, 80 CRI, 120-277V, 50,000 Hrs Life, Omnidirectional, G24q Base, Dimmable
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	830 lm
Efficacy	119
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	Yes
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Temperatures & operating conditions

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

Average Rated Life (hr)	50000
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Capabilities

Dimming	Yes
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Certificates & Standards

Certification Listing	RoHS / FTC / FCC
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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	0046135417139
Pallet Qty	5,040

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.
- Omnidirectional 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)
- 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
	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 7W 3500K IES FILE

DISCLAIMER

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