



IRONCLAD® GDL GENERAL DUTY LINEAR

The Ironclad® General Duty Linear light or G.D.L is designed primarily for larger areas in correctional and behavioral applications. The fixture's extreme low profile and compact housing is made to withstand abuse and features a rimless edge providing a rugged lighting solution.



Manufactured in America with globally and domestically sourced components



Ordering Chart Information

Example: 080-GDL-50-CM-Y-VH-PC-JB-SA-00-02

Wattage		Fixture	CCT		Mount	Count/Night Light		Voltage	Lens
040	40W	GDL General Duty Linear	30	3000K	CM Center	Y	Yes	VH 120 to 277 V	PC Polycarbonate
080	80W		40	4000K		N	No		
			50	5000K					
Accessory 1			Accessory 2			Accessory 3			Rev
00	None		00	None		00	None		02
CB	14ga Corner Box Kit		CF	Cinder Block Fasteners		B1	TBD Battery ¹		
JB	14ga Surface Box Kit		SA	Spike Anchors					
PM	Pendant Mount		TB	Tamperproof Bolts/Inserts					
SW	Sample Whip		MD	Hammer Drive					
S2	Sample Whip + Sample Hardware		MS	Metal Ceiling Screws					
1W	1 Foot Whip								
2W	2 Foot Whip								
DL	Ligature Resistant Downlight Box								
D1	Flattop Downlight Box								
PA	Corrugated Plate								
6W	6 Foot Whip								
2F	Longer Fixture Wires								
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: 4400 - 9100. lm, Count/Night Light 740 lm

Watts: 40W, 80W

Voltage: 120-277 VAC

Main Light CRI: 80

Night Light CRI: 90

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

Lens: Highly impact-resistant 1/4" thick polycarbonate with a minimum IK10 impact rating

Installation: Anchored flush onto ceiling with (10) spike anchors or optional recessed tamper-proof 1/4" stainless steel bolts or cinder block fasteners or optional pendant mount

Foot Candles: 35 ftc at the desk level; 22 ftc at MH of 8ft

Operating Temp: -20°C to 45°C

Dimensions: 24.25" long x 11.6" wide x 2.2" tall

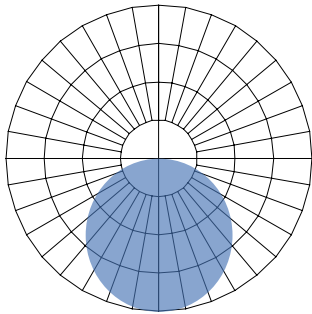
Specifications Continued

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

Features: Extreme Durability - hammer & knife tested. No areas to hide or conceal contraband

Warranty: 5-year limited warranty. Complete warranty terms located [here](#)

