



8" Direct Ceiling Mount Cylinder CF8C26QEB

One 26W CFL
Quad Tube 4-Pin Lamp
120V, 208V, 240V, 277V, or 347V

DATE: _____ TYPE: _____

FIRM NAME: _____

PROJECT: _____

LiteForms®

For conversion to millimeters,
multiply inches by 25.4
Not to Scale

Featuring  VirtualSource  VS Reflectors

APPLICATIONS:

The CF8C is an 8" ceiling mounted cylinder with superior brightness and glare control. The CF8C is ideal for a wide variety of commercial, retail, hospitality and institutional applications where the added energy savings of compact fluorescent sources is required.

HOUSING:

.064" extruded aluminum cylinder featuring durable powder coat painted finish. Specify: brushed aluminum, matte black, bronze, matte white or Prescolite's exclusive Zet, metallic silver.

REFLECTOR:

Specify either clear Alzak, champagne gold, or black baffle reflector. Virtual Source® optical system provides excellent glare and brightness control for visual comfort.

BALLAST:

One (1) 26W compact fluorescent Class 'P' multi-volt, multi-watt electronic ballast. High power factor standard.

LAMP:

One (1) 26W (G24q-3 base) 4-pin quad tube compact fluorescent lamp. Lamp furnished by others.

SOCKET:

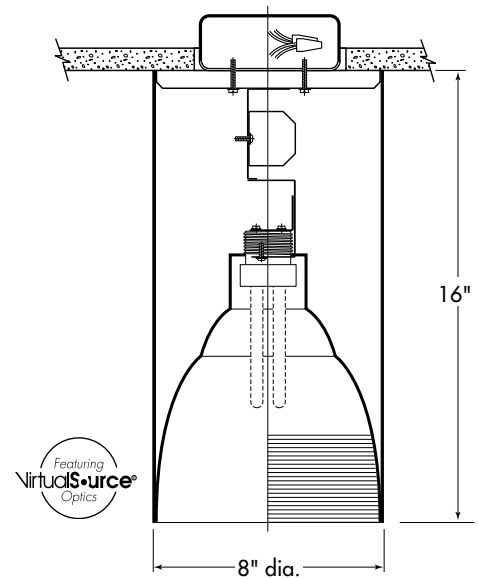
One (1) injection molded socket. Reflector/socket mounting bracket factory set for specified wattage.

INSTALLATION:

Easy installation onto standard J-box.

LABELS:

UL listed or UL/CSA listed with CDN option for damp locations



CATALOG NUMBER:

EXAMPLE: CF8C26QEEDMBRBZ

CYLINDERS	CYLINDER OPTIONS	REFLECTOR FINISHES	CYLINDER FINISHES	Special Reflector Finishes: Refer to specification sheet #LFO-CFL-026 for reflector capabilities
☐ CF8C26QEB 8" Direct ceiling mount cylinder, 26W CFL quad tube, electronic ballast	☐ CDN Canadian electrical code compliant ballast disconnect ☐ CDN 347V² Canadian electrical code compliant ballast disconnect ☐ DM Electronic dimming ballast (contact factory for wall control system compatibility) ☐ MB Magnetic ballast (replace "EB") ☐ SYL¹ Osram Sylvania Ballast (available only for standard EB option) ☐ ECDM Lutron EcoSystem or 3-wire line voltage dimming ballast (120-277V). Dims to 5%. ☐ SMT Philips Advance SmartMate® ballast	☐ BB Black Baffle ☐ CR  vs Clear Alzak ☐ CG  vs Champagne gold	☐ BA Brushed aluminum-standard with black accents (pendant assembly, wall bracket, and cap) ☐ BL Matte black ☐ BZ Bronze ☐ WH Matte white ☐ Z "Zet" metallic silver	

¹Available for Osram Sylvania Quick 60+® Limited Warranty when used with Osram lamp(s). See www.prescolite.com for details.
²Dimming not available for 347V.

