

# PRODUCT DATASHEET

## LED PBG24Q DIM SUB 7W O 830

SYLVANIA DULUX® SubstiTUBE® Omnidirectional LED Pin Base Lamps (UL TYPE A) | Omnidirectional 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
- Static color temperature
- CRI  $\geq 80$
- 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

### Electrical data

Nominal wattage	7 W
Construction wattage	7.00 W
Nominal voltage	120 V
Claimed equiv. conventional lamp power	42 W

### Photometrical data

Luminous flux	830 lm
Luminous efficacy	118 lm/W
Color temperature	3000 K
Color rendering index Ra	80
Light color	830

### Dimensions & Weight

Overall length	145.00 mm
Diameter	34.50 mm
Product weight	77.00 g

### Additional product data

Base (standard designation)	G24q-1
Mercury content	0.0 mg
NAED	41712

### Capabilities

Dimmable	Yes
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### Country-specific categorizations

Order reference	7W/830 120V G24
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### Energy labelling regulation data acc EU 2019/2015

Light source cap-type (or other electric interface)	G24q-1
Correlated colour temperature type	SINGLE_VALUE
Length	145.00 mm
Height	34.50 mm
Width	34.50 mm




### Accessories Optional

Product image	Product name	EAN
	EMBB 2A 21W UNV DIM DC	0046135757402

### 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 information bulletin	DULUX® LED Pin Base Lamps
	Product information bulletin	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 3000K IES FILE

### LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
0046135417122	Folding box 1	37 mm x 37 mm x 148 mm	104.00 g	0.20 dm <sup>3</sup>
4058118252312	Shipping box 24	237 mm x 163 mm x 172 mm	2751.00 g	6.64 dm <sup>3</sup>

The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products. When placing an order, for the quantity please enter single or multiples of a shipping unit.

### DISCLAIMER

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