Photometric Data

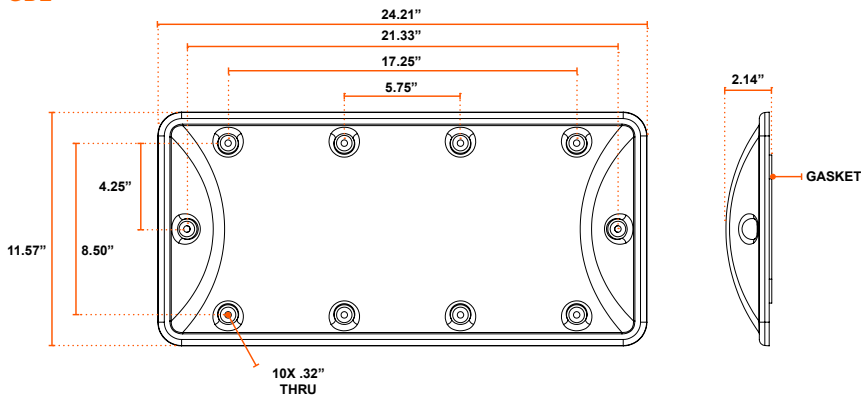


Indoor Report

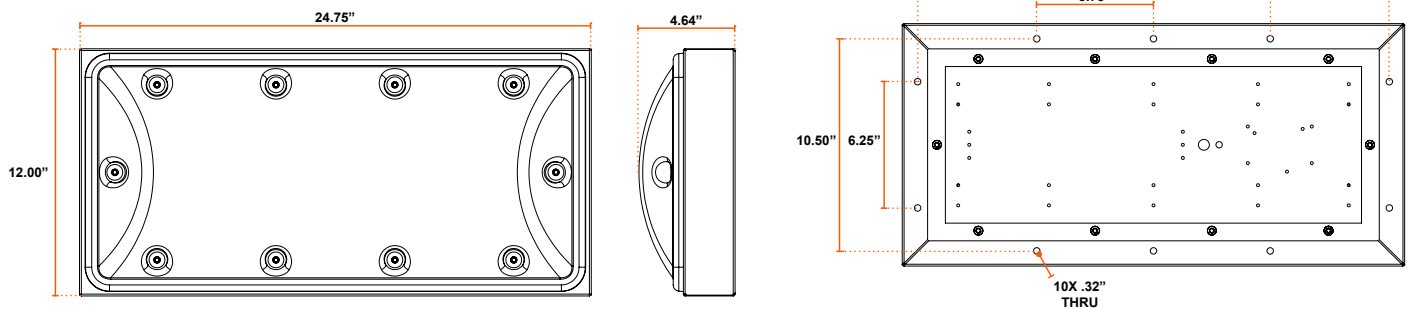
- Maximum Candela = 2964.66
- Luminaire Lumens = 9131

