

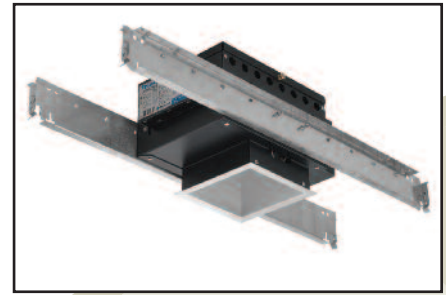
OM41H26PLTSQ

4" Square CFL Horizontal Downlights

CAT. NO:

TYPE:

PROJECT:



PRODUCT INFORMATION

Applications

Small square reflector downlight for use with long-life energy efficient compact fluorescent lamps. Provides uniform light distribution with excellent color rendition. Ideal for lower ceilings and areas requiring long hours of continuous operation such as lobbies, corridors, reception areas and offices.

Specifications

1. **Ballast** - One (1) Type 1 Class P, high power factor universal voltage electronic compact fluorescent ballast. Offers 1 lamp operation for 120 through 277 volt input voltage.

	13W 120V	13W 277V	18W 120V	18W 277V	26W 120V	26W 277V
Line current amps	.15	.07	.19	.08	.25	.11
Input watts including ballast loss	18	18	22	22	28	28
Ballast factor	1.00	1.00	1.00	1.00	.98+	.98+
Minimum starting temperature	0°F	0°F	0°F	0°F	0°F	0°F

2. **Housing** - Precision formed heavy duty 20 gauge steel with polyester powder coat matte black to suppress light leaks. Housing top may be removed for servicing unit from above. Upper optic is attached to housing lid for easy access to lamp. Housing throat is 1-1/2" in depth to accommodate extra thick ceilings. Junction box and all electrical components may be accessed below or above ceiling.

3. **Installation** - Housing has pre-installed Revelation C-channels for vertical and/or horizontal adjustment. Channels are pre-set at factory to center in grid ceiling without adjustments. Preset channels ensure proper alignment when row mounting multiple downlights. For wood construction specify Q1031 (ordered separately). Flat bar hanger should install perpendicular to pre-installed bar hangers.

4. **Optics** - Two-piece optical assembly provides even distribution, glare control, and superior visual comfort. Upper optic is die-formed, specular .032" low iridescent aluminum, specific to each lamp type for maximum efficiency. The lower trim is die-formed of .040 low iridescent aluminum and is self-flanged with a variety of finishes available. Black coating on back of trim provides superior protection against flash and/or light leaks around the flange. White flange is standard. Optional polished flange matching trim finish is available, add FF to catalog number.

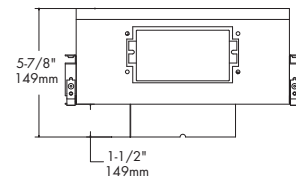
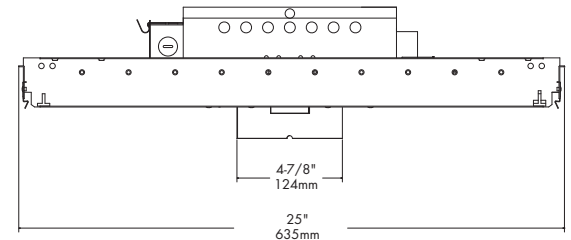
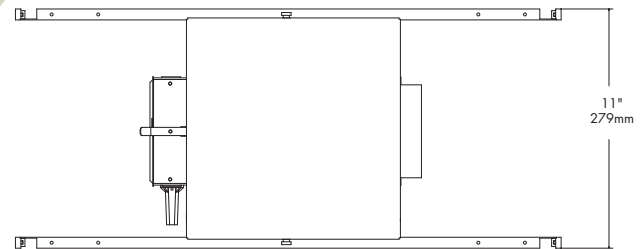
5. **Socket** - CFM26W/GX24q, CFM32W/GX24q, CFM18W/GX24q, CFQ13W/G24q, CFQ18W/G24q

6. **Junction box** - Large 20 gauge galvanized steel with snap-on covers. Approved for through wiring with up to 8 #12 AWG conductors.

