IRONCLAD® LINEAR PRO

The Ironclad® Linear Pro fixture is designed to withstand abuse and drastically delay tampering, removal, or damaging of a light fixture within a prison. The unique design completely eliminates the metal housing in current style fixtures which can be used to make weapons. The fixture uses a specially engineered 0.5" thick steel frame and proprietary 0.5" thick cast low profile lens. There are no areas to hide contraband or open the fixture. The optional count/night light LED module can be turned on and off as needed depending on the application of the area being used.

Manufactured in America with globally and domestically sourced components

Ordering Chart Information

Example: 034-LR-40-CM-Y-VH-S1-UR-00-SA-TS-02

Wattage		Fixture	CCT			Mount	Count / Night Light		Voltage	Material		Lens
034	34 Watts	**LR** Linear Pro	**40**	4000K		**CM** Center	**Y**	Yes	**VH** 120 to 277 VAC	**S1**	Powder Coat, Black	**UR** Urethane
040	40 Watts		**50**	5000K			**N**	No		**S2**	Powder Coat, White	
045	45 Watts		**CR**	Circadian Rhythm						**S3**	Powder Coat, Bronze	
080	80 Watts									**SS**	Stainless Steel	

Accessory 1		Accessory 2		Accessory 3		Rev
00	None	**00**	None	**00**	None	
JB	14ga Surface Box	**SA**	Spike Anchors	**B1**	Separate Battery Backup unit[1]	
J1	Box with one conduit hole	**TB**	Tamperproof Bolts/Inserts	**TS**	Touch Switch	
J2	Box with two conduit holes	**CF**	Cinder Block Fasteners	**DM**	Dimmable	
J3	JBox-long box for ACSU	**MS**	Metal Ceiling Screws			
JT	JBox with Thin profile					
AB	Angled Corner Box					**02**
C2	Corner Box (3/8 mounting holes)					
C4	Corner Box with outlet					
1W	1 foot Whip					
2W	2 foot Whip					
SW	Sample Whip					
S2	Sample Whip + Sample Hardware					
LX	10ft 4-wire Whip with Liquatite conduit					

Notes:
1. MIP 100 battery backup will ship separately, not attached to unit

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

Specifications

Lumens: 3800, 4400, 8500, Count/Night Light: 830 lm

Watts: 40W, 80W

Voltage: 120-277 VAC

Main Light CRI: 80

Night Light CRI: N/A

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

Lens: Highly impact-resistant 1/2" thick urethane with a minimum IK10 impact rating

Installation: Anchored flush onto ceiling with (8) spike anchors or optional recessed tamper-proof 1/4" stainless steel bolts or cinder block fasteners

Dimensions: 25.8" long x 8.1" wide x 1.8" tall

Operating Temp: -20°C to 45°C

Footcandles: 60 fc at desk level, 30 fc on the floor w/MH 9 ft

Color Temperatures: 5000K, 4000K, Count/Night Light: 2700K

Features: No accessible parts or hinges, no maintenance needed, extreme durability, no areas to hide or conceal contraband.

Warranty: 5-year limited warranty. Complete warranty terms located **here.**
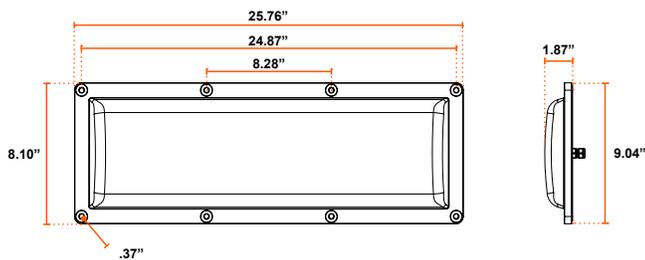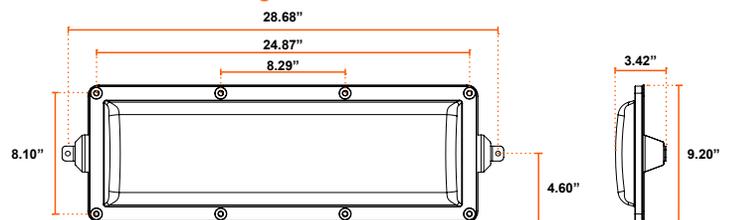
Photometric Data
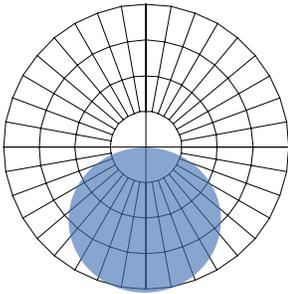
Indoor Report

