

# SubstiTUBE® DULUX® LED Pin Base Lamps



## Key Features & Benefits

- Ballast compatible LED replacement lamps for traditional pin-base compact fluorescent lamps minimize labor cost by utilizing existing fluorescent ballasts.
- G24q/GX24q base lamps have four pins and operate on existing electronic ballasts directly replacing DULUX D/E traditional lamps.\*
- GX23 base lamps have two pins, operate on magnetic ballasts and are for horizontal applications.
- High LPW of up to 122 provides a low wattage, energy saving replacement for traditional lamps.
- Horizontal and Vertical configurations available with G24q/GX24q to optimize different fixture optics.
- Horizontal lamps have rotating bases for ease of directing light.
- Over current protection provides consistent lumen output regardless of compatible ballast operation.
- Over temperature protection ensures that lamps will not overheat.
- Available in 2700K-4100K providing choices to harmonize colors with other technologies in the same application space.
- Long life of 50,000 hours, lasting up to three times as long as the lamps they replace, minimizes maintenance costs over the life of the lamp.
- 5-year warranty for worry-free installations.

\*See chart below for replacement guide.

## Product Offering

Ordering Abbreviation	Wattage	CCT	Typical Lumens
LED6PBGX23H	6	2700K, 3500K, 4100K	625
LED9PBGX23H	9	2700K, 3500K, 4100K	950, 1100
LED9PBGX24QHG2	9	2700K, 3000K, 3500K, 4100K	900, 950, 1000
LED9PBGX24QVG2	9	2700K, 3000K, 3500K, 4100K	900, 950, 1000

## Application Information

### Applications

- Commercial
- Healthcare facilities
- Hospitality
- Office
- Property management
- Residential
- Retail

### Application Notes

- Operating Temperature range between -20°C and 45°C.
- Not for use in totally enclosed fixtures.
- Suitable for damp locations.
- Not for use with emergency light fixtures or exit lights.
- Not suitable for use in dimming applications.
- Check LED retrofit compatibility list and ballast compatibility list ([www.sylvania.com](http://www.sylvania.com)) before installation.
- Selected LED Retrofit models may produce less light output than corresponding original traditional CFL lamps.
- DULUX LED GX24Q lamp works in a G24Q base and any base of the series. Verify MOL for compatibility.
- DULUX LED GX23 is not a replacement for 7W & 5W traditional CFL lamps.
- DULUX GX23 base is not compatible with traditional G23 base.
- This DULUX LED family is not compatible with G24d-1 2-pin 13W, G24d-2 4-pin 18W and G24d-3 4-pin 26W.

## Specifications and Certifications



Specification Data

Catalog #	Type
Project	
Comments	
Prepared by	

Specifications

EMI/RFI: FCC Title 47 CFR, Part 18, Non-Consumer (GX24q)  
and Part 15, Class B (GX23)

