



Featuring  VirtualSource  Reflectors

9" Direct Ceiling Mount Cylinder

CFS932EB

Two 26W, 32W, or 42W CFL

Triple Tube Lamps

Non-IC Rated

120V, 208V, 240V, 277V, or 347V

DATE: _____ TYPE: _____

FIRM NAME: _____

PROJECT: _____

LiteForms®

For conversion to millimeters,
multiply inches by 25.4

Not to Scale

APPLICATIONS:

The CFS9 is a 9" high wattage surface mounted cylinder with superior brightness and glare control. The CFS9 is ideal for a wide variety of commercial, retail, hospitality and institutional applications where the added energy savings and lumen output of triple tube compact fluorescent sources is required.

HOUSING:

Heavy wall, rolled, and welded aluminum housing with powder coat finish. Drawn aluminum top with provisions for direct mounting to 3 1/2" or 4" octagonal box. Spun aluminum bottom. Specify: brushed aluminum, matte black, bronze, matte white or Prescolite's exclusive Zet, metallic silver.

REFLECTOR:

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

BALLAST:

One (1) compact fluorescent Class 'P' multi-volt, multi-watt electronic ballasts suitable for operating 26W, 32W, or 42W triple tube lamps. High power factor standard.

LAMP:

Two (2) 26W (GX24q-3 base), 32W (GX24q-3 base), or 42W (GX24q-4 base) 4-pin triple tube compact fluorescent lamps. Lamps furnished by others.

SOCKET:

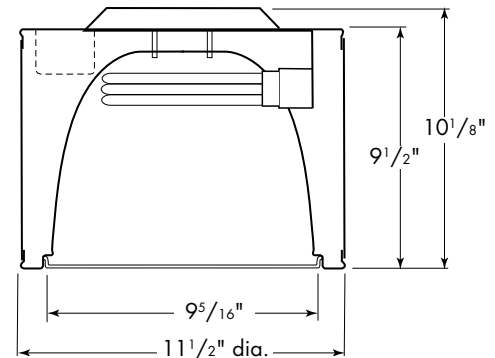
Two (2) injection molded universal wattage sockets.

INSTALLATION:

Easy installation onto standard J-box.

LABELS:

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



CATALOG NUMBER:

EXAMPLE: CFS932EBDMCRBZ-SL10

CYLINDER	CYLINDER OPTIONS	REFLECTOR FINISHES	CYLINDER FINISHES	ACCESSORIES	
☐ CFS932EB 9" Direct ceiling mount cylinder. Two 26W, 32W, or 42W CFL triple 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) ☐ ECDM Lutron EcoSystem or 3-wire line voltage dimming ballast (120-277V). Dims to 5%. ☐ SYL¹ Osram Sylvania Ballast (available only for standard EB option) ☐ SMT Philips Advance SmartMate® ballast	☐ BB Black baffle ☐ CR  Clear Alzak ☐ CG  Champagne gold	☐ BA Brushed aluminum ☐ BL Matte black ☐ BZ Bronze ☐ WH Matte white ☐ Z "Zet" metallic silver	☐ SL10 Spread lens (26W and 32W only)	Special Reflector Finishes: Refer to specification sheet #LFO-CFL-026 for reflector capabilities 1. Available for Osram Sylvania Quick 60+® Limited Warranty when used with Osram lamp(s). See www.prescolite.com for details. 2. Dimming option not available for 347V.

 **prescolite**
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In a continuing effort to offer the best product possible we reserve the right to change, without notice, specifications or materials that in our opinion will not alter the function of the product.
Web: www.prescolite.com • Tech Support: (888) 777-4832