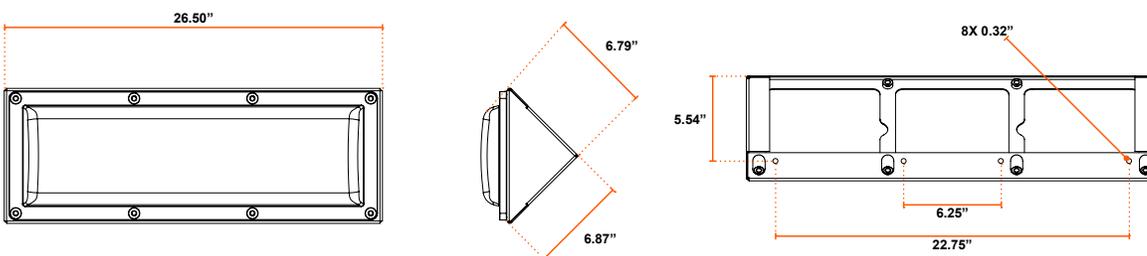- Maximum Candela = 2540.82
- Luminaire Lumens = 8542

Dimensional Data

Standard Linear Pro

25.76"
24.87"
8.28"
1.87"
8.10"
9.04"
.37"

Linear Pro w/ Corrugated Plate

28.68"
24.87"
8.29"
3.42"
8.10"
9.20"
4.60"

Linear Pro w/ Corner Box

26.50"
6.79"
5.54"
8X 0.32"
6.87"
6.25"
22.75"

Linear Pro w/ JBox

26.60"

4.62"

9.80"

24.87"
16.58"
8.29"
8.09"

8X .32" THRU

Linear Pro w/ JT Box

27.94"

3.81"

11.16"

25.37"
16.58"
8.29"
4.30"

8X .44" THRU
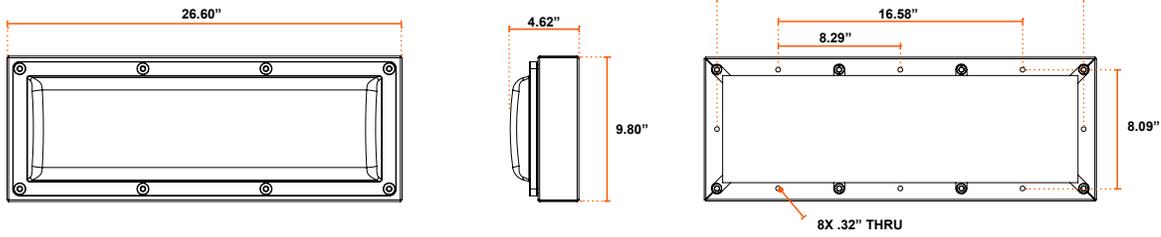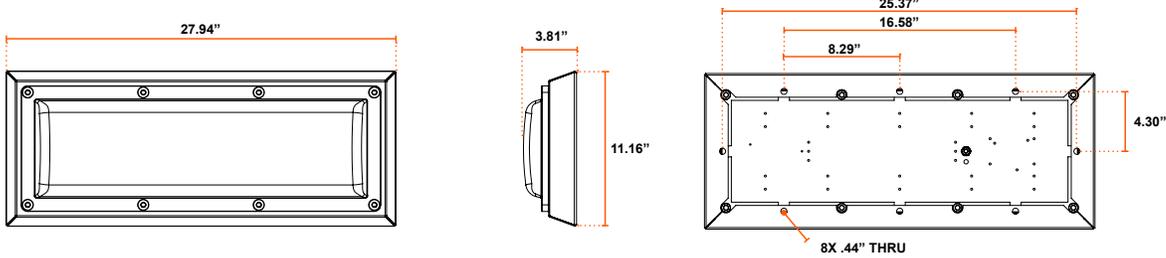
Dimensional Data (Continued)

Linear Pro w/ J1 & J2 Box

26.60"

4.56"

9.80"

1.10"
.80"

24.87"
16.58"
8.29"
3.30"
4.80"

8X .32" THRU

Linear Pro w/ P1 Plate

28.50"

10.00"

1.38"

1.93"

6X .25" 1/4" - 20 STUDS

5.00"

12.75"

25.50"

Linear Pro w/ P5 Plate

26.50"

12.00"
10.00"

4X .28 7 THRU

6.99"

