IRONCLAD® CORNER PRO™

The Ironclad® Corner Pro fixture is designed to mount flush between the wall and ceiling. The heavy-gauge mounting box is able to withstand abuse, and drastically impede tampering, removal, or damage to the light fixture within a prison facility. The fixture itself utilizes a specially engineered 1/2" thick steel frame, and multiple lens options. Featuring field selectable wattage and color temps, giving the installer the option to dial in the exact light level desired by the facility.

Manufactured in America with globally and domestically sourced components

Ordering Chart Information

Example: 042-CP-SK-CM-Y-VH-WH-PC-00-TC-00-01

Wattage	Fixture	CCT	Mount	Count / Night Light		Voltage	Material	Lens	
042 Selectable to 42W-High, 32W-Med, 24W-Low	**CP** Corner Pro	**SK** Selectable to 3.5K 4K 5K	**CM** Center Mount	**Y**	Yes	**VH** 120 to 277 VAC	**WH** Powder Coat White	**PC**	Polycarbonate (Flat Frosted)
				N	No			**UR**	Polyurethane (Flat)

Accessory 1		Accessory 2		Accessory 3	Rev
00	None	**00**	None	**00** None	**01**
1W	1 Foot Whip	**TC**	Tapcon Concrete Screws		
2W	2 Foot Whip	**CF**	Cinder Block Fasteners		
SW	Sample Whip	**MS**	Metal Ceiling Screws		
S2	Sample Whip + Sample Hardware				

For accessories not shown or custom plates, please contact customer service at (800) 223-0853.

Specifications

Lumens:

Polycarbonate Lens 2800: 2800-4500 lm

Urethane Lens: 2500-4200 lm

Watts: 42W-High, 32W-Med, 24W-Low

Voltage: 120-277 VAC

Main Light CRI: 80

Night Light CRI: 90

LED Life: L70>75,000 Hours; Projected>100,000 Hours

Lens: 1/4" Polycarbonate and Laminated Glass or 1/2" Polyurethane

Installation: Secure installation with no accessible parts or hinges

Dimensions: 5.5" x 5.5" x 23"

Operating Temp: -20°C to 45°C

Color Temperatures:

3500K: Warm White

4000K: Natural White

5000K: Cool White

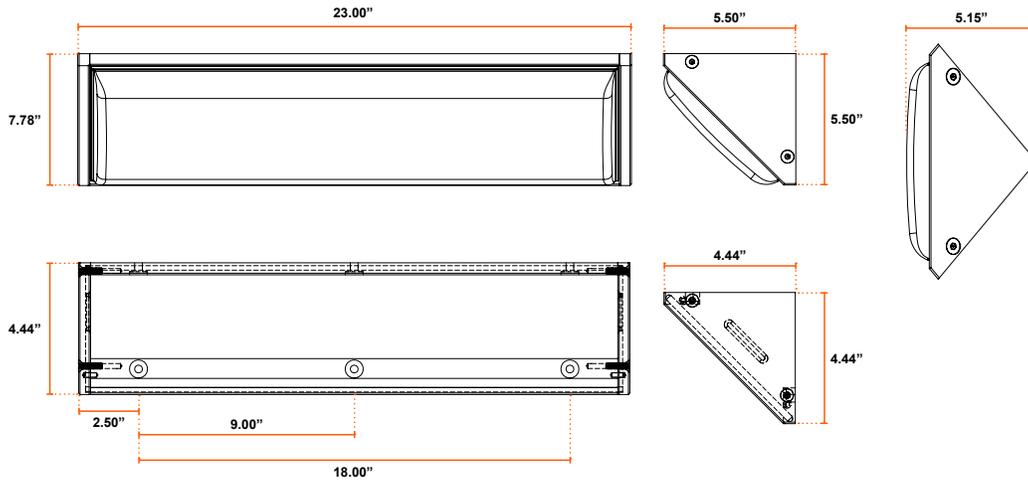**Warranty:** 5-year limited warranty. Complete warranty terms located **here.**

Features

- IK10 impact resistance - Hammer & Knife tested
- Main light and count/night light option
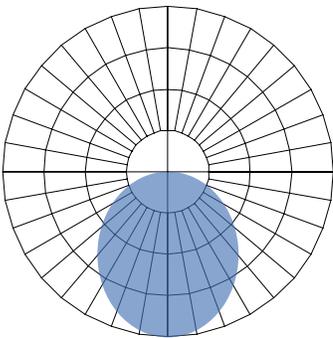- Wattage and Kelvin temp field selectable

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Dimensional Data

Photometric Data

Indoor Report
- Maximum Candela = 1954.19
- Light Loss Factor = 1.00
- Luminaire Lumens = 4994