7. **Optional emergency system** - (Top access required) Emergency system includes battery, electronic circuitry, charger and test/monitor plate with test switch and charging indicator light. Test/monitor plate may be installed in the ceiling near fixture or other remote location. Operates appropriate lamp wattage for a minimum of 90 minutes following power failure. Battery is recharged automatically following restoration of power. Emergency system complies with NFPA life safety code, OSHA and NEC. Suitable for dry locations. Requires top access for maintenance.

8. **U.L. Listed** - For use in damp locations only and approved for Through Branch Circuit Wiring. I.B.E.W. union made.

Canadian Specifications may vary from these shown, consult Canadian Division.



4

CATALOG SYSTEM AND OPTIONS

EXAMPLE OF COMPLETE CATALOG NUMBER: **OM41H26PLTSQCS-120/277**

OMEGA Apr.	Lamp Position	Lamp (by others)	Square Type	Reflector Finish	Optional Lens	Options	Supply Voltage
OM4	1H Horizontal	32 PLT - Triple Tube 26 PLT - Triple Tube 18 PLT - Triple Tube 13 QPL - Quad Tube 18 QPL - Quad Tube	SQ Square	CS Clear Specular CSS Clear Semi-Specular GS Gold Specular WT Wheat PW Pewter BK Black BZ Bronze WH White CB Corrugated Baffle FF Finish Flange (as suffix to color)	CL Clear Glass PL Prismatic (C73 Glass) SL Solite Glass	EM Remote Emergency ¹ FZ120 Fusing FZ277 Fusing FZ347 Fusing Q1031 Flat Bar Hangers DL1 Dimming, Lutron Compact SE, 120v ¹ DL2 Dimming, Lutron Compact SE, 277v ¹ DX1 Dimming, Advance Mark X, 120v ¹ DX2 Dimming, Advance Mark X, 277v ¹	120/277 347 *



FIVE YEAR
Warranty

1. Requires top access for servicing.

OMEGA LIGHTING: 776 South Green St., Tupelo, MS 38804 Phone 662.842.7212 FAX 662.841.5501

Omega Lighting is a Philips group brand

PHILIPS

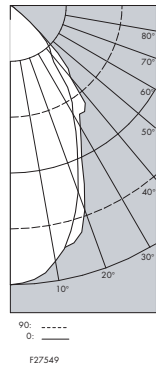
OM61H32PLTSQCS

Clear Specular Reflector

Report number: 27549
 Lamp: (1)CFT32W
 Fixture Efficiency: 33.6%
 S/MH Ratio (0 degree plane): 0.8
 (90 degree plane): 0.9
 Total Fixture Lumens: 806
 IES file: F27549.IES
 Beam Angle: 59.49

LIGHTING PERFORMANCE DATA		
CEILING HEIGHT* (FT.)	INITIAL FOOTCANDLES	BEAM DIAMETER (FT.-IN.)
8	25.9	6 - 3
10	13.9	8 - 7
12	8.7	10 - 10
14	5.9	13 - 2
16	4.3	15 - 5

DISTRIBUTION CURVE



DEGREES	CANDELA		FOOT-LAMBERTS
	AT 0°	AT 90°	
90	0	0	0
85	0	0	0
75	1	1	109
65	4	5	301
55	19	18	912
45	143	188	6618
35	280	363	
25	444	473	
15	655	689	
5	771	763	
0	783	783	

COEFFICIENTS OF UTILIZATION ZONAL CAVITY METHOD

Effective Floor Cavity Reflectance 0.20

RC	80		70		50	
	50	30	50	30	50	30
RW	40	40	40	40	39	39
1	38	36	35	34	36	35
2	35	34	33	30	34	34
3	34	32	29	28	33	30
4	32	28	27	26	30	28
5	29	27	25	23	29	27
6	28	25	23	22	28	25
7	27	23	20	20	26	23
8	25	22	20	17	25	22
9	23	20	19	17	23	20
10	23	19	17	16	23	19

4

*Readings at working plane, 2'6" above floor. Beam Angle and Diameter Cutoff at 50% of max. Candlepower Coefficients used at effective reflectances of: 70% Ceiling, 50% Walls, 20% Floor

To convert values for optional reflector colors, multiply by:
 Gold .90 Bronze .82 Pewter .87

Additional photometric test files are available @ omegalighting.com



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CANADIAN DIVISION:
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