

## DESCRIPTION

Low brightness 6" aperture reflector for use with (1 or 2) 18 or 26W Quad compact fluorescent lamps for below ceiling installation. The precisely formed non-imaging reflector ensures 45° cutoff to lamp and lamp image and the one piece design eliminates light leaks at the ceiling. Standard features include low iridescent finish on all reflector colors to eliminate "rainbowing". One electronic ballast operates 18 or 26W triple lamps. Venting ensures maximum lamp life and lumen output. Adjustable socket locks lamp into optimal position and cannot be disturbed by normal maintenance. Medium beam, wide beam, lens, and open wall wash reflectors are interchangeable within the same housing.

<b>Catalog #</b>		<b>Type</b>
<b>Project</b>		
<b>Comments</b>		<b>Date</b>
<b>Prepared by</b>		

## SPECIFICATION FEATURES

### Reflector

Injection molded Geometric Reflector for Uniform Vertical Illumination is vacuum metallized with polysiloxane hardcoat finish. One piece spun parabolic downlight reflector, .050" thick aluminum, available in a variety of Alzak® finishes.

### Trim Ring Options

Self flanged or molded white trim ring. Rimless or metal trim ring accessories available.

### Socket Connector

One piece die cast aluminum connection allows venting for maximum thermal performance.

### Housing Construction

Galvanized steel plaster ring accommodates up to 1" ceiling thickness.

### Conduit Fittings

Die cast screw tight connectors.

### Rotary Lock Socket

4-pin base with fatigue free stainless steel lamp spring ensures positive lamp retention.  
26W Lamp: 4-pin G24Q-3  
18W Lamp: 4-pin G24Q-2

### Electronic Ballast

Electronic ballast provides full light output and rated lamp life. Provides flicker free and noise free operation and starting. End of lamp life protection is standard.

### Labels

cULus listed, C.S.A. certified, standard damp label, IBEW union made.



## C6RH C6IH

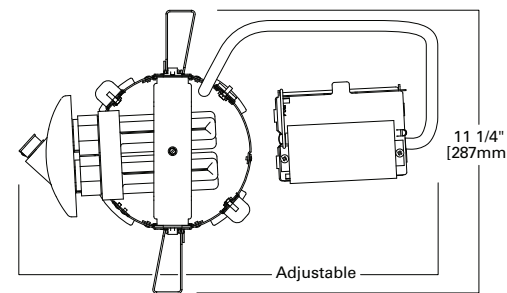
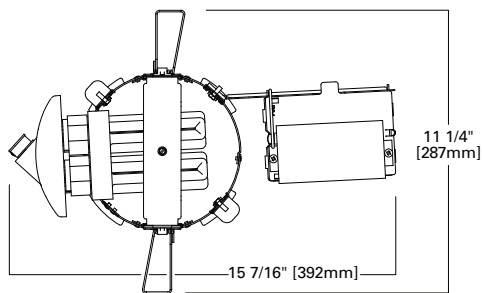
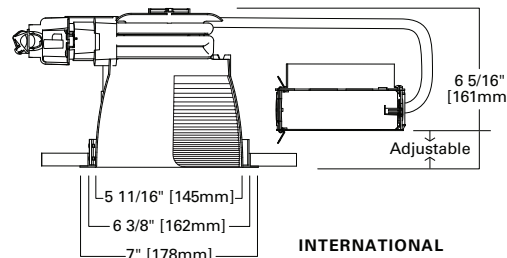
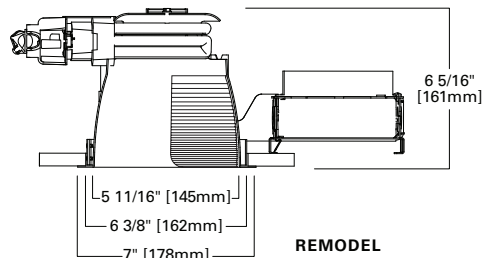
### 6210/6211

(1 or 2) 18W or 26W DTT  
Compact Fluorescent

6-Inch  
Remodel/International  
Horizontal Open Wall Wash

### Energy Data

Sound Rating: Class A standards	
<b>(2) 18W Quad 4-pin</b>	
Ballast: Electronic	
Min. Starting Temperature: -10°C (15°F)	
120V Input Watts: 37	Line Amps: 0.32
277V Input Watts: 37	Line Amps: 0.14
Power Factor: >0.99	THD: <10%
<b>(2) 26W Quad 4-pin</b>	
Ballast: Electronic	
Min. Starting Temperature: -10°C (15°F)	
120V Input Watts: 50	Line Amps: 0.45
277V Input Watts: 50	Line Amps: 0.20
Power Factor: >0.99	THD: <10%



