



# FHN-LED

Correctional Recessed Flange LED

The FHN series is designed for use in all levels of correctional facilities and high abuse applications.

## PRODUCT SPECIFICATION

### Mounting

Mounts recessed in metal pan or gypsum ceiling with universal mounting brackets.

### Housing

Die-formed cold rolled steel with seams welded and ground smooth. 304 Stainless steel available.

### Door

One piece, die formed cold rolled steel door with 14 gauge lens retainers and a full length welded pin piano hinge. 304 Stainless steel available.

### Internal Lens

Optic Plus lens (standard) completely hides diode image while providing greater than 90% light transmission.

### Finish

Polyester powder-coated after phosphate pretreatment for superior adhesion and corrosion resistance. Brushed stainless available.

### Hardware

Recessed, stainless steel, tamper-proof fasteners.

### Driver

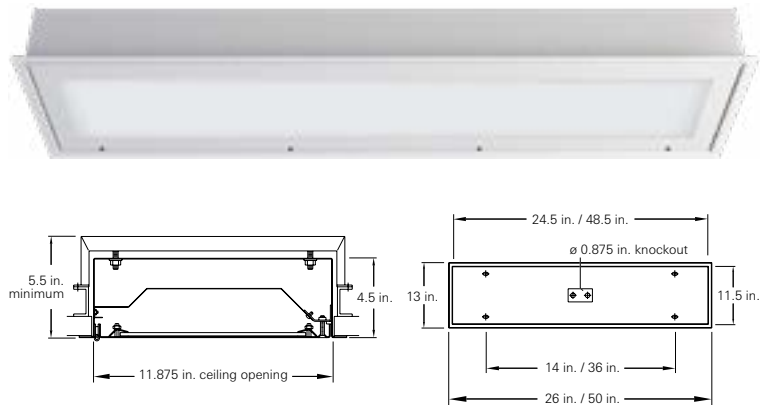
0-10Vdc 1% dimming, >0.9 PF, <20% THD  
Factory programmable, Operating temp -40°C Min. to 50°C Max

### Wiring

Access plate with two .875 in. diameter knockouts. Driver provided with pre-wired 3-wire self-aligning input power quick disconnect and 2-wire quick disconnect to LED module.

### Certifications

UL Listed damp or wet location. IP54 rated.



	one	two	three	four	five	six	seven	eight	nine	ten	eleven	twelve	thirteen	fourteen
FHN	-		/	-				-	DM	-	/	-	-	

one	<b>Luminaire Size</b>	seven	<b>Finish</b>	twelve	<b>Door Fasteners</b>
2	2 ft fixture	R	Brushed (stainless steel only)	AP	Stainless steel allen head with pin
4	4 ft fixture	W	White	TP	Stainless steel torx head with pin
				PH	Phillips, non-security
two	<b>LED Source</b>	eight	<b>Voltage</b>	thirteen	<b>UL Listing</b>
	Refer to the LED Source Table on Page 2 for available options.	VAR	Variable, 120-277 V, 50/60Hz	D	Damp Location
		347	347VAC, 60Hz	W	Wet Location
three	<b>Color Temperature</b>	nine	<b>Driver</b>	fourteen	<b>Options</b>
30	3000K	DM	0-10Vdc Dimming, <u>standard</u>	SO	Specified output*
35	3500K			2C	Two-circuit wired
40	4000K	ten	<b>Internal Lens</b>	CP	CCEA Chicago
50	5000K	122	Optic Plus LED diffusing acrylic, <u>standard</u>	CU	Canadian UL Listing
		130	.125 in. LED diffusing Lexan	EM	Emergency battery backup
four	<b>CRI</b>	53	.125 in. K12 prismatic acrylic	FH	Fuse and holder
80	80 CRI	12	.125 in. K12 prismatic polycarbonate	NL-LED	Night light, LED (Amber available)
90	90 CRI	15	.156 in. K12 prismatic polycarbonate		5-100% Adjustability
		16	.187 in. K12 prismatic polycarbonate	IMS	Integral Occ Sensor
five	<b>Material Gauge</b>	75	.156 in. C73 prismatic tempered glass	PF	Plaster frame
N	18 gauge, minimum security	eleven	<b>External Lens</b>		
D	16 gauge, medium security	30	.187 in. clear polycarbonate		
X	14 gauge, maximum security	32	.250 in. clear polycarbonate		
six	<b>Material</b>	36	.375 in. clear polycarbonate		
C	Cold rolled steel	38	.500 in. clear polycarbonate		
S	Stainless steel	90	.187 in. clear tempered glass		
		92	.250 in. clear tempered glass		
		96	.375 in. clear tempered glass		

Modifications are available to meet custom requirements. Specifications and dimensions are subject to change without notice.

Delivered lumen output calculated using 122 inner lens and 32 (.250" Clear Polycarbonate) outer lens (Highlighted below).

### Specified Output Option

**LUMENS** = XXXXX