

## APPLICATION

Shallow depth downlight for applications with minimal plenum depth. Reflector optical systems are highly efficient and produce 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.

**DECORATIVE GLASS ELEMENTS:** Are optional accessories that suspend from reflector flange with satin stainless hardware. They are available in a variety of styles as published in our separate brochure.

**HOUSING:** Designed for shallow plenums, the housing is fabricated heavy gauge galvanized steel and provides a solid structure for the optical and electrical components as well as a platform for decorative attachments. Standard plaster flange allows one-inch ceiling thickness.

**MOUNTING:** Universal mounting brackets 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 programmed 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 and 32 watt models feature a twist lock lamp socket. 18 watt features a push in socket.

## LAMP DATA:

LAMP	WATTS	BASE	BALLAST	LUMENS
Triple Tube 4-Pin	26	GX24q-3	Elec.	1800
	32	GX24q-3	Elec.	2400
	42	GX24q-4	Elec.	3200
Quad Tube 4-Pin	18	G24q-2	Elec.	1250
	26	G24q-3	Elec.	1800

Standard lamping, initial lumens.



Listed For Wet Location *Manufactured and tested to UL#1598 and CSA standards.*  
Under Covered Ceiling *Note: Suitable for damp location and wet location under covered ceiling.*

Catalog #:

6SHF

Example: 6SHF126QE4

Fixture Series	Lamp/Wattage	Ballast/Voltage	Options														
6SHF	<table border="1"> <thead> <tr> <th>QTY.</th> <th>TYPE</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>26T (Triple Tube)</td> </tr> <tr> <td>1</td> <td>32T</td> </tr> <tr> <td>1</td> <td>42T</td> </tr> <tr> <td></td> <td>(Quad Tube)</td> </tr> <tr> <td>1 or 2</td> <td>18Q</td> </tr> <tr> <td>1 or 2</td> <td>26Q</td> </tr> </tbody> </table>	QTY.	TYPE	1	26T (Triple Tube)	1	32T	1	42T		(Quad Tube)	1 or 2	18Q	1 or 2	26Q	<b>E4</b> Electronic120/277 <b>D1</b> 120V Lutron Dimming* <b>D2</b> 277V Lutron Dimming* * Refer to separate page for dimming ballast specifications and availability of other styles.	See Below
QTY.	TYPE																
1	26T (Triple Tube)																
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	(Quad Tube)																
1 or 2	18Q																
1 or 2	26Q																

## Optional Accessories

Hanger Bars (set of 2)

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

\* Emergency battery packs are not accessible from below the ceiling.

Fixture:	Type:
Project:	

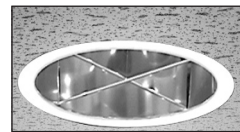
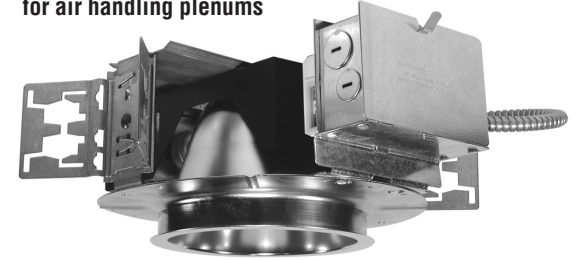
# Coventry

Architectural Series

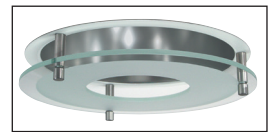
## SERIES 6SHF SHALLOW DEPTH

Open Downlight One Lamp Compact Fluorescent

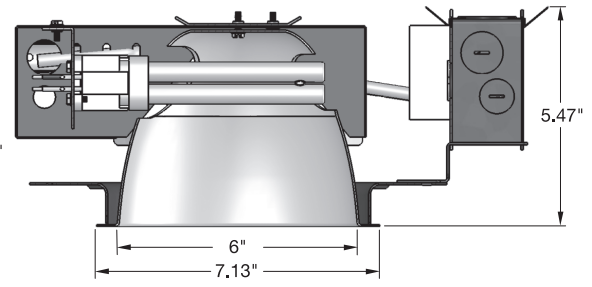
- Open reflectors are not suitable for air handling plenums



XB - Cross Blade Louver



ICE - Available with Decorative Elements



Rough Opening 6.75"

6SHF

Example: 6SHF1SCLPF

Trim	Trim Finish w/polished flange
6SHF1	- One Lamp Reflector
6SHF2	- Two Lamp Reflector
XB	- Reflector with Cross Blade Louver
	<b>SCLPF</b> - Soft Specular Clear Alzak
	<b>ICE6</b> - Decorative Element

*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

A wide variety of Decorative Element styles can be found in separate brochure.