LFO-CFL-012

PHOTOMETRIC DATA

LiteForms® - 9" Direct Ceiling Mount Cylinder - CFS932EB

BALLAST DATA

	26W			32W			42W		
	120V	277V	347V	120V	277V	347V	120V	277V	347V
Total System Watts	58W	56W	N/A	74W	72W	N/A	96W	94W	N/A
Input Current (Amps)	0.45	0.21		0.61	0.26		0.8	0.35	
Input Frequency	50/60Hz	50/60Hz	50/60Hz	50/60Hz	50/60Hz	50/60Hz	50/60Hz	50/60Hz	50/60Hz
Power Factor	>97%	>97%		>97%	>97%		>97%	>97%	
Ballast Factor	>98%	>98%		>98%	>98%		>98%	>98%	
Total Harmonic Distortion	<10%	<10%		<10%	<10%		<10%	<10%	
Minimum Starting Temp.	-18°C (0°F)	-18°C (0°F)	-18°C (0°F)	-18°C (0°F)	-18°C (0°F)	-18°C (0°F)	-18°C (0°F)	-18°C (0°F)	-18°C (0°F)

LAMP DATA

Rated Watts	26W Triple		32W Triple	42W Triple
Rated Lumens	1800		2400	3200
Efficacy (LPW)	69		75	76
Rated Life	10,000 hours		10,000 hours	10,000 hours
CRI	82		82	82
Minimum Starting Temp.	0° F		0° F	0° F

LUMINANCE DATA IN CANDELA/SQ. METER

Angle in Vertical	Average 0°	Average 45°	Average 90°
45°	3168	7524	13408
55°	0	0	0
65°	0	0	0
75°	0	0	0
85°	0	0	0

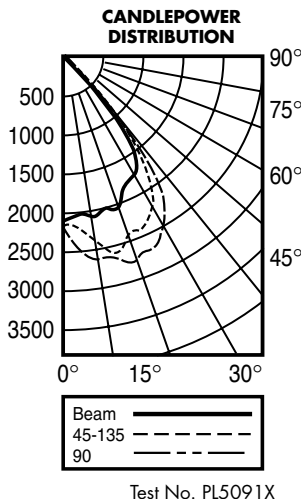
CFS932EBCR with Specular Clear Alzak Reflector

Two 32W Triple
Spacing Criteria:
0° = 1.2
90° = 1.5
Efficiency: 74.3%

AVERAGE INITIAL FOOTCANDLES

Multiple Units (Square Array)
Ceiling 80% Wall 50% Floor 20%
32W Triple

SPACING	RCR1	RCR3	RCR7
8.0	51	43	32
9.0	40	34	25
10.0	32	28	20
11.0	27	23	17
12.0	22	19	14



Test No. PL5091X

CANDLEPOWER SUMMARY

Angle	0°	45°	90°
0	2091	2091	2091
5	2019	2183	2429
15	2019	2571	2631
25	1823	2385	2658
35	1474	1850	2156
45	99	235	420
55	0	0	0
65	0	0	1
75	0	0	0
85	0	0	0

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	.85	.83	.81	.79	.83	.81	.80	.78	.78	.77	.76	.75	.74	.73	.73	.72	.71			
2	.81	.78	.75	.72	.79	.76	.74	.72	.74	.72	.70	.72	.70	.69	.70	.68	.67			
3	.77	.73	.69	.66	.76	.72	.68	.66	.70	.67	.65	.68	.66	.64	.66	.65	.63			
4	.73	.68	.64	.61	.72	.67	.64	.61	.66	.63	.60	.64	.62	.60	.63	.61	.59			
5	.70	.64	.60	.57	.68	.63	.59	.56	.62	.58	.56	.61	.58	.55	.59	.57	.55			
6	.66	.60	.56	.53	.65	.59	.55	.52	.58	.55	.52	.57	.54	.52	.56	.53	.51			
7	.63	.56	.52	.49	.62	.55	.51	.48	.54	.51	.48	.53	.50	.48	.53	.50	.47			
8	.59	.52	.48	.45	.58	.51	.47	.44	.51	.47	.44	.50	.47	.44	.49	.46	.44			
9	.56	.48	.44	.41	.55	.48	.44	.41	.47	.43	.41	.47	.43	.40	.46	.43	.40			
10	.52	.45	.41	.38	.52	.45	.41	.38	.44	.40	.37	.43	.40	.37	.43	.40	.37			

CFS932EBCR

Test No. PL5091X

NOTES

Ⓢ Denotes a Virtual Source reflector.

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



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