Photometric Data

Photometric - UR Lens

Watt	Lens Material	CCT	Lumens	Additional Info.	IES File
24W	UR	3500K	2542	24W Corner Pro - UR Lens - 3500K CCT	CP-UR-24W-3500K
24W	UR	4000K	2595	24W Corner Pro - UR Lens - 4000K CCT	CP-UR-24W-4000K
24W	UR	5000K	2572	24W Corner Pro - UR Lens - 5000K CCT	CP-UR-24W-5000K
32W	UR	3500K	3183	32W Corner Pro - UR Lens - 3500K CCT	CP-UR-32W-3500K
32W	UR	4000K	3292	32W Corner Pro - UR Lens - 4000K CCT	CP-UR-32W-4000K
32W	UR	5000K	3245	32W Corner Pro - UR Lens - 5000K CCT	CP-UR-32W-5000K
42W	UR	3500K	4044	42W Corner Pro - UR Lens - 3500K CCT	CP-UR-42W-3500K
42W	UR	4000K	4237	42W Corner Pro - UR Lens - 4000K CCT	CP-UR-42W-4000K
42W	UR	5000K	4115	42W Corner Pro - UR Lens - 5000K CCT	CP-UR-42W-5000K

Photometric Data

Photometric Data - Count/Night Light - UR Lens

Watt	Lense Material	CCT	Lumens	Additional Info.	IES File
10W	UR	2700K	618	Night Light Only	CP-10W-2700K-Y-UR
34W	UR	3500K	3110	24W Corner Pro - UR Lens - 3500K CCT W/ Night Light On	CP-24W-3500K-Y-UR
34W	UR	4000K	3200	24W Corner Pro - UR Lens - 4000K CCT W/ Night Light On	CP-24W-4000K-Y-UR
34W	UR	5000K	3169	24W Corner Pro - UR Lens - 5000K CCT W/ Night Light On	CP-24W-4000K-Y-UR
42W	UR	3500K	3736	32W Corner Pro - UR Lens - 3500K CCT W/ Night Light On	CP-32W-3500K-Y-UR
42W	UR	4000K	3881	32W Corner Pro - UR Lens - 4000K CCT W/ Night Light On	CP-32W-4000K-Y-UR
42W	UR	5000K	3796	32W Corner Pro - UR Lens - 5000K CCT W/ Night Light On	CP-32W-5000K-Y-UR
52W	UR	3500K	4605	42W Corner Pro - UR Lens - 3500K CCT W/ Night Light On	CP-42W-3500K-Y-UR
52W	UR	4000K	4799	42W Corner Pro - UR Lens - 4000K CCT W/ Night Light On	CP-42W-4000K-Y-UR
52W	UR	5000K	4713	42W Corner Pro - UR Lens - 5000K CCT W/ Night Light On	CP-42W-5000K-Y-UR

Photometric Data - PC Lens

Watt	Lens Material	CCT	Lumens	Additional Info.	IES File
24W	PC	3500K	2501	24W Corner Pro - PC Lens - 3500K CCT	CP-24W-3500K-N-PC
24W	PC	4000K	2570	24W Corner Pro - PC Lens - 4000K CCT	CP-24W-4000K-N-PC
24W	PC	5000K	2533	24W Corner Pro - PC Lens - 5000K CCT	CP-24W-5000K-N-PC
32W	PC	3500K	3099	32W Corner Pro - PC Lens - 3500K CCT	CP-32W-3500K-N-PC
32W	PC	4000K	3249	32W Corner Pro - PC Lens - 4000K CCT	CP-32W-4000K-N-PC
32W	PC	5000K	3194	32W Corner Pro - PC Lens - 5000K CCT	CP-32W-5000K-N-PC
42W	PC	3500K	3964	42W Corner Pro - PC Lens - 3500K CCT	CP-42W-3500K-N-PC
42W	PC	4000K	4176	42W Corner Pro - PC Lens - 4000K CCT	CP-42W-4000K-N-PC
42W	PC	5000K	4067	42W Corner Pro - PC Lens - 5000K CCT	CP-42W-5000K-N-PC