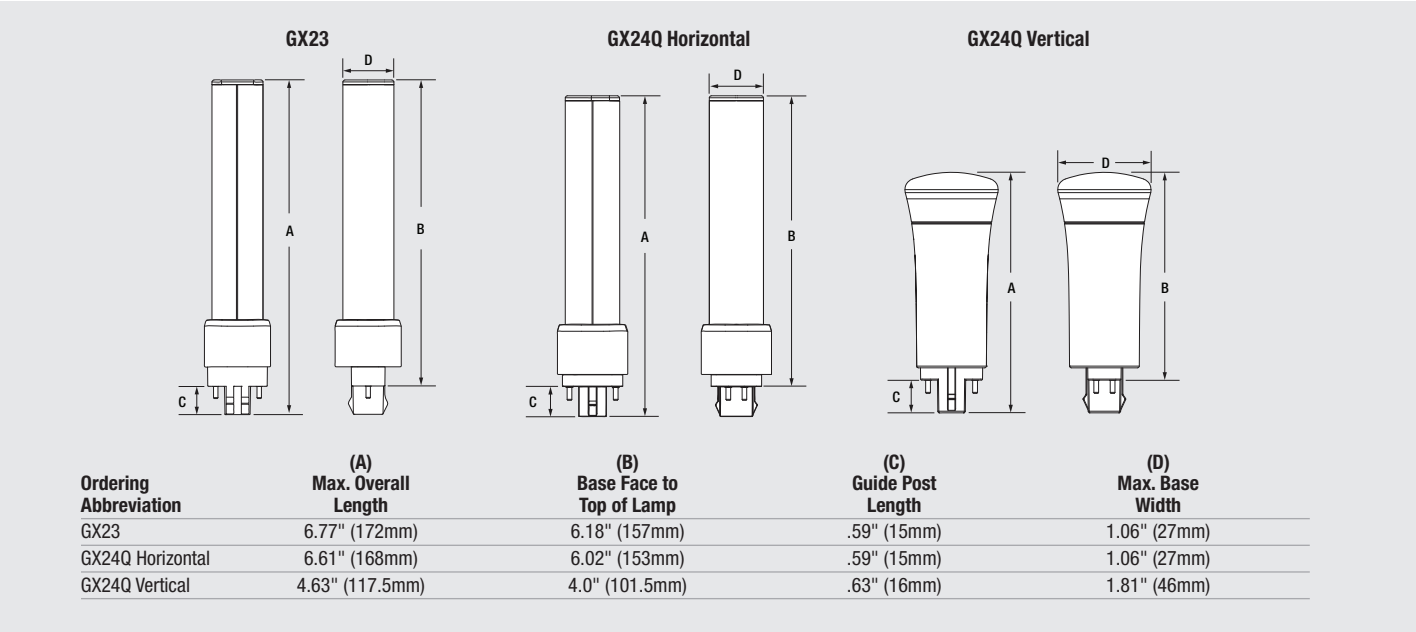
Ordering Information

Item Number	Ordering Abbreviation	Configuration	Wattage	Lumens (lm)	CCT	CRI	DIM	DLC (Y/N)
40448	LED6PBGX23H827	Horizontal	6W	625	2700K	80	No	N/A
40449	LED6PBGX23H835	Horizontal	6W	625	3500K	80	No	N/A
40450	LED6PBGX23H841	Horizontal	6W	625	4100K	80	No	N/A
40019	LED9PBGX24QH827G2	Horizontal	9W	900	2700K	80	No	Y
40020	LED9PBGX24QH830G2	Horizontal	9W	950	3000K	80	No	Y
75036	LED9PBGX24QH835G2	Horizontal	9W	950	3500K	80	No	Y
75037	LED9PBGX24QH841G2	Horizontal	9W	1000	4100K	80	No	Y
40017	LED9PBGX24QV827G2	Vertical	9W	900	2700K	80	No	Y
40018	LED9PBGX24QV830G2	Vertical	9W	950	3000K	80	No	Y
75038	LED9PBGX24QV835G2	Vertical	9W	950	3500K	80	No	Y
75039	LED9PBGX24QV841G2	Vertical	9W	1000	4100K	80	No	Y

Ordering Guide

LED	9	/	PB	/	GX23	/	H	/	8	35	G2
LED Lamp	Wattage		Pin Base		Base Type		Orientation		CRI= 80+	Color Temperature	Generation

Lamp Dimensions



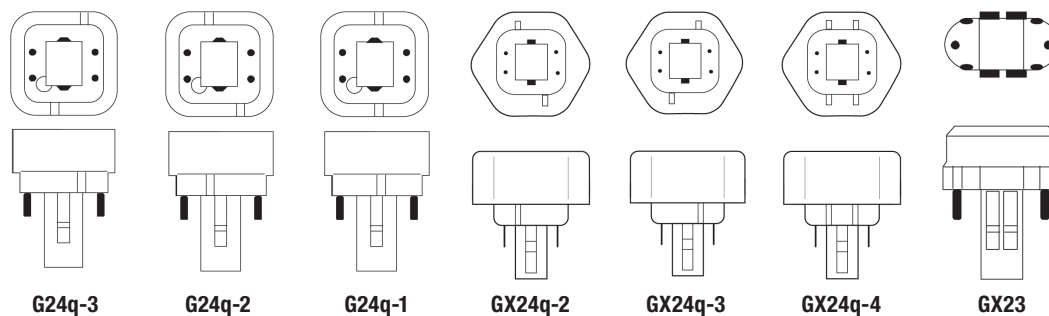
## Replacement Chart

			Traditional DULUX®				SubstiTUBE® DULUX LEDr Lamps						
Traditional Family	Watts	Traditional Description	Watts	Mean Lamp Lumens	Base	MOL Length	LEDr Base	MOL LEDr H	MOL LEDr V	Lumens	Comments About LEDr Replacement		
DULUX D/E Electronic	26	CF26DD/E/8XX/ECO	26	1470	G24q-3	6.5	G24q / GX24q	6.61	4.63	900-1000	Direct Replacement		
	18	CF18DD/E/8XX/ECO	18	989	G24q-2	5.8		6.61		900-1000	Check length and brightness		
	13	CF13DD/E/8XX/ECO	13	774	G24q-1	5.2							
DULUX T/E Electronic	42	CF42DT/E/IN/8XX/ECO	42	2752	GX24q-4	6.5		6.61	6.61	4.63	900-1000	Lower Lumens	
	32	CF32DT/E/IN/8XX/ECO	32	2064	GX24q-3	5.6							
	26	CF26DT/E/IN/8XX/ECO	26	1548	GX24q-3	5							
	18	CF18DT/E/IN/8XX/ECO	18	1032	GX24q-2	4.4							
	13	CF13DT/E/ECO	13	774	GX24q-1	4.2							Check brightness
DULUX S Magnetic	13	CF13DS/ECO	13	688	GX23	7.1	GX23	6.61	N/A	625	Direct Replacement		

Note: Before replacing lamps with LED replacement lamps, check the lumens and overall length of the lamp to ensure a proper retrofit.

Key:
Direct Replacement
Likely fit, check fixture dimensions
Base fits, length or lumens may be prohibitive

## Base Types



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