

## APPLICATION

Shallow depth downlight for applications with minimal plenum depth. Reflector optical system is highly efficient and produces uniform distribution while minimizing brightness.

## PRODUCT DATA

**REFLECTOR:** One-piece reflector optics provide high efficiency, low brightness, and excellent cut-off to the lamp image. Reflectors are available in specular or matte finish, as well as a variety of standard and special finishes. Parabolic cross baffle is an available option. A one-half inch low profile, overlap flange is standard.

**HOUSING:** Designed for shallow plenums, the frame-in module is fabricated from heavy gauge die formed steel and features a corrosion resistant galvanized finish. Standard plaster flange allows for a 1/2" ceiling thickness.

**MOUNTING:** Housing is supplied standard with expandable bar hangers which adjust from 14 1/2" to 26". Provision is provided for all four sides of frame-in module to accept bar hangers. Optional mounting brackets (BB) adjust vertically 2.5" and accept a variety of hanger bars, C-Channel, EMT or rigid bars (see optional accessories).

**ELECTRICAL:** 120 to 277 volt input 50 to 60 Hz high power factor electronic ballasts are instant start, under 10% THD. Consult Technical Section for additional ballast operating data. \*Optional emergency ballast (-EM) operates one lamp for 90 minutes, faceplate with test switch and charger light. Integral push to test switch available. See options below.

**JUNCTION BOX:** Heavy gauge galvanized junction box pre-wired with grounding pigtail. Easy access covers. Multiple conduit knockouts listed for through branch circuit wiring.

**SOCKET:** Positive latch four pin thermoplastic. 26 watt model features a twist lock socket. 13 and 18 watt models feature a push in socket.

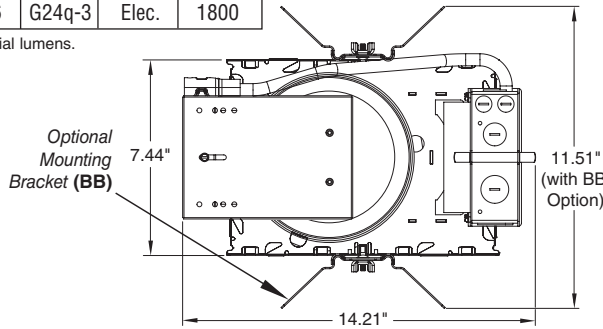
### LAMP DATA:

LAMP	WATTS	BASE	BALLAST	LUMENS
Quad Tube 4-Pin	13	G24q-1	Elec.	900
	18	G24q-2	Elec.	1250
	26	G24q-3	Elec.	1800

Standard lamping, initial lumens.



Listed For Wet Location  
Under Covered Ceiling



Manufactured and tested to UL#1598 and CSA standards. Note: Suitable for damp location and wet location under covered ceiling.

Catalog #:

**6LPSHF**

Example: 6LPSHF226QE4

Fixture Series	Lamp/Wattage	Ballast/Voltage*	Options
6LPSHF	<b>QTY</b> <b>TYPE</b>	E4 / Electronic 120/277 D1 / 120V Lutron Dimming* D2 / 277V Lutron Dimming* *Refer to separate page for dimming ballast specifications and availability of other styles.	See Below
	2    13Q Quad		
	2    18Q Quad		
	2    26Q Quad		

## Optional Accessories

Hanger Bars (set of 2)

- 101782 = #520 Caddy Bars
- 9152 = 52" C-Channel
- 9127 = 27" C-Channel
- 27BH = 27" Solid Bar
- 24CBH = 24" one-piece B-Line C-Channel hanger bar
- 26UBH = interlocking hanger bars expand to 26"

Fixture:	Type:
Project:	

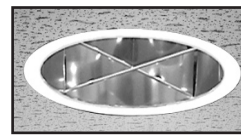
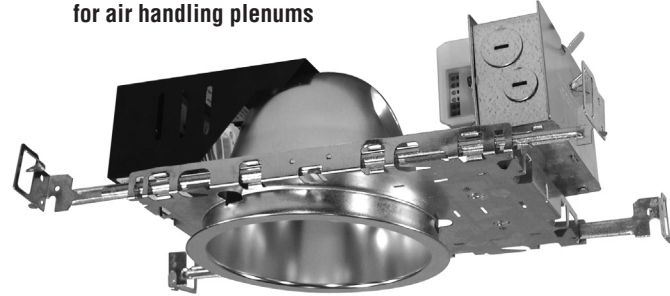
# LEGENDS Plus

Affordable PERFORMANCE

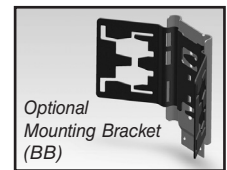
## SERIES 6LPSHF2 SHALLOW DEPTH

Open Downlight Two Lamp Compact Fluorescent

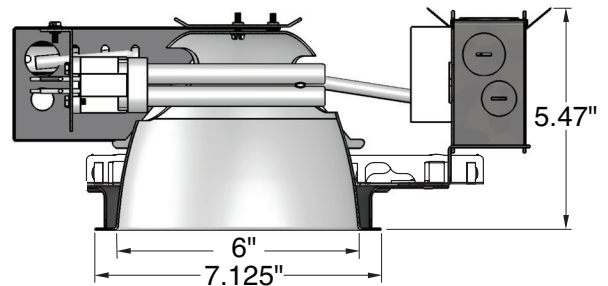
- Open reflectors are not suitable for air handling plenums



XB – Cross Blade Louver



Optional Mounting Bracket (BB)



Rough Opening 6.5"

**6SHF**

Example: 6SHF2SCLPF

Trim	Trim Finish w/polished flange
<b>6SHF2</b>	– Reflector
<b>6SHF2XB</b>	– Reflector with Cross Blade Louver
	<b>SCLPF</b> – Soft Specular Clear Alzak
For white painted flange, drop "PF" from Catalog #.	
For other finishes, consult reflector section.	

