shat·r·shield

Project

Date

Type

IRONCLAD® GDA

GENERAL DUTY LED AREA LIGHT

The Ironclad® General Duty Area fixture or G.D.A is designed primarily for 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: 034-GDA-50-CL-N-VH-PC-00-CB-B1-01

GDA-N-VH-PC-01

Wattage	Fixture	CCT	Mount	Count/Night Light	Voltage	Lens	Hardware
	GDA			N	VH	PC	

034	34W	GDA General Duty Area	27	2700K	CL	Ceiling	N No	VH 120 to 277 V	PC Polycarbonate	00	None
042	42W		35	3500K	WL	Wall				SA	Spike Anchors
			40	4000K						TB	Tamperproof Bolts/Inserts
			50	5000K						CF	Cinder Block Fasteners
										MS	Metal Ceiling Screws

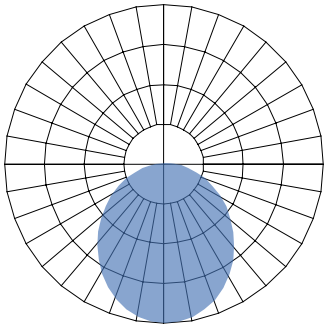
Accessory 1		Accessory 2		Rev
				01
00	None	00	None	01
CB	Corner Box Kit	B1	TBD Battery Requires JB or CB	
JB	Surface Box Kit			
P6	Plate			
P9	Thick Plate			
SW	Sample Whip			
S2	Sample Whip + Sample Hardware			

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

Specifications

Lumens: 3100 LM
Watts: 34W
Voltage: 120-277 VAC
LED Life: L70>54,000 Hours; Projected>100,000 Hours
Lens: Highly impact-resistant 1/4" thick polycarbonate with a minimum IK9 impact rating
Installation: Anchored flush onto ceiling with (8) recessed tamper-proof 1/4" stainless steel bolts or optional spike anchors or cinder block fasteners
Foot Candles: 30 fc at desk height, 15 fc at the floor w/MH 8 ft
Wiring: Hard wired direct to AC current; eliminating failure points via driver
Mounting: .125" aluminum heat sink to maintain thermal management
Dimensions: 13" diameter x 1.94" tall
Weight: 5 pounds
Color Temperatures: 5000K, 4000K, 3500K or 2700K
Features: Extreme Durability - hammer & knife tested. IK9. No areas to hide or conceal contraband
Warranty: 5-year limited warranty. Complete warranty terms located here

