

**Recessed Compact  
Fluorescent**

**CFQ102H26/32/42**  
10" New Construction  
Non-IC Rated



**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.
- 26, 32 or 42 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.

- AirSeal™: Luminaire 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. Standard ballast operates voltage from 120V through 277V.
- c/UL Listed: for damp locations and through branch wiring, 4 in/4 out.

**accessories (ordered separately)**

- Field Installable Fusing **FR2**

**Specifier's Reference**

Project
Type
Model No.
Comments

**Sample Catalog Number: CFQ102H2642U-S53P**

Housing	Ballast	Options	Trims (choose one)
<b>CFQ102H2642</b> – (2)CFQ26W/G24Q (2)CFM26W/GX24Q (2)CFM32W/GX24Q (2)CFM42W/GX24Q <b>CFQ102H26</b> – (2)CFQ26W/G24Q (2)CFM26W/GX24Q <b>CFQ102H32</b> – (2)CFM32W/GX24Q <b>CFQ102H42</b> – (2)CFM42W/GX24Q	<b>U</b> – Universal <b>DX1</b> – Dimming 120V <sup>1</sup> <b>DX2</b> – Dimming 277V <sup>1</sup>	<b>ER</b> – Remote Emergency <b>RF</b> – Radio Interface Filter <b>F</b> – Fusing	<b>S52P</b> – Albalite Lens <b>S52-1P</b> – Prismatic Lens <b>S53P</b> – Fresnel Lens <b>S56P</b> – Drop Opal Lens <b>S59-2</b> – Regressed Albalite Black Baffle <b>S59-3</b> – Regressed Acrylic Black Baffle <b>S59-5</b> – Regressed Fresnel Black Baffle <b>S59-6</b> – Regressed Drop Opal Black Baffle <b>S59-8</b> – Regressed Louvered Black Baffle <b>S59-2WB</b> – Regressed Albalite White Baffle <b>S59-3WB</b> – Regressed Acrylic White Baffle <b>S59-5WB</b> – Regressed Fresnel White Baffle <b>S59-6WB</b> – Regressed Drop Opal White Baffle

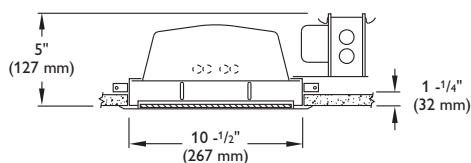
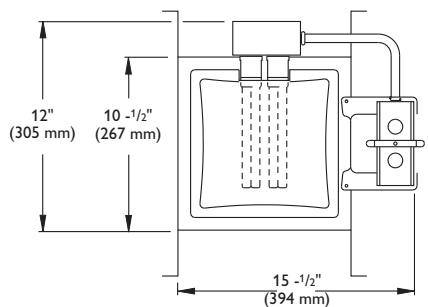
**Footnotes:**

1. Dimming options are voltage and wattage specific.

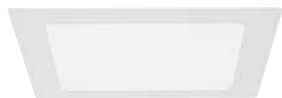
**General Notes:**

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

## dimensions



## trims



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

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

Housing	Lamp
CFQ102H2642	CFQ26W/G24Q
	CFM26W/GX24Q
	CFM32W/GX24Q
	CFM42W/GX24Q



**S53P**  
 Fresnel  
 Wet Location

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

Housing	Lamp
CFQ102H2642	CFQ26W/G24Q
	CFM26W/GX24Q
	CFM32W/GX24Q
	CFM42W/GX24Q



**S56P**  
 Drop Opal  
 Wet Location

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

Housing	Lamp
CFQ102H2642	CFQ26W/G24Q
	CFM26W/GX24Q
	CFM32W/GX24Q
	CFM42W/GX24Q



**S59-2** Regressed  
 Alabite Black Stepped  
 Baffle (shown)  
**S59-2WB** Regressed  
 Alabite White Stepped  
 Baffle  
**S59-3** Regressed  
 Acrylic Black Baffle  
**S59-3WB** Regressed  
 Acrylic Black Baffle  
**S59-8** Regressed  
 Prismatic Black Baffle  
 Wet Location

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

Housing	Lamp
CFQ102H2642	CFQ26W/G24Q
	CFM26W/GX24Q
	CFM32W/GX24Q
	CFM42W/GX24Q



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

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

Housing	Lamp
CFQ102H2642	CFQ26W/G24Q
	CFM26W/GX24Q
	CFM32W/GX24Q
	CFM42W/GX24Q



**S59-5P** Regressed Fresnel Black Stepped  
 Baffle (shown)  
**S59-5WB** Regressed Fresnel White Stepped  
 Baffle  
 Wet Location

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

Housing	Lamp
CFQ102H2642	CFQ26W/G24Q
	CFM26W/GX24Q
	CFM32W/GX24Q
	CFM42W/GX24Q

**CFQ102H26Q-S53P**

Tested to LM-79 standards.

10" Recessed Square Downlight w/White Reflector and Fresnel Lens <b>Test No.</b> ITL51025 <b>S/MH</b> 90 Degree=1.4 0 Degree=1.4 <b>Lamp Type</b> (2)CFQ26W/G24 1800 Lumens Each <b>IES File</b> ITL51025.IES <b>Luminaire Efficacy</b> 58.5%	<b>Candle Power</b>								
	<b>Angle</b>	<b>End</b>							
	90	0							
	85	0							
	75	35							
	65	152							
	55	343							
	45	575							
	35	750							
	25	838							
15	866								
5	844								
0	833								
			<b>Coefficients of Utilization</b>						
			pcc	80		50		10	
			pw	50	30	50	30	50	30
			RCR						
			0	70	70	65	65	60	60
			1	63	61	59	57	55	54
			2	56	52	53	50	49	47
			3	50	45	47	44	44	42
			4	44	40	42	39	40	37
			5	40	35	38	34	36	33
			6	36	31	35	31	33	30
			7	33	28	32	27	30	27
			8	30	25	29	25	28	24
			9	28	23	27	23	25	22
			10	25	21	25	21	24	20

**CFQ102H42-S53P**

Tested to LM-79 standards.

10" Recessed Square Downlight w/White Reflector and Fresnel Lens <b>Test No.</b> ITL51027 <b>S/MH</b> 90 Degree=1.4 0 Degree=1.3 <b>Lamp Type</b> (2)CFM42W/GX24q 3200 lumens each <b>IES File</b> ITL51027.IES <b>Luminaire Efficacy</b> 53.2%	<b>Candle Power</b>								
	<b>Angle</b>	<b>End</b>							
	90	0							
	85	0							
	75	58							
	65	258							
	55	572							
	45	963							
	35	1240							
	25	1381							
15	1421								
5	1377								
0	1359								
			<b>Coefficients of Utilization</b>						
			pcc	80		50		10	
			pw	50	30	50	30	50	30
			RCR						
			0	63	63	59	59	54	54
			1	57	55	54	52	50	49
			2	51	48	48	45	45	43
			3	45	41	43	40	40	38
			4	40	36	38	35	36	34
			5	36	32	35	31	33	30
			6	33	29	32	28	30	27
			7	30	26	29	25	27	24
			8	27	23	26	23	25	22
			9	25	21	24	21	23	20
			10	23	19	22	19	22	18



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 776 South Green Street • Tupelo, MS 38804  
 p. 800.234.1890 • f. 662.841.5501  
 www.omegalighting.com  
 Canadian Division  
 189 Bullock Drive • Markham, Ontario L3P 1W4  
 p. 905.294.9570 • f. 905.294.9811

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](http://www.lamprecycle.org)