Dimensional Data

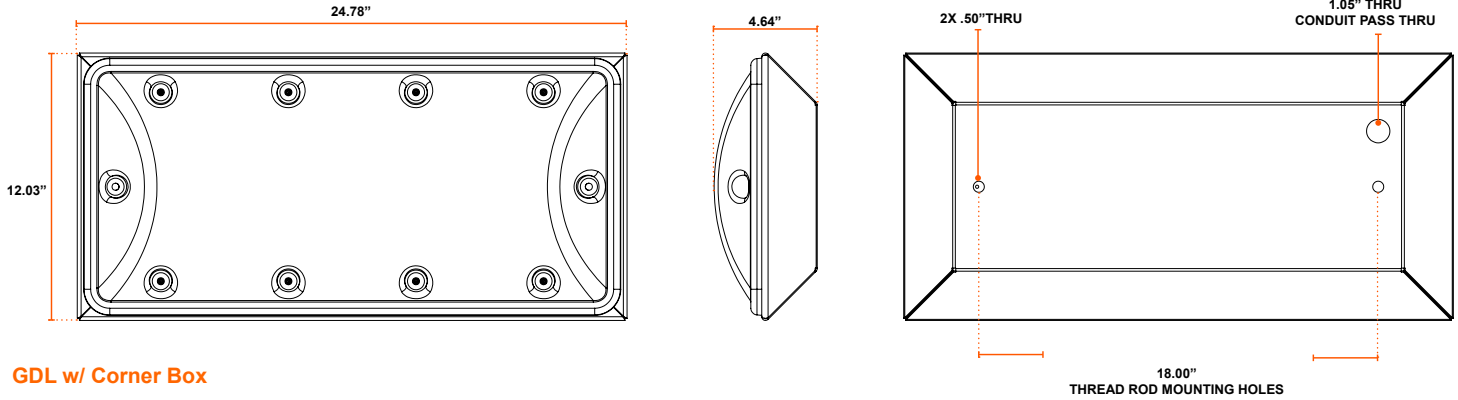
GDL



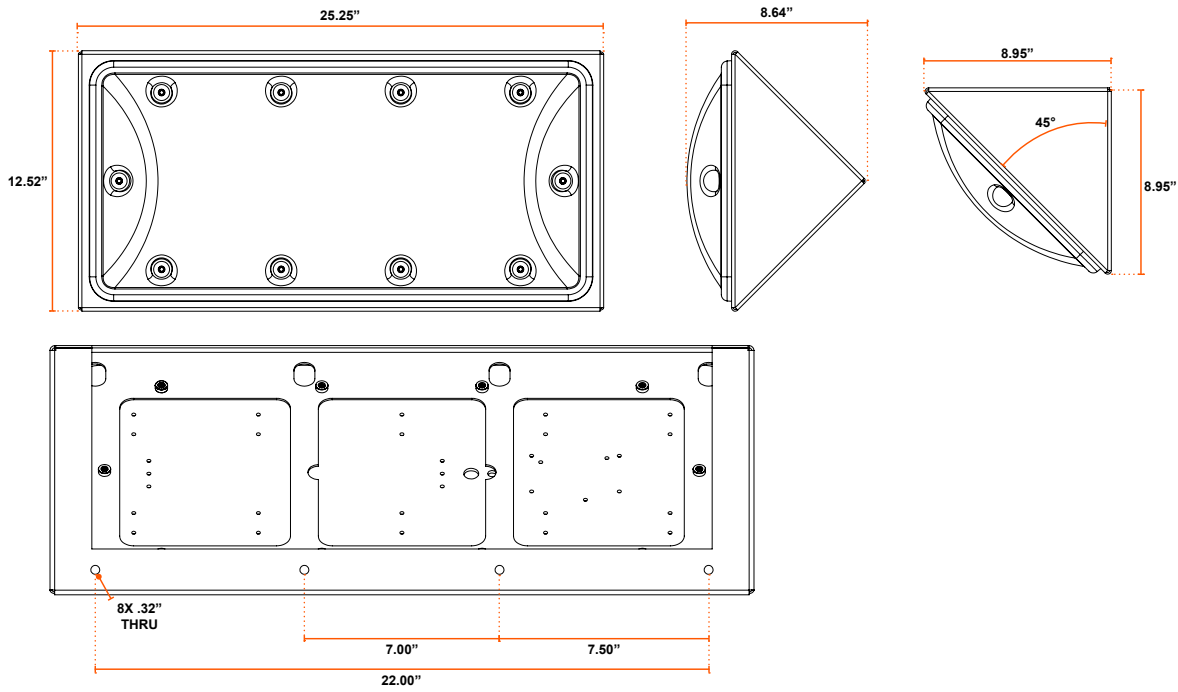
GDL w/ JBox



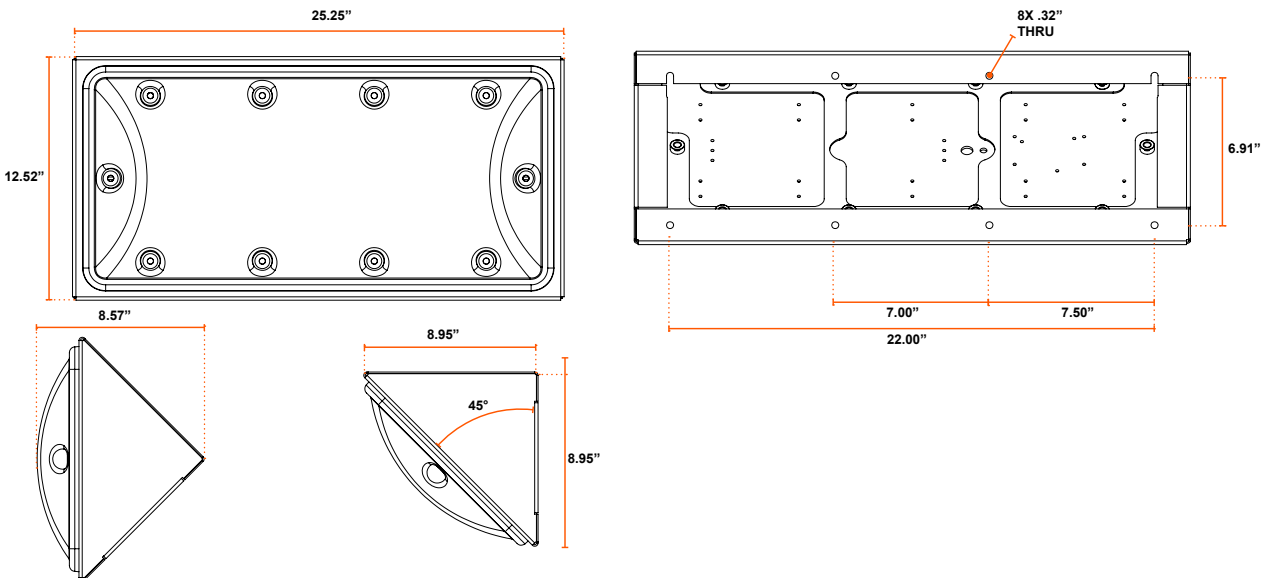
GDL w/ Pendant Mount



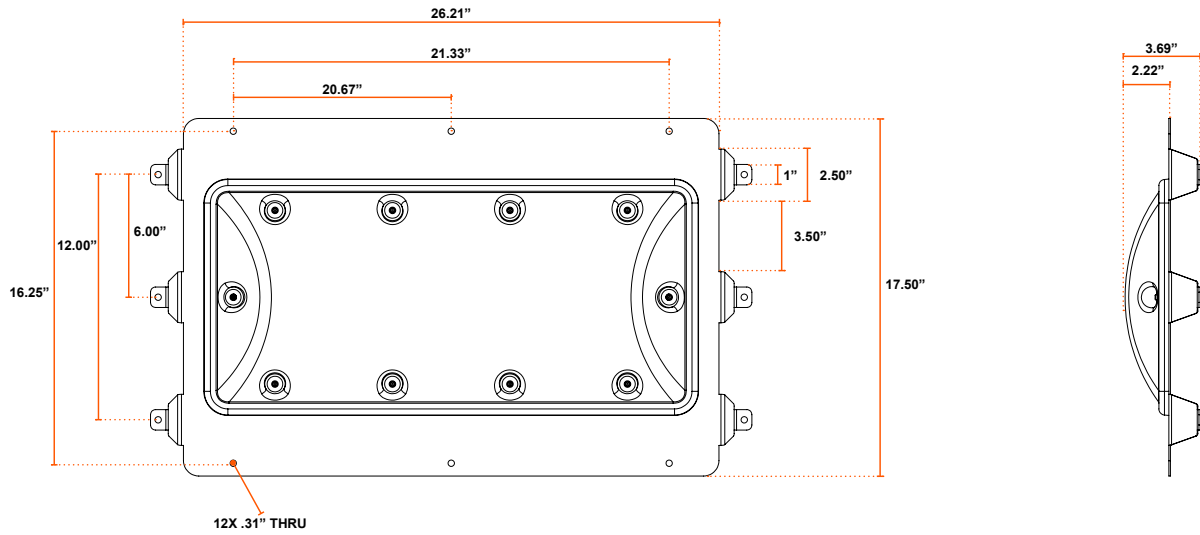
GDL w/ Corner Box



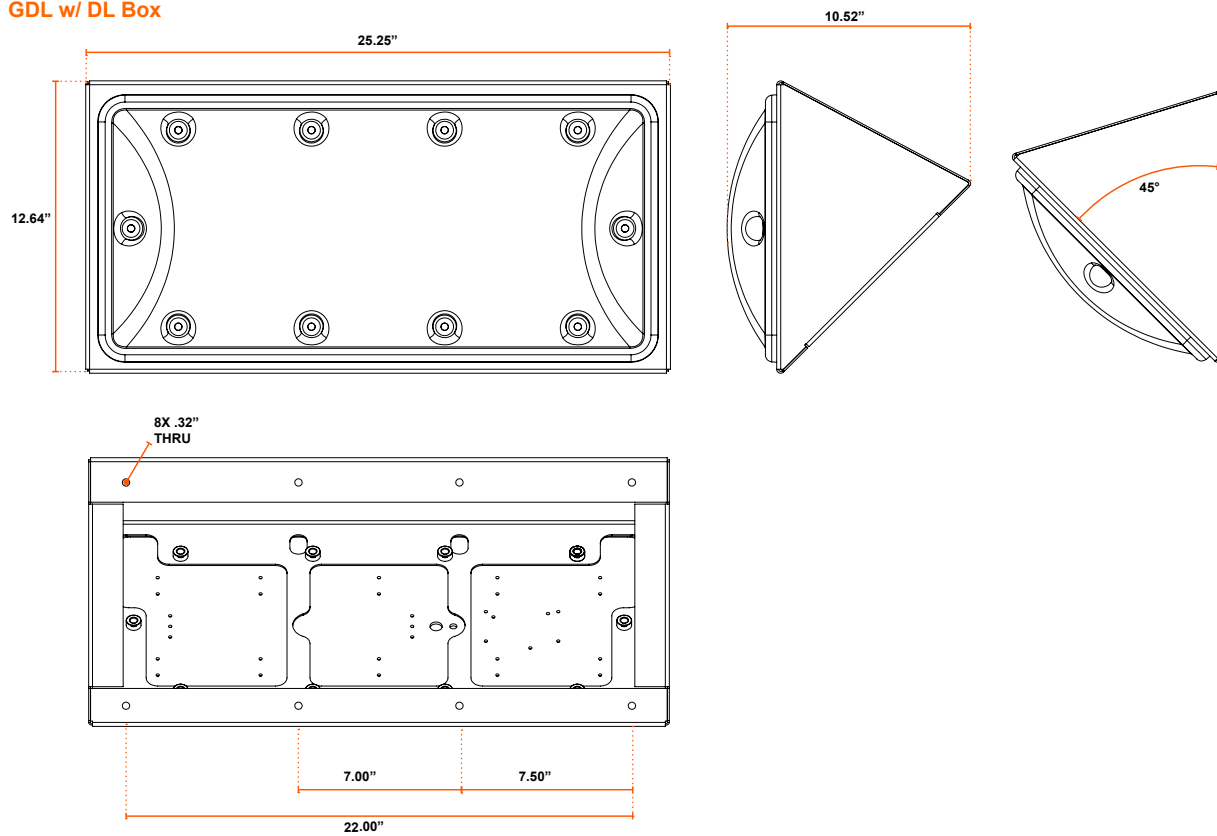
GDL w/ D1 Box



GDL w/ PA Corrugated Plate



GDL w/ DL Box



Photometric Data

Photometric Data

Watt	Lens Material	CCT	Lumens	Description	IES File
10W	PC	2700K	736	10W GDL - 2700K CCT - Night Light Only	GDL-10W-2700K-PC
40W	PC	3000K	4457	40W GDL - 3000K CCT	GDL-40W-3000K-PC