Example:

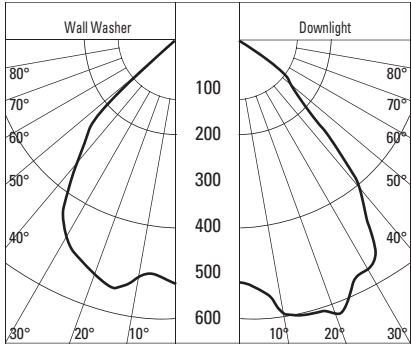
**C6RH218ECP 6211LI WF** = 6" CFL Horizontal Remodel Single Wall Wash, (2) 18 Watt 120/277 Volt, Chicago Plenum, Self Flanged with Specular Clear Finish

Housing	Wattage	Ballast	Options	Reflector	Finish	Option	Accessories
<b>C6RH</b> = 6" CFL Horizontal Remodel <b>C6IH</b> = 6" CFL Horizontal International	<b>218</b> = (2) 18W DTT <b>226</b> = (2) 26W DTT <b>118</b> = (1) 18W DTT <b>126</b> = (1) 26W DTT	<b>E</b> = 120/277V 50/60 Hz Electronic <b>3E</b> = 347V 50/60 Hz Electronic <b>D</b> = 120-277V Dimming, Lutron EcoSystem <b>2D</b> = 277V Dimming, Lutron EcoSystem	<b>CP</b> = Chicago Plenum <b>EM</b> = Emergency Module with Remote Test Switch	<b>6211</b> = Single Wall Wash, Self Flanged <b>6210</b> = Single Wall Wash, Polymer Trim Ring <b>6221</b> = Double Wall Wash, Self Flanged <b>6220</b> = Double Wall Wash, Polymer Trim Ring	<b>LI</b> = Specular Clear <b>H</b> = Semi-Specular Clear <b>WMH</b> = Warm Haze <b>G</b> = Specular Gold <b>WH</b> = Wheat <b>WHH</b> = Wheat Haze <b>GP</b> = Graphite <b>GPH</b> = Graphite Haze <b>CC</b> = Chocolate <b>CCH</b> = Chocolate Haze <b>K</b> = Cognac <b>KH</b> = Cognac Haze <b>B</b> = Specular Black <b>W</b> = Gloss White	<b>WF</b> = White painted flange (self flanged only)	<b>TRM6</b> = Metal Trim Ring, Specify Finish¹ <b>TRR6</b> = Rimless Trim Ring¹ <b>FK5</b> = 5 Amp Field Installable Fuse Kit 300V Max <b>DT6</b> = Deco trim¹ <b>ABR6P</b> = Remodel Adaptor Ring for 7" OD <b>ABR7P</b> = Remodel Adaptor Ring for 8" OD <b>ABR8P</b> = Remodel Adaptor Ring for 9" OD

**Notes:** 1 Order trim with polymer trim ring (Consult specification sheet for ordering information and options).

**PHOTOMETRICS**

**Candlepower Distribution Curve**



Test No. H22273  
 C6RH226E 6211LI  
 Lamp = (2) 26W Quad  
 Lumens = 1800  
 Spacing Criteria:  
 0° Wall Wash = 1.3,  
 180° Downlight = 1.4  
 Efficiency = 44.3%

**Candela Distribution**

Degrees Vertical	0°	180°
0	532	532
5	531	565
15	574	625
25	523	590
35	425	479
45	260	260
55	127	71
65	68	6
75	31	3
85	4	1
90	0	0

**Luminance**

Degrees	CD/SQ M	
	0°	180°
45	22422	22362
55	13449	7500
65	9833	793
75	7298	589
85	2936	419

