

## APPLICATION

Light-Squares™ recessed downlights are ideal for low to medium height ceilings where a medium distribution and architecturally pleasing square aperture are desired. Wall wash reflector optics delivers uniform illumination to vertical surfaces.

## PRODUCT DATA

**REFLECTOR:** The specular upper reflector and lower soft specular splay trim offer excellent efficiency and low brightness. A complete range of textures and finishes are available to complement any décor. Diagonal prismatic lens enhances distribution and visual comfort. A 9/16" overlap flange is standard and features a dieformed cover to eliminate appearance of mitered corners.

**MECHANICAL:** The housing is fabricated heavy gauge steel with galvanized finish and ventilated for heat dissipation. Integral universal vertical mounting brackets are provided to accept a variety of hanger bars. Standard aperture plaster flange allows for one-inch ceiling thickness. Ballast is accessible through aperture.

**ELECTRICAL:** 120 to 277 volt input 50 to 60 Hz high power factor electronic ballasts are instant start, under 10% THD. Consult Technical Section for additional ballast operating data. Ballast can be serviced from below the ceiling. Optional emergency ballast (-EM) operates one lamp for 90 minutes, remote faceplate with test switch and charger light. Integral push to test switch available (EMITS). 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. Twist lock lamp socket supplied standard for ease of relamping. Field adjustable socket position to accommodate all lamp types.

### 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

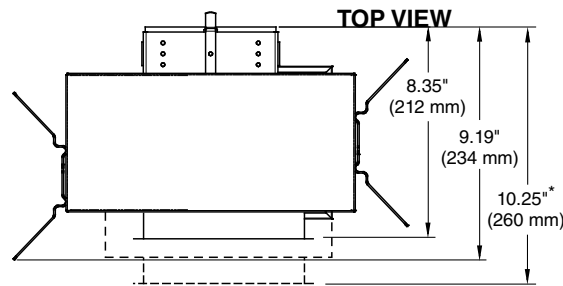
Initial lumens



FOR WET LOCATION  
UNDER COVERED CEILING

Manufactured and tested to UL#1598 and CSA standards.  
Fixtures are not designed for direct contact with insulation.

\* Increased dimension for EM Ballast Option



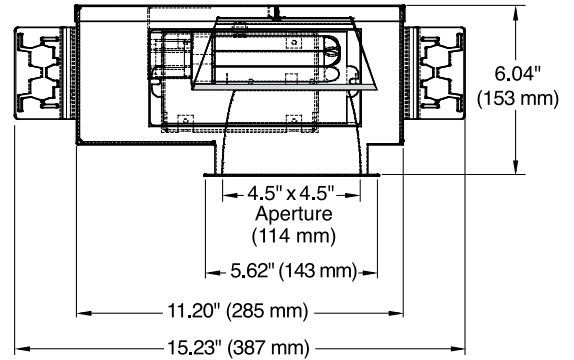
## SERIES 4SQHFWW

Square Aperture Wall Wash Horizontal Fluorescent

### LIGHT-SQUARES™



### ELEVATION



Rough Opening 5.125" x 5.125"

Catalog #:

4SQHF

4SQHLWW

Example: 4SQHF142TE4

Example: 4SQHLWWSCLPF

Fixture Series	Lamp/Wattage	Ballast/Voltage	Options
4SQHF	QTY. TYPE (Triple Tube)	E4 Electronic120/277 D1 120V Lutron Dimming* D2 277V Lutron Dimming*	See Below
	1 26T	* Refer to separate page for dimming ballast specifications and availability of other styles.	
	1 32T		
	1 42T		

Trim	Trim Finish w/polished flange
4SQHLWW	Lensed Wall Wash
	SCLPF – Soft Specular Clear Alzak
For white painted flange, drop "PF" from Catalog #. For other finishes, consult reflector section.	

## Optional Accessories

Hanger Bars (set of 2)

- 101782 = #520 Caddy Bars
- 9152 = 52" C-Channel
- 9127 = 27" C-Channel
- 27BH = 27" Solid Bar
- 24CBH = 24" one-piece B-Line C-Channel hanger bar

Fixture:	Type:
Project:	

## Options

- \* EM = Emergency Battery Pack w/remotely located Test Switch
  - \* EMITS = Emergency Battery Pack with Integral Test Switch installed in reflector
  - F = Fused
- \* Note increased dimensions.

All Pathway® products meet or exceed requirements as established by the National Electrical Code. Specifications subject to change without notice. Alzak® is a registered trademark of Alcoa.



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Series 4SQHFWW - Triple Tube Square Aperture Wall Wash Horizontal Fluorescent

SQ1.5  
UUCRCD

**SERIES 4SQHFWW – Square Aperture, Fluorescent Wall Wash**

**Model Number:** 4SQHF132TE4/4SQHLWWSCLPF  
**Lamp:** Single 32 Watt Triple Tube  
**Luminaire Efficiency:** 59.1%  
**SMHR:** 1.03

**DOWNLIGHT FLOOD DISTRIBUTION**

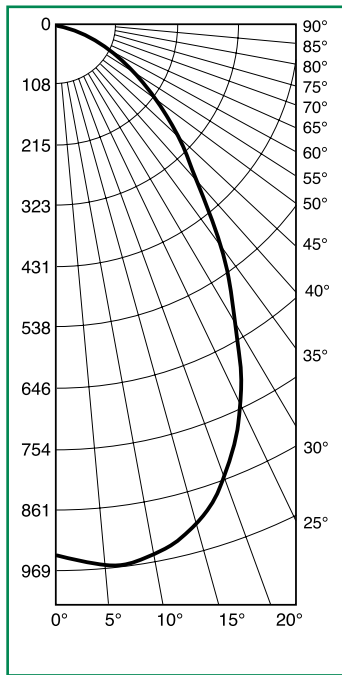
**PERFORMANCE DATA**

Distance From Ceiling	2' O.C.; 2' Set Back		3' O.C.; 3' Set Back	
	Below Fixtures	Between Fixtures	Below Fixtures	Between Fixtures
1'	7	7	5	6
2'	27	27	5	6
3'	53	58	19	18
4'	46	51	28	27
5'	35	39	28	28
6'	27	29	23	24
7'	21	22	19	20
8'	17	18	16	16
9'	14	15	13	14
10'	13	13	12	12

Initial Vertical Footcandles on Wall

**2 X 26 WATT QUAD LAMPS**

**CANDELA DISTRIBUTION**



**CANDELA**

VERTICAL ANGLE	CD
0	950
5	963
10	937
15	904
20	845
25	747
30	602
35	460
40	325
45	241
50	177
55	124
60	86.2
65	65.4
70	48
75	35.5
80	20
85	6

**AVERAGE LUMINANCE**

Angle	CD/FT2
45°	2425
55°	1531
65°	1100
75°	973
85°	494

**Note:** Data calculated using specular clear reflectors. Results may vary due to lamp and ballast variations, as well as ambient temperature and electrical input variance. Data shown are initial footcandles without contribution from redirected light or other sources.

PHOTOMETRIC DATA, available on CD in IES format, please contact factory.

Series 4SQHFWW - Triple Tube Square Aperture Wall Wash Horizontal Fluorescent