Photometric Data - Count/Night Light - PC Lens

Watt	Lense Material	CCT	Lumens	Additional Info.	IES File
10W	PC	2700K	640	Night Light Only	CP-10W-2700K-Y-PC
34W	PC	3500K	3097	24W Corner Pro - PC Lens - 3500K CCT W/ Night Light On	CP-24W-3500K-Y-PC
34W	PC	4000K	3153	24W Corner Pro - PC Lens - 4000K CCT W/ Night Light On	CP-24W-4000K-Y-PC
34W	PC	5000K	3170	24W Corner Pro - PC Lens - 5000K CCT W/ Night Light On	CP-24W-4000K-Y-PC
42W	PC	3500K	3737	32W Corner Pro - PC Lens - 3500K CCT W/ Night Light On	CP-32W-3500K-Y-PC
42W	PC	4000K	3836	32W Corner Pro - PC Lens - 4000K CCT W/ Night Light On	CP-32W-4000K-Y-PC
42W	PC	5000K	3797	32W Corner Pro - PC Lens - 5000K CCT W/ Night Light On	CP-32W-5000K-Y-PC
52W	PC	3500K	4578	42W Corner Pro - PC Lens - 3500K CCT W/ Night Light On	CP-42W-3500K-Y-PC
52W	PC	4000K	4749	42W Corner Pro - PC Lens - 4000K CCT W/ Night Light On	CP-42W-4000K-Y-PC
52W	PC	5000K	4686	42W Corner Pro - PC Lens - 5000K CCT W/ Night Light On	CP-42W-5000K-Y-PC

Photometric Data

Photometric Data - LG Lens

Watt	Lense Material	CCT	Lumens	Additional Info.	IES File
24W	LG	3500K	2968	24W Corner Pro - LG Lens - 3500K CCT	CP-24W-3500K-N-LG
24W	LG	4000K	3057	24W Corner Pro - LG Lens - 4000K CCT	CP-24W-4000K-N-LG
24W	LG	5000K	3053	24W Corner Pro - LG Lens - 5000K CCT	CP-24W-5000K-N-LG
32W	LG	3500K	3734	32W Corner Pro - LG Lens - 3500K CCT	CP-32W-3500K-N-LG
32W	LG	4000K	3872	32W Corner Pro - LG Lens - 4000K CCT	CP-32W-4000K-N-LG
32W	LG	5000K	3824	32W Corner Pro - LG Lens - 5000K CCT	CP-32W-5000K-N-LG
42W	LG	3500K	4766	42W Corner Pro - LG Lens - 3500K CCT	CP-42W-3500K-N-LG
42W	LG	4000K	4994	42W Corner Pro - LG Lens - 4000K CCT	CP-42W-4000K-N-LG
42W	LG	5000K	4907	42W Corner Pro - LG Lens - 5000K CCT	CP-42W-5000K-N-LG

Photometric Data - Count/Night Light - LG Lens

Watt	Lense Material	CCT	Lumens	Additional Info.	IES File
10W	LG	2700K	801	Night Light Only	CP-10W-2700K-Y-LG
34W	LG	3500K	3753	24W Corner Pro - LG Lens - 3500K CCT W/ Night Light On	CP-24W-3500K-Y-LG
34W	LG	4000K	3841	24W Corner Pro - LG Lens - 4000K CCT W/ Night Light On	CP-24W-4000K-Y-LG
34W	LG	5000K	3823	24W Corner Pro - LG Lens - 5000K CCT W/ Night Light On	CP-24W-4000K-Y-LG
42W	LG	3500K	4497	32W Corner Pro - LG Lens - 3500K CCT W/ Night Light On	CP-32W-5000K-Y-LG
42W	LG	4000K	4632	32W Corner Pro - LG Lens - 4000K CCT W/ Night Light On	CP-32W-4000K-Y-LG
42W	LG	5000K	4579	32W Corner Pro - LG Lens - 5000K CCT W/ Night Light On	CP-32W-5000K-Y-LG
52W	LG	3500K	5512	42W Corner Pro - LG Lens - 3500K CCT W/ Night Light On	CP-42W-3500K-Y-LG
52W	LG	4000K	5741	42W Corner Pro - LG Lens - 4000K CCT W/ Night Light On	CP-42W-4000K-Y-LG
52W	LG	5000K	5670	42W Corner Pro - LG Lens - 5000K CCT W/ Night Light On	CP-42W-3500K-Y-LG

Shipping Dimensions

Product	Length	Width	Height	Weight
Corner Pro - UR Lens	24.375"	6.125"	6.125"	19.05 lbs
Corner Pro - PC Lens	24.375"	6.125"	6.125"	17.35 lbs
Corner Pro - LG Lens	24.375"	6.125"	6.125"	18.95 lbs
Corner Pro - UR Lens - W/ Night Light	24.375"	6.125"	6.125"	19.35 lbs
Corner Pro - PC Lens - W/ Night Light	24.375"	6.125"	6.125"	17.55 lbs
Corner Pro - LG Lens - W/ Night Light	24.375"	6.125"	6.125"	19.15 lbs