40W	PC	4000K	4359	40W GDL - 4000K CCT	GDL-40W-4000K-PC
40W	PC	5000K	4566	40W GDL - 5000K CCT	GDL-40W-5000K-PC
80W	PC	3000K	8978	80W GDL - 3000K CCT	GDL-80W-3000K-PC
80W	PC	4000K	8697	80W GDL - 4000K CCT	GDL-80W-4000K-PC
80W	PC	5000K	9131	80W GDL - 5000K CCT	GDL-80W-5000K-PC

Additional Photometric Data w/ Nightlight

Watt	Lens Material	CCT	Lumens	Description	IES File
50W	PC	3000K	5227	40W GDL - 3000K CCT W/ Night Light On	GDL-40W-3000K-Y-PC
50W	PC	4000K	5174	40W GDL - 4000K CCT W/ Night Light On	GDL-40W-4000K-Y-PC
50W	PC	5000K	5291	40W GDL - 5000K CCT W/ Night Light On	GDL-40W-5000K-Y-PC
90W	PC	3000K	9759	80W GDL - 3000K CCT W/ Night Light On	GDL-80W-3000K-Y-PC
90W	PC	4000K	9842	80W GDL - 4000K CCT W/ Night Light On	GDL-80W-4000K-Y-PC
90W	PC	5000K	9800	80W GDL - 5000K CCT W/ Night Light On	GDL-80W-5000K-Y-PC

Shipping Dimensions

Product	Length	Width	Height	Weight
40W GDL	28"	15"	5"	9 lbs
80W GDL	28"	15"	5"	10 lbs
Items Shipped Separately	Length	Width	Height	Weight
GDL Jbox	28"	15"	5"	10 lbs
GDL Corner Box	30"	9"	9"	10 lbs
GDL DL Downlight Box	30"	9"	9"	17 lbs
GDL D1 Box - Flattop DL Box	30"	9"	9"	15 lbs
GDL PM Pendant Mount Box	26"	15"	5"	14 lbs
GDL PA Corrugated Plate	30"	20"	4"	11 lbs