

application

- Low profile recessed square downlight for use with long-life energy efficient compact fluorescent lamps. Provides broad, uniform light distribution with excellent color rendition. Ideal for areas that require long hours of continuous operation or around-the-clock use.

features

- Non-insulated ceiling operation.
- Upper reflector coated with high reflectance white enamel for maximum light output.
- Precision die-stamped plaster frame for double ceiling thickness.
- Thermal protection standard.
- U.L. listed for Damp Locations and Through Branch Circuit Wiring.
- 13 or 18 Watt option.

construction

- Housing: Die-formed aluminum construction. Access to junction box is possible from below ceiling.
- Plaster Frame - Die-stamped 22 gauge galvanized steel.
- Sockets: 2 horizontally mounted plug in sockets orient lamp at optical focal plane of reflector. Socket is 4 pin base. Adjustable socket has locking mechanism.
- Bar Hangers: Furnished with patented BH1 bar hangers that telescope from 16" to 24". Vertical design of interlocking bar hangers prevents sagging even at full 24" extension. Bar hangers can be locked into position.
- Junction Box: Large 32 cubic inch 16 gauge galvanized steel with two snap on covers and grounding pig tail. Knockouts for 1/2" and 3/4" conduit and 4 Romex knockouts with strain relief. Meets all safety requirements of U.L. and the N.E.C.

- Air Seal™: Lunimaire is Airseal rated per ASTM E283 limiting passage of air through housing to no more than 2.0 CFM at 75 Pascals. AirSeal™ housing meets restricted airflow requirements of Washington State Energy Code (W.S.E.C.) and International Energy Conservation Code (I.E.C.C.)
- Thermal Protection: Standard thermal protection standard with class P electronic ballast. Ballast operates voltage from 120V through 277V. Minimum starting temp is 0° F.
- c/UL Listed: for Damp Locations and Through branch wiring, 4 in/4 out.

accessories (ordered separately)

- Field Installable Fusing FR2

RC2-18

Rev. 02/12

Recessed Compact Fluorescent

CFQ102H13QU/18QU

10" New Construction
Non-IC Rated



Specifier's Reference

Project

Type

Model No.

Comments

Sample Catalog Number: CFQ102H13QU-S53P

Housing	Ballast	Options	Trims (choose one)
CFQ102H13Q – (2)CFQ13W/ G24Q	U – Universal Electronic high power factor ballast 120-277V	ER – Remote Emergency	S52P – Albalite Lens
CFQ102H18Q – (2)CFQ18W/ G24Q	DX1 – Dimming 120V ¹ DX2 – Dimming 277V ¹	RF – Radio Interface Filter	S52-1P – Prismatic Lens
		F – Fusing	S53P – Fresnel Lens
			S56P – Drop Opal Lens
			S59-2 – Regressed Albalite Black Baffle
			S59-3 – Regressed Acrylic Black Baffle
			S59-5 – Regressed Fresnel Black Baffle
			S59-6 – Regressed Drop Opal Black Baffle
			S59-2WB – Regressed Albalite White Baffle
			S59-3WB – Regressed Acrylic White Baffle
			S59-6WB – Regressed Drop Opal White Baffle
			S59-8 – Regressed Louver Black Baffle

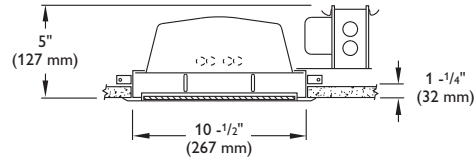
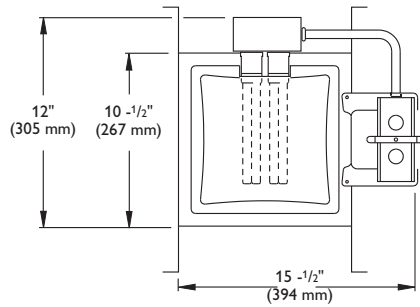
Footnotes:

1. Dimming options are voltage and wattage specific.

General Notes:

Lamp compatibility is noted under housings.
DX1 and DX2 are Standard Advance Mark X dimming.

PHILIPS
capri



trims



S52P Alabite Lens (shown)
S52-1P Prismatic Lens
Wet Location

11-5/8" Sq. (295 mm)

Housing	Lamp
CFQ102H13Q	CFQ13W/G24Q
CFQ102H18Q	CFQ18W/G24Q



S53P
Fresnel
Wet Location

11-5/8" Sq. (295 mm)

Housing	Lamp
CFQ102H13Q	CFQ13W/G24Q
CFQ102H18Q	CFQ18W/G24Q



S56P
Drop Opal
Wet Location

11-5/8" Sq. (295 mm)

Housing	Lamp
CFQ102H13Q	CFQ13W/G24Q
CFQ102H18Q	CFQ18W/G24Q



S59-2 Regressed
Alabite Black Stepped
Baffle (shown)
S59-2VWB Regressed
Alabite White Stepped
Baffle
Wet Location

11-1/4" Sq. (286 mm)

Housing	Lamp
CFQ102H13Q	CFQ13W/G24Q
CFQ102H18Q	CFQ18W/G24Q

S59-3 Regressed
Acrylic Black Baffle
S59-3VWB Regressed
Acrylic Black Baffle
S59-8 Regressed
Prismatic Black Baffle



S59-6P Regressed Drop Opal Black Stepped
Baffle (shown)
S59-6VWB Regressed Drop Opal White
Stepped Baffle
Wet Location

11-1/4" Sq. (286 mm)

Housing	Lamp
CFQ102H13Q	CFQ13W/G24Q
CFQ102H18Q	CFQ18W/G24Q



S59-5
Regressed Fresnel Black Stepped Baffle
S59-5VWB
Regressed Alabite White Stepped Baffle
Wet Location

11-1/4" Sq. (286 mm)

Housing	Lamp
CFQ102H13Q	CFQ13W/G24Q
CFQ102H18Q	CFQ18W/G24Q

photometrics

CFQ102H13Q-S53P

Clear Specular Reflector

Test No.	420
S/MH	(0 degree plane)1.2
Lamp Type	(2)CFQ13W/G24Q
IES File	420.ies
Luminaire Efficiency	42.0%

Candlepower

Degrees	At 0°	At 90°	Foot Lamberts
90	0	0	
85	6	6	216
75	19	19	231
65	37	37	275
55	101	101	553
45	190	190	844
35	270	270	
25	319	319	
15	349	349	
5	364	364	
0	366	366	

Coefficients of Utilization

pcc	80			70		
pw	70	50	30	70	50	30
RCR						
0	50	50	50	46	46	46
1	45	42	41	41	40	40
2	40	38	35	38	35	34
3	35	33	30	34	32	29
4	32	28	27	30	28	26
5	28	26	23	28	25	23
6	27	23	20	26	23	20
7	23	20	19	23	20	19
8	22	19	17	22	19	17
9	20	17	14	20	17	14
10	19	16	14	19	16	14



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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