65°

10.97"   14.39"
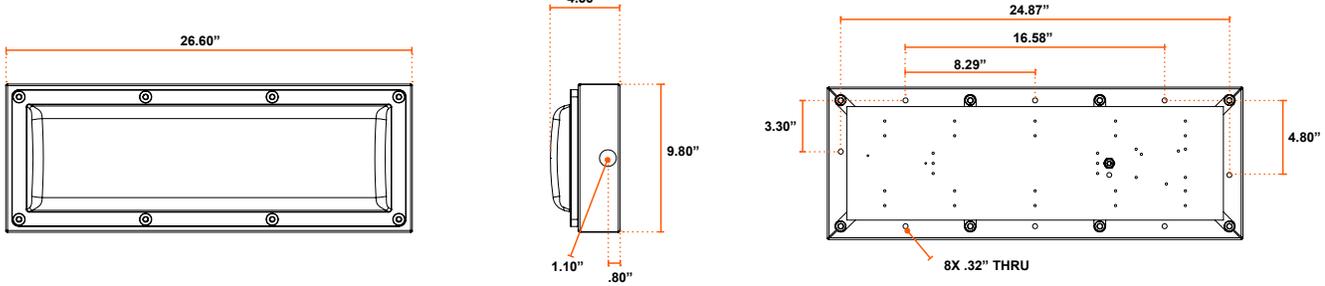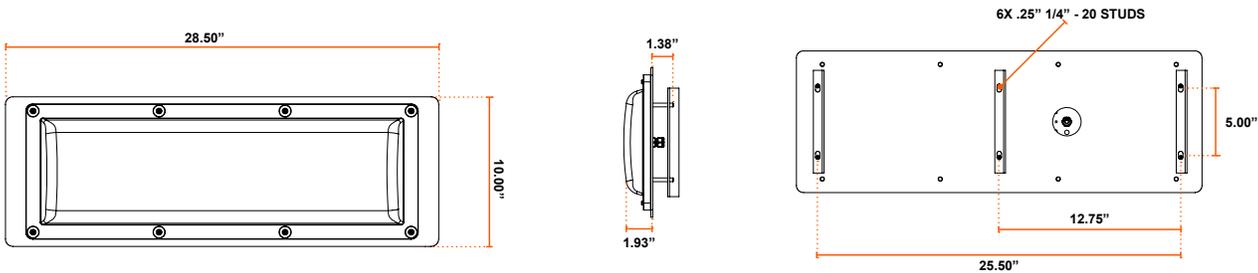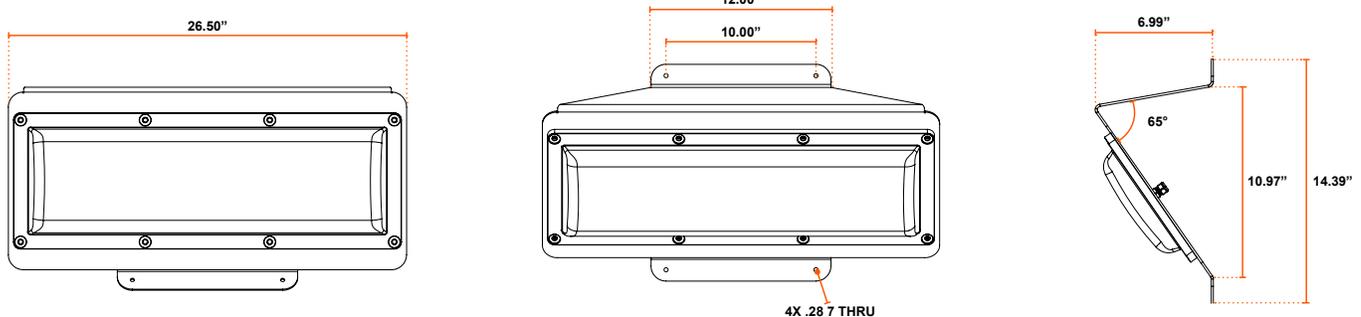
Linear Pro w/ D1 Plate
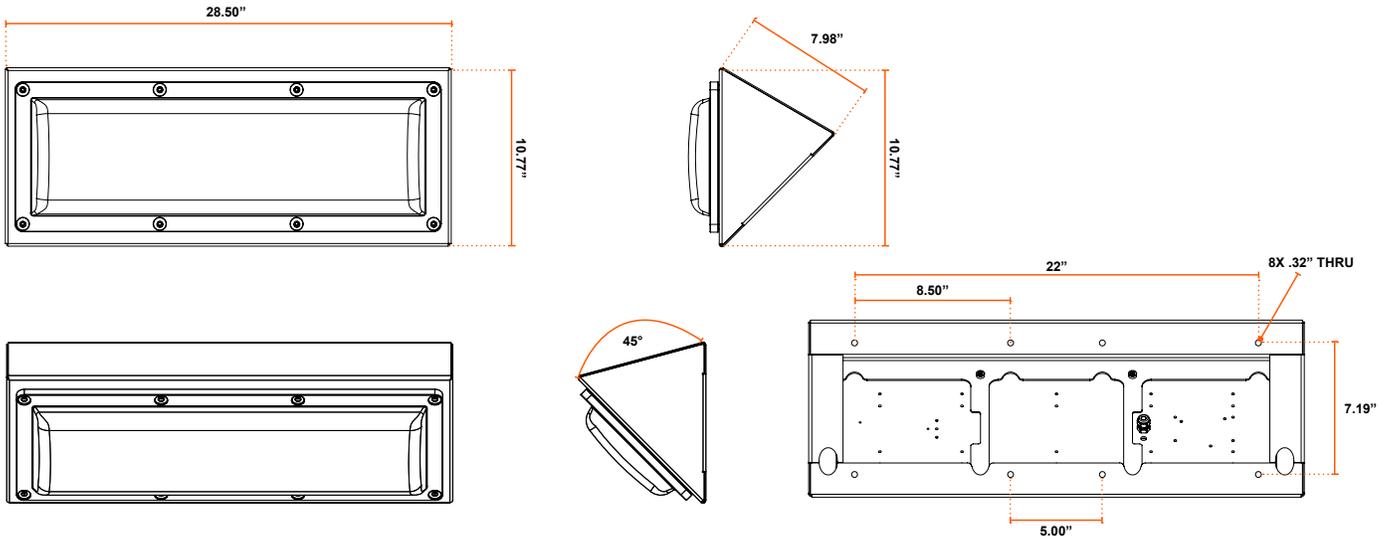
Photometric Data

