

PRODUCT DATASHEET

LED PB AB 7W G24d O 827

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



Areas of application

- Downlights
- Sconces
- Task Lighting
- Recessed ceiling fixtures

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 ≥ 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	LED7PBG24DO827AB
Abbrev. With Packaging Info.	LED7PBG24DO827AB 24/CS 1/SKU
SKU UPC	0046135417191
NAED	41719
Family Brand Name	DUALescent™ DULUX®
General Description	DUALescent™ DULUX® LED Pin Base, 7W, 2700K, 80 CRI, 830 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	830 lm
Efficacy	119
Color Temperature/CCT	2700 K
Color Rendering Index (CRI)	80
Light color	827

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
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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	No
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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	0046135417191
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 2700K 80 CRI 830 Lum IES FILE

DISCLAIMER

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