## Options

- EM = Emergency Battery Pack w/remotely located Test Switch
- EMITS = Emergency Battery Pack with Integral Test Switch installed in reflector
- F = Fused
- BB = Vertically Adjustable Mounting Bracket

All Pathway® products meet or exceed requirements as established by the National Electrical Code. Specifications subject to change without notice. Alzak® is a registered trademark of Alcoa.

**PATHWAY**  
the Lighting Source

Pathway Lighting Products, Inc., P.O. Box 591, Old Saybrook, CT 06475-0591  
voice 800.342.0592 • fax 800.207.0090 • www.pathwaylighting.com • e-mail: sales@pathwaylighting.com

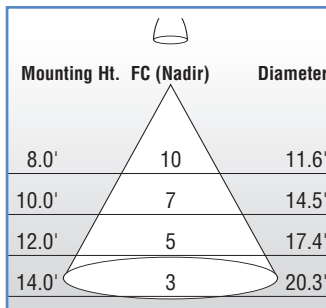
Series 6LPSHF2 SHALLOW DEPTH - Open Downlight Two Lamp Compact Fluorescent

LP8.0  
CUCNUL

**PHOTOMETRIC DOWNLIGHT DISTRIBUTION**

**Catalog No.** – 6LPSHF226QE4/6HF2SCLPF  
**Lamp(s)** – (2) 26 Watt DTT  
**Lumens** – 3600  
**Spacing Criteria** – 1.43  
**Efficiency** – 43.2%

**CONE OF LIGHT**

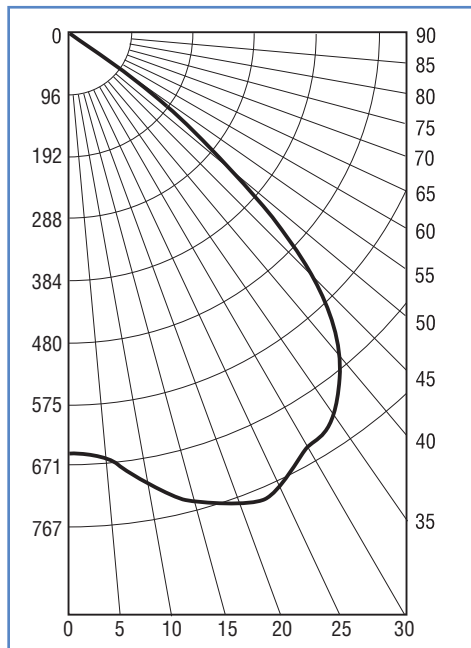


Initial Footcandles at a 30" Work Plane  
 Beam diameter calculated at 50% of  
 maximum fc at nadir.

**ZONAL LUMENS SUMMARY**

ZONE	LUMENS	% LAMP	% LUMINAIRE
0- 30	622	17.3	40.0
0- 40	1049	29.1	67.4
0- 60	1546	42.9	99.3
0- 90	1556	43.2	100.0
90-120	0	0.0	0.0
90-130	0	0.0	0.0
90-150	0	0.0	0.0
90-180	0	0.0	0.0
0-180	1556	43.2	100.0

**CANDELA DISTRIBUTION**



**COEFFICIENTS OF UTILIZATION**

PCC	.8				.7				.5			.3			.1			0
PW	.7	.5	.3	.1	.7	.5	.3	.1	.5	.3	.1	.5	.3	.1	.5	.3	.1	0
RCR																		
0	51	51	51	51	50	50	50	50	47	47	47	45	45	45	44	44	44	43
1	48	47	45	44	47	46	44	43	44	43	42	42	41	41	41	40	40	39
2	45	42	40	38	44	41	39	38	40	38	37	39	37	36	37	36	35	35
3	42	38	36	33	41	38	35	33	36	34	33	35	34	32	34	33	32	31
4	39	35	32	29	38	34	31	29	33	31	29	32	30	29	31	30	28	27
5	36	32	28	26	35	31	28	26	30	28	26	29	27	25	29	27	25	24
6	34	29	26	23	33	28	25	23	28	25	23	27	25	23	26	24	23	22
7	31	26	23	21	31	26	23	21	25	23	21	25	22	20	24	22	20	20
8	29	24	21	19	29	24	21	19	23	20	19	23	20	18	22	20	18	18
9	27	22	19	17	27	22	19	17	21	19	17	21	18	17	21	18	17	16
10	26	20	17	15	25	20	17	15	20	17	15	19	17	15	19	17	15	14

PFC = 0.20

**AVERAGE LUMINANCE**

Angle	CD/M <sup>2</sup>
45°	32998
55°	8732
65°	351
75°	150
85°	100

**CANDELA DISTRIBUTION**

VERTICAL ANGLE	0	90
0.00	654	654
5.00	616	692
10.00	678	777
15.00	648	833
20.00	646	848
25.00	647	816
30.00	628	783
35.00	617	733
40.00	546	669
45.00	426	532
50.00	261	334
55.00	91.3	165
60.00	15.3	38.8
65.00	2.71	3.76
70.00	2.32	1.39
75.00	0.710	0.700
80.00	0.370	0.250
85.00	0.160	0.000
90.00	0.000	0.000

Series 6LPSHF2 SHALLOW DEPTH - Open Downlight Two Lamp Compact Fluorescent