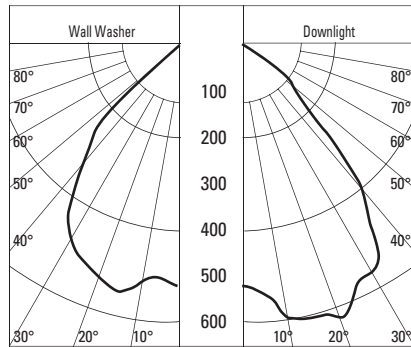
**Single Unit Foot-candles**

**Multiple Unit Foot-candles**

	2'6" from wall (distance from fixture along wall)							Multiple Unit Foot-candles																	
	2'6" from wall (spacing between fixtures)							2'6" from wall (spacing between fixtures)			3' from wall (spacing between fixtures)			3' from wall (spacing between fixtures)			4' from wall (spacing between fixtures)								
DD	■	1'	2'	3'	4'	5'	6'	■	3'	■	■	4'	■	■	3'	■	■	4'	■	■	4'	■	■	6'	■
1	6	4	2	1	0	0	0	7	5	7	6	3	6	4	4	4	4	3	4	2	1	2	1	1	1
2	11	7	3	1	0	0	0	13	11	13	12	7	12	9	8	9	7	5	7	4	4	4	3	2	3
3	12	9	5	2	1	0	0	16	15	16	13	10	13	12	12	12	9	8	9	6	5	6	4	3	4
4	9	8	5	3	2	1	0	14	15	14	12	10	12	13	13	13	10	9	10	7	7	7	5	4	5
5	6	5	4	3	1	1	0	11	12	11	9	9	9	12	12	12	9	9	9	7	7	7	5	5	5
6	4	4	3	2	1	1	0	11	12	11	9	9	9	9	9	9	7	7	7	7	7	7	5	5	5
7	3	3	2	2	1	1	1	9	9	9	7	7	7	7	7	7	6	6	6	6	6	6	4	4	4
8	2	2	2	1	1	1	1	7	7	7	6	6	6	6	6	6	5	5	5	5	5	5	4	4	4
9	1	1	1	1	1	1	0	5	5	5	4	4	4	5	5	5	4	4	4	5	5	5	3	3	3
10	1	1	1	1	1	1	0	4	4	4	4	4	4	4	4	4	3	3	3	4	4	4	3	3	3

**PHOTOMETRICS**

**Candlepower Distribution Curve**



Test No. H22273  
 C6RH226E 6211LI  
 Lamp = (2) 26W Quad  
 Lumens = 1800  
 Spacing Criteria:  
 0° Wall Wash = 1.3  
 180° Downlight = 1.4  
 Efficiency = 38.9%

**Candela Distribution**

Degrees Vertical	0°	180°
0	682	682
5	678	721
15	725	809
25	652	770
35	527	628
45	339	362
55	174	109
65	99	8
75	43	3
85	6	1
90	0	0

**Luminance**

Degrees	CD/SQ M	
	0°	180°
45	29178	31178
55	18432	11526
65	14274	1081
75	10124	777
85	4055	559

**Single Unit Foot-candles**

**Multiple Unit Foot-candles**

	2'6" from wall (distance from fixture along wall)							Multiple Unit Foot-candles																	
	2'6" from wall (spacing between fixtures)							2'6" from wall (spacing between fixtures)			3' from wall (spacing between fixtures)			3' from wall (spacing between fixtures)			4' from wall (spacing between fixtures)								
DD	■	1'	2'	3'	4'	5'	6'	■	3'	■	■	4'	■	■	3'	■	■	4'	■	■	4'	■	■	6'	■
1	8	6	2	1	0	0	0	10	8	10	9	4	9	6	6	6	5	4	5	2	2	2	2	1	2
2	14	10	4	2	1	0	0	17	15	18	16	9	16	12	11	12	10	8	10	5	5	5	4	3	3
3	14	12	7	3	1	0	0	20	20	20	17	14	17	16	16	16	13	12	13	8	7	8	6	4	6
4	11	10	6	4	2	1	0	19	19	19	15	13	15	17	17	17	13	12	13	9	9	9	7	5	7
5	7	7	5	3	2	1	1	15	15	15	11	12	11	15	15	15	11	11	11	10	10	10	7	6	7
6	5	5	4	3	2	1	1	11	12	11	9	9	9	12	12	12	9	10	9	9	9	9	7	6	7
7	3	3	3	2	2	1	1	9	9	9	7	7	7	10	10	10	8	8	8	8	8	8	6	6	6
8	2	2	2	2	1	1	1	7	7	7	6	6	6	8	8	8	6	6	6	7	7	7	5	5	5
9	2	2	1	1	1	1	1	5	5	5	5	5	5	6	6	6	5	5	5	6	6	6	4	4	4
10	1	1	1	1	1	1	1	4	4	4	4	4	4	5	5	5	4	4	4	5	5	5	4	4	4

**Notes:**

- Illuminance values for multiple fixtures are based upon the center two units of a four unit array. Footcandle values are centerline of fixtures and centered between fixtures.
  - Illuminance values are cosine corrected initial values with no contribution from inter reflections from other room surfaces. Total illumination may increase from contributions from other surfaces.
  - Changing fixture spacing will affect illuminance level.
- New Fc =  $\frac{\text{Existing Spacing}}{\text{New Spacing}} \times \text{Average Table Fc Level}$
- When selecting colored cones option, only downlight cone is colored; the wall wash reflector is specular clear. This allows the color (CRI, °K) of the light source to be unaffected and maximizes lumen output.

