

application

- Non-IC rated downlight for long-life, energy efficient compact fluorescent lamps. Provides a broad, uniform light distribution with excellent color rendition. Ideal for areas that require long hours of continuous operation.

features

- Non-insulated ceiling application
- Grooved baffle reduces glare at aperture.
- Die-stamped plaster frame.
- cUL listed for damp locations and through branch circuit wiring.

construction

- Ballast: Electronic ballast (U) is universal voltage (120 through 277), total harmonic distortion less than 10% (THD<10%) and high power factor (+98%).
- Bar Hangers: Pre-installed BH6 bar hangers telescope from 16" to 24". Vertical design of interlocking bar hangers prevents sagging even at full 24" extension. Bar hangers mount vertically on plaster rough in mounting pan.
- Plaster Frame: Precision die-stamped plaster frame of 16 gauge galvanized steel. Mounting frame accommodates ceiling materials up to 1/2" thick.
- Reflector: Precision spun .050 aluminum with anodized finish.
- Baffle: Precision spun .040 aluminum with deep grooves to reduce aperture glare. Non-reflective matte black or white finish.

- Sockets: Two horizontally mounted G24Q plug-in sockets orient lamps at optical focal plane of reflector for precise optics.
- Junction Box: Extra large 32 cubic inch .063" galvanized steel with snap on cover and ground wire riveted to frame. Approved for through branch circuit wiring with up to 8 #12 AWG conductors.
- cUL listed: for Damp Locations. 4in/4 out through branch wiring.

accessories (ordered separately)

- Emergency Remote Field installable Kit **ER-FK**
- Field Installable Fusing **FR2**

RC2-10

Rev. 02/12

Recessed Compact Fluorescent

CFR62H13Q/18Q/26Q
6" Design/Build Non-IC Rated
Horizontal 2 lamp Downlight



Specifier's Reference

Project

Type

Model No.

Comments

Sample Catalog Number: CFR62H26QU-R6200

Housing

CFR62H13Q – (2)CFQ13/G24Q
(electronic)¹
CFR62H18Q – (2)CFQ18/G24Q
(electronic)
CFR62H26Q – (2)CFQ26/G24Q
(electronic)

Ballast

U – Universal Electronic
high power factor ballast
120/277V
S3 – Electronic high power
factor ballast 347V

Dimming

DX1 – 120V dimming¹
DX2 – 277V dimming¹
DL1 – 120V, 0-10V dimming⁴
DL2 – 277V, 0-10V dimming⁴

Options

RI – Radio Filter
ER – Remote Emergency
E – Integral Emergency²

Trims (choose one)

R6200 – White Baffle Clear Upper Reflector
R6200E – White Baffle Clear Upper Reflector,
Integral Emergency
R6201 – Black Baffle Clear Upper Reflector
R6201E – Black Baffle Clear Upper Reflector,
Integral Emergency
R6202 – Clear Sepcular Cone³
R6202E – Clear Sepcular Cone Integral Emergency³
R6203 – Gold Sepcular Cone³
R6203E – Gold Sepcular Cone Integral Emergency³
R6230 – Prismatic Lens White Baffle Clear Upper
Reflector
R6230E – Prismatic Lens White Baffle Clear Upper
Reflector, Integral Emergency
R6230F – Fresnel Lens White Baffle Clear Upper
Reflector
R6230FE – Fresnel Lens White Baffle Clear Upper
Reflector, Integral Emergency
R6231 – Prismatic Lens Black Baffle Clear Upper
Reflector

R6231E – Prismatic Lens Black Baffle Clear Upper
Reflector, Integral Emergency
R6231F – Fresnel Lens Black Baffle Clear Upper
Reflector
R6231FE – Fresnel Lens Black Baffle Clear Upper
Reflector, Integral Emergency
R6232 – Prismatic Lens Clear Cone³

R6232E – Prismatic Lens Clear Cone, Integral
Emergency³
R6232F – Fresnel Lens Clear Cone³
R6232FE – Fresnel Lens Clear Cone, Integral
Emergency³

RI-R13P – Fresnel Glass White Flange Shower Light
RI-R14P – Regressed Fresnel White Flange Black
Reveal Shower Light
RI-PSH12P – Albalite Polycarbonate White Flange
Shower Light
R6251 – Wall Wash Black Baffle
R6250 – Wall Wash White Baffle

Footnotes:

