

High Efficiency CFL LED

Replacement Lamps

Vertical

Horizontal

FEATURES

- Vertical & Horizontal Options
 - Directional Light
 - Rotatable Base
- 3500K & 4000K
- High Efficiency Operation
- Compatible with most CFL Electronic ballasts for
 - 4-Pin Lamps
- No warm-up time, instant on
- Long Life: 50,000 hours (L70)
- No fixture wiring required
- Reduces energy by 50% or more
- Full light down to -4°F
- RoHS Compliant – Mercury Free
- No UV emissions

- 5 Year limited lamp warranty
- Ideal for frequent on/off Switching
- UL Listed

ORDERING GUIDE

EXAMPLE: CFLDRH9/835B12C

Ordering Information						
Model Number	Ordering Code	Orientation	CCT	Lumens	DLC®	UPC Code
CFLDRH9/835B	CFLDRH9/835B24C	Horizontal	3500K	1050	Y	768386713197
CFLDRH9/840B	CFLDRH9/840B24C	Horizontal	4000K	1100	Y	768386713203
CFLDRV9/835B	CFLDRV9/835B24C	Vertical	3500K	1050	Y	768386713210
CFLDRV9/840B	CFLDRV9/840B24C	Vertical	4000K	1100	Y	768386713227

- Lumens are nominal lumens with a .98 ballast factor ballast

ADDITIONAL SPECIFICATIONS

Lamp Type:	Compact
Base:	G24q
Color Rendering Index (CRI):	82
Rated Life:	L70 @ 50,000 Hours

Ambient Temperature:	-4°F to 113°F
EMI/RFI:	FCC Part 18 - Non-Consumer
Warranty (Ballast Factor 1.0 and lower):	5 years

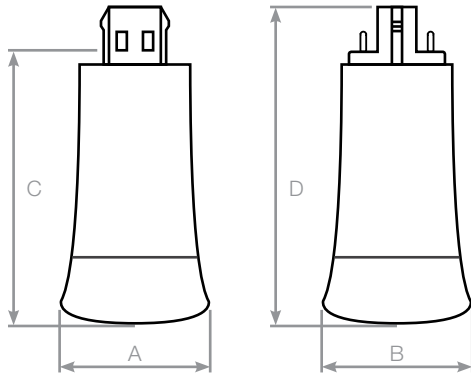
PERFORMANCE DATA

Average System Performance		Bare Lamp Data		System Data	
Description	Model Number	Power (Watts)	Efficacy (lm/W)	Power (Watts)	Efficacy (lm/W)
Compact LED 1050LM Horizontal 3500K	CFLDRH9/835B	9	117	12	88
Compact LED 1100LM Horizontal 4000K	CFLDRH9/840B	9	122	12	92
Compact LED 1050LM Vertical 3500K	CFLDRV9/835B	9	117	12	88
Compact LED 1100LM Vertical 4000K	CFLDRV9/840B	9	122	12	92

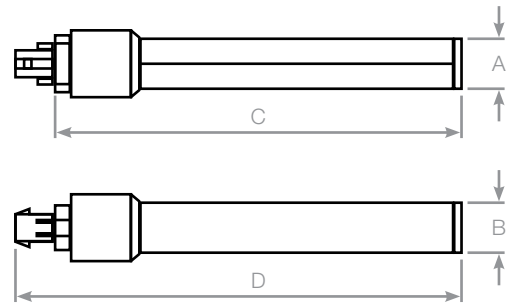
- Performance will vary based on actual ballast used
- Bare Lamp data is based on use with a .98 ballast factor ballast



APPLICATION NOTES



Vertical		
Dimension	Min	Max
A	45	47
B	45	47
C	100	103
D	116	119
Base	G24q	



Horizontal		
Dimension	Min	Max
A	26	28
B	26	28
C	152	154
D	167	169
Base	G24q	

OPERATING NOTES:

- Lamp used as a direct replacement for 13W, 18W, 26W and 32W compact fluorescent lamps with electronic ballasts only.
- Consult www.universaldouglas.com for compatible ballast list. Compatibility subject to change as additional ballast are tested. Contact your Universal Douglas representative if you do not see your ballast on the compatibility list.
- Suitable for use in dry and damp environments
- Not for use with Magnetic ballasts

COMPATIBLE UNIVERSAL LIGHTING BALLASTS:

Ballast	Replaces
C213UNVxx	(1) or (2) 13W Lamps
C218UNVxx	(1) or (2) 18W Lamps
C2642UNVxx	(1) or (2) 26W or (1) 32W or 42W Lamps
C242UNVxx	(1) or (2) 26W, 32W or 42W Lamps

xx = ME, BE, or SE

Consult www.universaldouglas.com for complete list of compatible ballasts.