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.

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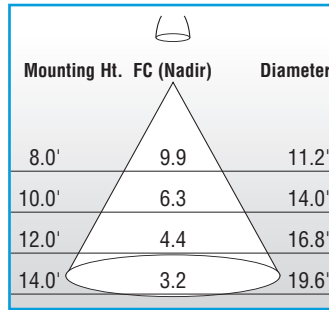
Series 6SHF SHALLOW DEPTH - Open Downlight One Lamp Compact Fluorescent

FL7.2  
CUCLUL

**PHOTOMETRIC DOWNLIGHT DISTRIBUTION**

Catalog No. – 6SHF132TE4/6SHF1SCLPF  
 Lamp(s) – (1) 32 Watt PLT  
 Lumens – 2400  
 Spacing Criteria – 1.34  
 Efficiency – 58.1%

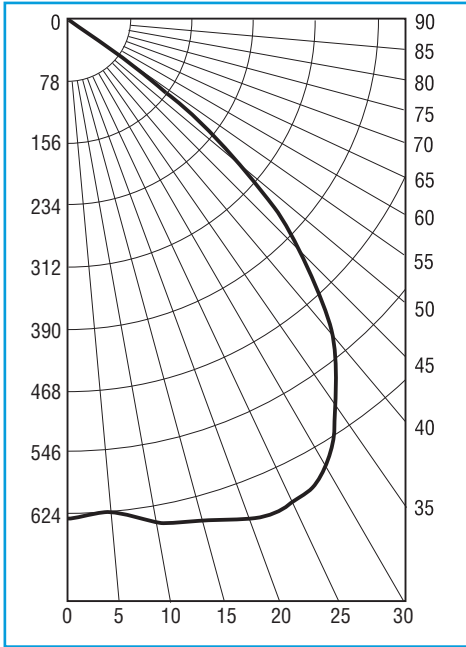
**CONE OF LIGHT**



**ZONAL LUMENS SUMMARY**

ZONE	LUMENS	% LAMP	% LUMINAIRE
0- 30	550	22.9	39.4
0- 40	919	38.3	65.9
0- 60	1382	57.6	99.1
0- 90	1395	58.1	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	1395	58.1	100.0

**CANDELA DISTRIBUTION**



**COEFFICIENTS OF UTILIZATION**

PCC PW	.8				.7				.5				.3				.1				0			
	.7	.5	.3	.1	.7	.5	.3	.1	.5	.3	.1	.5	.3	.1	.5	.3	.1	.5	.3	.1	0	0	0	0
RCR																								
0	69	69	69	69	67	67	67	67	64	64	64	61	61	61	59	59	59	58						
1	65	63	61	60	63	62	60	59	59	58	57	57	56	55	55	54	53	52						
2	60	57	54	52	59	56	53	51	54	52	50	52	50	49	51	49	48	47						
3	56	52	48	45	55	51	47	45	49	46	44	48	45	43	46	44	42	41						
4	52	47	43	40	51	46	42	39	45	41	39	43	41	38	42	40	38	37						
5	49	42	38	35	48	42	38	35	41	37	34	40	37	34	39	36	34	33						
6	45	39	34	31	44	38	34	31	37	33	31	36	33	31	35	33	30	29						
7	42	35	31	28	41	35	31	28	34	30	28	33	30	27	33	30	27	26						
8	39	32	28	25	38	32	28	25	31	28	25	31	27	25	30	27	25	24						
9	37	30	26	23	36	29	25	23	29	25	23	28	25	22	28	25	22	21						
10	34	28	23	21	34	27	23	21	27	23	20	26	23	20	26	23	20	19						

PFC = 0.20

**AVERAGE LUMINANCE**

Angle	CD/M <sup>2</sup>
45°	34625
55°	10625
65°	456
75°	152
85°	119

**CANDELA DISTRIBUTION**

VERTICAL ANGLE	0	90
0.00	632	632
5.00	610	628
10.00	627	648
15.00	642	653
20.00	604	660
25.00	578	689
30.00	580	692
35.00	546	623
40.00	489	545
45.00	410	474
50.00	273	331
55.00	111	164
60.00	15.4	58.5
65.00	3.52	3.67
70.00	1.62	1.79
75.00	0.720	1.06
80.00	0.110	0.310
85.00	0.190	0.180
90.00	0.000	0.000