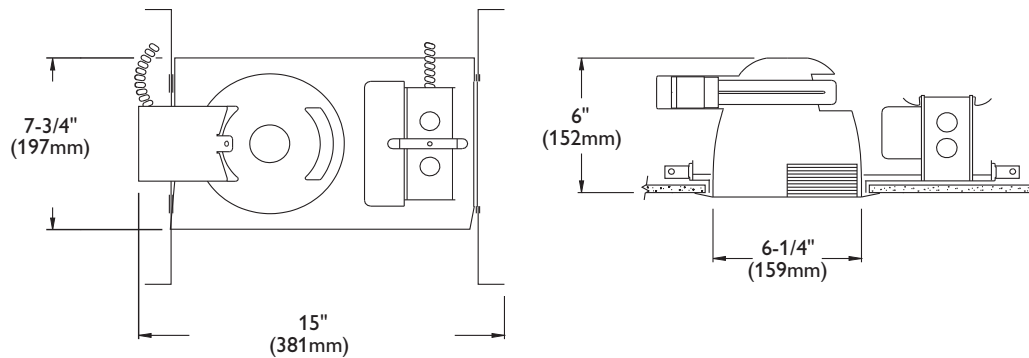
1. Consult factory for 13 Watt dimming.
2. Add "E" to trim when ordering "E" option.
3. Self-lipped reflector not available in specular colors.
4. Dimming options are voltage specific.

General Notes:

Lamp compatibility is noted under housings.
DX1 and DX2 are Standard Advance Mark X dimming.
DL1 and DL2 with Lutron EcoSystem 0-10V dimming.

PHILIPS
capri

dimensions



trims



R6200 Clear Specular Reflector; White Baffle
R6200E Integral Emergency

7-1/2" O.D. (191 mm)

Housing	Lamp
CFR6213QU	CFQ13W/GX24Q
CFR6218QU	CFQ18W/GX24Q
CFR62H26QU	CFQ26W/GX24Q



R6201 Clear Specular Reflector; Black Baffle
R6201E Integral Emergency

7-3/4" O.D. (197 mm)

Housing	Lamp
CFR6213QU	CFQ13W/GX24Q
CFR6218QU	CFQ18W/GX24Q
CFR62H26QU	CFQ26W/GX24Q



R6202 Clear Specular Reflector
R6202E Integral Emergency

7-3/4" O.D. (197 mm)

Housing	Lamp
CFR6213QU	CFQ13W/GX24Q
CFR6218QU	CFQ18W/GX24Q
CFR62H26QU	CFQ26W/GX24Q



R6203 Gold Specular Reflector
R6203E Integral Emergency

7-3/4" O.D. (197 mm)

Housing	Lamp
CFR6213QU	CFQ13W/GX24Q
CFR6218QU	CFQ18W/GX24Q
CFR62H26QU	CFQ26W/GX24Q



R6230 (shown)
Pattern 12 Prismatic Lens
R6230F
Fresnel Lens
Clear Reflector; White Baffle

7-1/2" O.D. (191 mm)

Housing	Lamp
CFR6213QU	CFQ13W/GX24Q
CFR6218QU	CFQ18W/GX24Q
CFR62H26QU	CFQ26W/GX24Q



R6231F (shown)
Fresnel Lens
R6231
Pattern 12 Prismatic Lens
Clear Reflector; Black Baffle

7-3/4" O.D. (197 mm)

Housing	Lamp
CFR6213QU	CFQ13W/GX24Q
CFR6218QU	CFQ18W/GX24Q
CFR62H26QU	CFQ26W/GX24Q



R6232
Pattern 12 Prismatic Lens
R6232F
Fresnel Lens
Clear Reflector

7-3/4" O.D. (197 mm)

Housing	Lamp
CFR6213QU	CFQ13W/GX24Q
CFR6218QU	CFQ18W/GX24Q
CFR62H26QU	CFQ26W/GX24Q



RI-R12P (Shown)
Alkalite-White Shower Light
RI-PSH12P
Polycarbonate Shower- Polymer Opal Lens
RI-PSH12CLR
Polycarbonate Shower- Polymer Clear Lens
Wet Location Approved

8" O.D. (203 mm)

Housing	Lamp
CFR6213QU	CFQ13W/GX24Q
CFR6218QU	CFQ18W/GX24Q
CFR62H26QU	CFQ26W/GX24Q



RI-R13P (Shown)
Fresnel White Shower Light
Wet Location Approved

8" O.D. (203 mm)

