

## APPLICATION

Ideal for low to medium height ceilings where a recessed wall wash is desired that delivers uniform illumination to vertical surfaces using compact fluorescent lamps.

## PRODUCT DATA

**REFLECTOR:** Reflector optics provide high performance in this series of wall washers. A primary reflector delivers efficiency to both the wall wash kicker reflector and the downlight component. The lower cone maintains a low brightness appearance, consistent with the other products in the 6" family. A one-half inch low profile overlap flange is standard.

**MOUNTING:** Universal mounting brackets adjust vertically 2.5" and accept a variety of hanger bars, C-Channel, EMT or rigid bars (see optional accessories).

**HOUSING:** The mounting frame is fabricated heavy gauge 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, custom depth available.

**ELECTRICAL:** 120 to 277 volt input 50 to 60 Hz high power factor electronic ballasts are programmed start, under 10% THD. Optional HPF Magnetic Ballasts are available (contact factory). 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. Contact factory for more information.

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

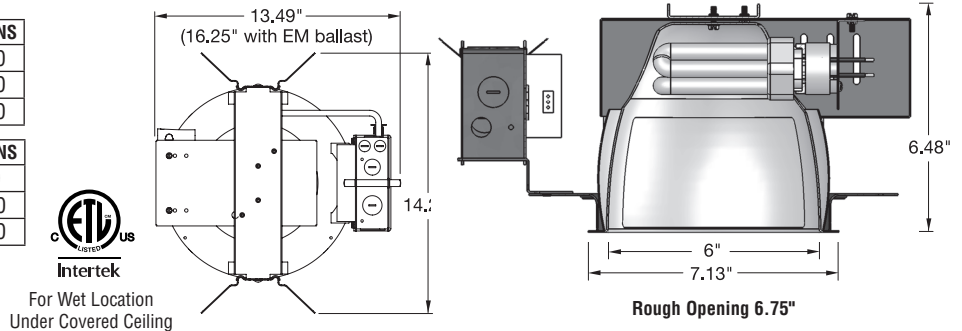
**SOCKET:** Positive latch four pin thermoplastic. 26, 32 and 42 watt models feature a twist lock socket. 13 and 18 watt models feature a push in socket. Triple tube models have field adjustable socket position to allow conversion to alternate wattage.

### 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

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

Initial lumens.



For Wet Location  
Under Covered Ceiling

Manufactured and tested to UL#1598 and CSA standards.

Note: Suitable for damp location. Fixtures are not designed for direct contact with insulation.

Catalog #:

6HF

Example: 6HF132TE4

Fixture Series	Lamp/Wattage	Ballast/Voltage*	Options																		
6HF	<table border="1"> <thead> <tr> <th>QTY</th> <th>TYPE</th> </tr> </thead> <tbody> <tr> <td>(Triple Tube)</td> <td></td> </tr> <tr> <td>1</td> <td>26T</td> </tr> <tr> <td>1</td> <td>32T</td> </tr> <tr> <td>1</td> <td>42T</td> </tr> <tr> <td>(Quad Tube)</td> <td></td> </tr> <tr> <td>1 or 2</td> <td>13Q</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	(Triple Tube)		1	26T	1	32T	1	42T	(Quad Tube)		1 or 2	13Q	1 or 2	18Q	1 or 2	26Q	<p>E4 / Electronic 120/277</p> <p>D1 / 120V Lutron Dimming*</p> <p>D2 / 277V Lutron Dimming*</p> <p>(13W dimming not available)</p> <p>*Refer to separate page for dimming ballast specifications and availability of other styles.</p>	See Below
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### 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

Fixture:	Type:
Project:	

*Coventry*  
Architectural Series

## SERIES 6HF Wall Wash

Horizontal Fluorescent Wall Wash

- Open reflectors are not suitable for air handling plenums



Series 6HF - Horizontal Fluorescent Wall Wash

6HF1WW

Example: 6HF1WW SCLPF

Trim	Trim Finish w/polished flange
6HF1	- One Lamp Reflector
6HF2	- Two Lamp Reflector
WW	- 120° Cutout Wall Wash
CW	- Corner Cutout Wall Wash
DW	- Double Cutout Wall Wash
	<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

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FL5.0  
CUCLUL

**SERIES 6HFWW – 6" Aperture, Fluorescent Cut Out Wall Wash**

**PHOTOMETRIC DOWNLIGHT DISTRIBUTION**

**Model Number:** 6HF132TE4 / 6HF1WWSCLPF  
**Lamp:** (1) 32W PLT  
**Luminaire Efficiency:** 54.7%  
**SMHR:** 1.16

**PERFORMANCE DATA**

Distance From Ceiling	2' O.C.; 2' Set Back		3' O.C.; 3' Set Back	
	Below Fixtures	Between Fixtures	Below Fixtures	Between Fixtures
1'	24	22	7.74	7.2
2'	41	42	14	13
3'	35	34	19	19
4'	23	21	18	17
5'	15	15	14	14
6'	11	11	11	11
7'	7.69	7.53	8.33	8.01
8'	6.16	6.04	6.92	6.7
9'	5.11	5.02	5.83	5.65
10'	4.88	4.78	5.45	5.29

Initial Vertical Footcandles on Wall

**CANDELA**

VERTICAL ANGLE	CD	
	0.00	557
5.00	548	601
10.00	562	633
15.00	547	669
20.00	538	672
25.00	485	653
30.00	432	635
35.00	417	611
40.00	422	549
45.00	381	464
50.00	282	316
55.00	197	124
60.00	136	24.5
65.00	99.0	7.25
70.00	67.4	4.91
75.00	41.0	4.33
80.00	20.4	3.24
85.00	6.10	1.92
90.00	0.330	0.100

**AVERAGE LUMINANCE**

Angle	CD/M <sup>2</sup>
45°	29508
55°	18817
65°	12844
75°	8689
85°	3837

**CANDELA DISTRIBUTION**