PHOTOMETRIC DATA

LiteForms™ - 8" Direct Ceiling Mount Cylinder CF8C26QEB

BALLAST DATA

	120V	26W 277V	347V
Total System Watts	20W	29W	31W
Input Current (Amps)	0.17	0.11	0.09
Input Frequency	50/60Hz	50/60Hz	50/60Hz
Power Factor	>97%	>97%	>97%
Ballast Factor	>98%	>98%	1
Total Harmonic Distortion	<10%	<10%	<10%
Minimum Starting Temp.	-18°C (0°F)	-18°C (0°F)	-18°C (0°F)

LAMP DATA

Rated Watts	26W Quad
Rated Lumens	1800
Efficacy (LPW)	69
Rated Life	10,000 hours
CRI	82
Minimum Starting Temp.	0° F

LUMINANCE DATA IN CANDELA/SQ. METER

Angle in Vertical	Average 0°
0°	44371
30°	18240
40°	10928
45°	6769
50°	2576

CF8C26QEBCR Clear Alzak Reflector

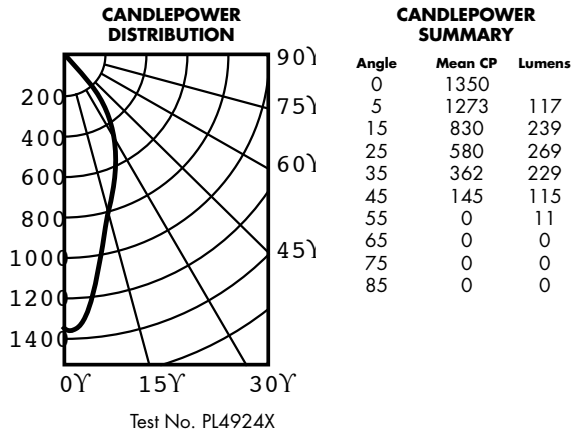
One 26W Quad
Spacing Criteria: .6
Efficiency: 54.5%

AVERAGE INITIAL FOOTCANDLES

Multiple Units (Square Array)
Ceiling 80% Wall 50% Floor 20%

26W Quad

SPACING	RCR1	RCR3	RCR7
7.0	22	18	14
8.0	16	14	10
9.0	13	11	8
10.0	10	9	7
11.0	8	7	6



COEFFICIENTS OF UTILIZATION Zonal Cavity Method

Room Cavity Ratio	% Effective Floor Cavity Reflectance																			
	80%				70%				50%				30%				10%			
	20% Effective Floor Cavity Reflectance																			
	% Wall Reflectance																			
	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10			
1	.62	.61	.60	.58	.61	.60	.59	.57	.57	.57	.56	.55	.55	.54	.54	.53	.52			
2	.60	.57	.55	.54	.58	.56	.54	.53	.54	.53	.52	.53	.52	.51	.52	.51	.50			
3	.57	.54	.51	.50	.56	.53	.51	.49	.52	.50	.48	.51	.49	.48	.49	.48	.47			
4	.55	.51	.48	.46	.54	.50	.48	.46	.49	.47	.45	.48	.46	.45	.47	.46	.44			
5	.52	.48	.45	.43	.51	.47	.45	.43	.46	.44	.42	.46	.44	.42	.45	.43	.42			
6	.50	.45	.42	.40	.49	.45	.42	.40	.44	.42	.40	.43	.41	.40	.43	.41	.39			
7	.47	.43	.40	.38	.47	.42	.40	.37	.42	.39	.37	.41	.39	.37	.40	.38	.37			
8	.45	.40	.37	.35	.44	.40	.37	.35	.39	.37	.35	.39	.36	.35	.38	.36	.35			
9	.43	.38	.35	.33	.42	.37	.35	.33	.37	.34	.32	.37	.34	.32	.36	.34	.32			
10	.41	.36	.33	.30	.40	.35	.33	.30	.35	.32	.30	.34	.32	.30	.34	.32	.30			

CF8C26QEBCR

Test No. PL4924X

NOTES

⊗vs Denotes a Virtual Source reflector.

Refer to www.prescolite.com for additional photometric tests (IES Files).



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