Housing	Lamp
CFR6213QU	CFQ13W/GX24Q
CFR6218QU	CFQ18W/GX24Q
CFR62H26QU	CFQ26W/GX24Q



R6251 (Shown)
Wall Wash Black Baffle
R6250
Wall Wash White Baffle

8" O.D. (203 mm)

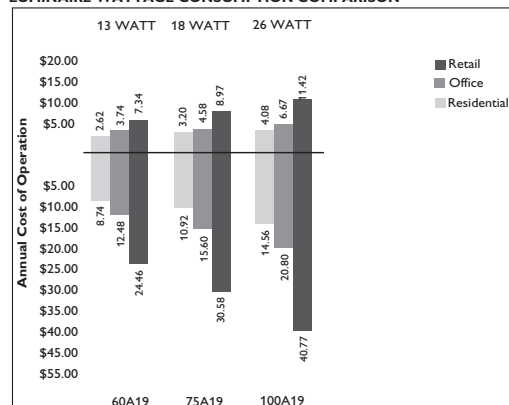
Housing	Lamp
CFR6213QU	CFQ13W/GX24Q
CFR6218QU	CFQ18W/GX24Q
CFR62H26QU	CFQ26W/GX24Q

energy data

Operating Characteristics

Catalog Number	Lamp	Line Amps	Input Watts	Power Factor	Min. Start Temp.
CFR62H13QU-120V	2-CFQ13W/GX24Q	0.27	32	98%	0°F
CFR62H13QU-277V	2-CFQ13W/GX24Q	0.12	32	98%	0°F
CFR62H18QU-120V	2-CFQ18W/GX24Q	0.34	40	98%	0°F
CFR62H18QU-277V	2-CFQ18W/GX24Q	0.15	40	98%	0°F
CFR62H26QU-120V	2-CFQ26W/GX24Q	0.49	56	98%	0°F
CFR62H26QU-277V	2-CFQ26W/GX24Q	0.21	56	98%	0°F

LUMINAIRE WATTAGE CONSUMPTION COMPARISON



CFR62H18Q-R6202

Tested to LM-79 standards.

Open Clear Reflector Test No. 23069 S/MH 90 Degree=1.9 0 Degree=1.6 Lamp Type (2)CFQ18W/G24q, 1250 Lumens Each IES File 23069.ies Luminaire Efficacy 64.4% Beam Angle 108°	Candle Power			Coefficients of Utilization												
	Angle	End	At 90°							pcc	80		70		50	
										pw	50	30	50	30	50	30
				RCR												
				0	77	77	77	72	72	72						
				1	70	68	66	66	64	63						
				2	63	59	56	59	57	54						
				3	56	52	49	54	50	47						
				4	51	46	42	48	44	41						
				5	46	41	37	44	39	36						
				6	41	36	32	40	35	32						
				7	37	32	29	36	32	28						
			8	34	29	26	33	28	25							
			9	31	26	23	30	26	23							
			10	29	24	21	28	23	21							

CFR62H26Q-R6202

Tested to LM-79 standards.

Open Clear Reflector Test No. 22333 S/MH 90 Degree=1.9 0 Degree=1.6 Lamp Type (2)CFQ26W/G24q, 1825 Lumens Each IES File 22333.ies Luminaire Efficacy 53.4% Beam Angle 105°		Candle Power		
		Angle	End	At 90°
		90	0	0
		85	0	0
		75	1	1
		65	7	8
		55	242	292
		45	565	696
		35	682	895
		25	680	950
		15	648	851
		5	619	696
		0	638	638

Coefficients of Utilization						
pcc	80		70		50	
pw	50	30	50	30	50	30
RCR						
0	64	64	64	58	58	58
1	57	56	55	55	53	52
2	52	48	46	48	46	45
3	51	47	45	49	46	44
4	41	38	34	40	36	34
5	38	34	30	36	33	30
6	34	29	27	33	29	27
7	30	27	23	29	27	23
8	28	25	22	28	23	22
9	26	22	20	25	22	19
10	23	20	17	23	20	17



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Contact Factory for Additional Configurations.

Specifications are subject to change without notice.

Some luminaires use fluorescent or high intensity discharge (HID) lamps that contain small amounts of mercury. Such lamps are labeled, "Contain Mercury" and/or the symbol "HG". Lamps that contain mercury must be disposed of in accordance with local requirements. Information regarding lamp recycling and disposal can be found at www.lamprecycle.org