Photometric Data

Watt	Lens Material	CCT	Lumens	Additional Info	IES File
34W	UR	4000K	3634	34W Linear Pro - 4000K CCT	LR-34W-4000K-N-UR
34W	UR	5000K	3838	34W Linear Pro - 5000K CCT	LR-34W-5000K-N-UR
40W	UR	4000K	4455	40W Linear Pro - 4000K CCT	LR-40W-4000K-N-UR
40W	UR	5000K	4417	40W Linear Pro - 5000K CCT	LR-40W-5000K-N-UR
80W	UR	4000K	8575	80W Linear Pro - 4000K CCT	LR-80W-4000K-N-UR
80W	UR	5000K	8542	80W Linear Pro - 5000K CCT	LR-80W-5000K-N-UR

Photometric Data - Count/Night Light - UR Lens

Watt.	Lense Material	CCT	Lumens	Additional Info.	IES File
10W	UR	2700K	838	Night Light Only	LR-10W-2700K-Y-UR
44W	UR	4000K	4440	34W Linear Pro - UR Lens - 4000K CCT W/ Night Light On	LR-24W-4000K-Y-UR
44W	UR	5000K	4626	34W Linear Pro - UR Lens - 5000K CCT W/ Night Light On	LR-24W-5000K-Y-UR
50W	UR	4000K	5252	40W Linear Pro - UR Lens - 4000K CCT W/ Night Light On	LR-24W-4000K-Y-UR
50W	UR	5000K	5218	40W Linear Pro - UR Lens - 5000K CCT W/ Night Light On	LR-32W-5000K-Y-UR
90W	UR	4000K	9961	80W Linear Pro - UR Lens - 4000K CCT W/ Night Light On	LR-32W-4000K-Y-UR
90W	UR	5000K	10014	80W Linear Pro - UR Lens - 5000K CCT W/ Night Light On	LR-32W-5000K-Y-UR

Shipping Dimensions

Product	Length	Width	Height	Weight
40W Linear Pro	28.1875"	12.125"	4.875"	15 lbs
40W Corner Linear	27.625"	7.5"	7.5"	20 lbs
80W Linear Pro	28.1875"	12.125"	4.875"	16 lbs
80W Corner Linear	27.625"	7.5"	7.5"	21 lbs
40W Linear Pro With P1 Plate	28.1875"	12.125"	4.875"	26 lbs
80W Linear Pro With P1 Plate	28.1875"	12.125"	4.875"	26 lbs
40W Linear Pro With D1 Box	28"	28"	10"	28 lbs
80W Linear Pro With D1 Box	28"	28"	10"	28 lbs
Items Shipped Seperately	**Length**	**Width**	**Height**	**Weight**
P5 Plate	28.1875"	12.125"	4.875"	8 lbs
Linear Pro Jbox	28.1875"	12.125"	4.875"	9 lbs
Linear Pro JT Box	28.1875"	12.125"	4.875"	9 lbs
Linear Pro J1 Box	28.1875"	12.125"	4.875"	9 lbs
Linear Pro J2 Box	28.1875"	12.125"	4.875"	9 lbs
Corrugated Plate	28.1875"	12.125"	4.875"	9 lbs