Photometric Data

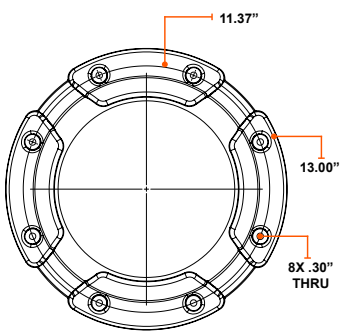


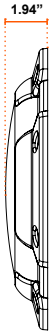
Indoor Report

- Maximum Candela = 1119.23
- Luminaire Lumens = 3074

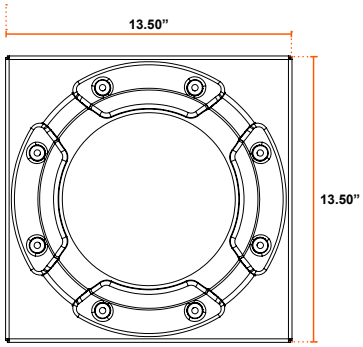
Dimensional Data

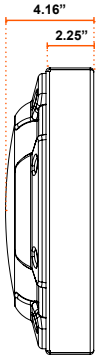
GDA

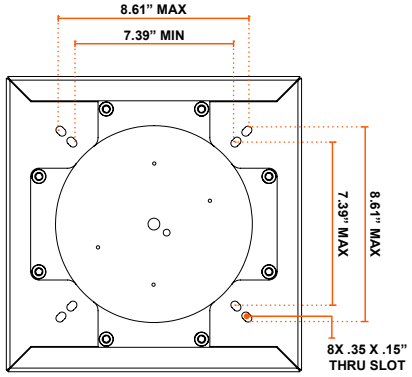




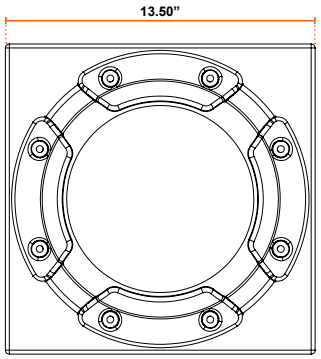
GDA w/ JBox

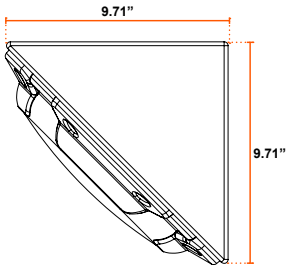


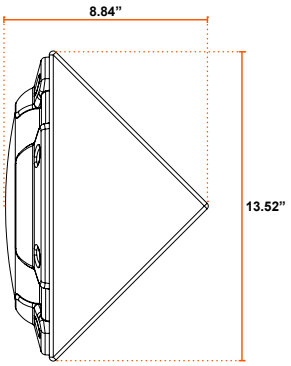


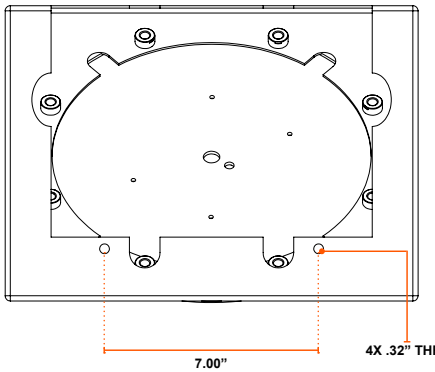


GDA w/ Corner Box



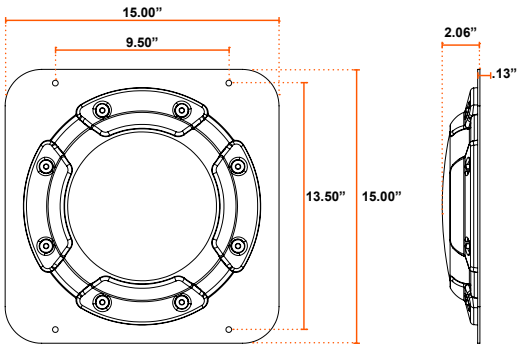




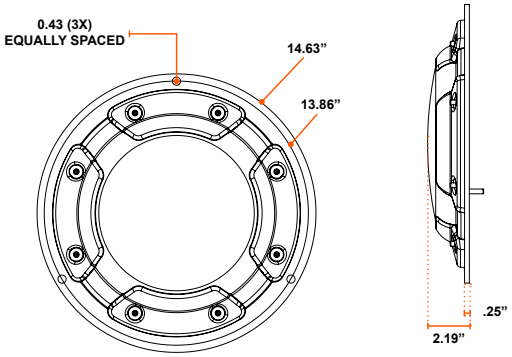


Dimensional Data (Continued)

GDA w/ P6 Plate



GDA w/ P9 Plate



Operational Data

Photometric Data 120 VAC - PC Lens

Watt.	CCT	Lumens	Description	IES File
34W	2700K	2593	GDA 34W 2700K CCT PC LENS ON 120VAC	GDA-34W-2700K-PC-120VAC.ies
34W	3500K	2672	GDA 34W 3500K CCT PC LENS ON 120VAC	GDA-34W-3500K-PC-120VAC.ies
34W	4000K	2857	GDA 34W 4000K CCT PC LENS ON 120VAC	GDA-34W-4000K-PC-120VAC.ies
34W	5000K	2809	GDA 34W 5000K CCT PC LENS ON 120VAC	GDA-34W-5000K-PC-120VAC.ies

Photometric Data 277 VAC - PC Lens

Watt.	CCT	Lumens	Description	IES File
34W	2700K	2780	GDA 34W 2700K CCT PC LENS ON 277VAC	GDA-34W-2700K-PC-277VAC.ies
34W	3500K	2862	GDA 34W 3500K CCT PC LENS ON 277VAC	GDA-34W-3500K-PC-277VAC.ies
34W	4000K	3065	GDA 34W 4000K CCT PC LENS ON 277VAC	GDA-34W-4000K-PC-277VAC.ies
34W	5000K	3074	GDA 34W 5000K CCT PC LENS ON 277VAC	GDA-34W-5000K-PC-277VAC.ies

Shipping Dimensions

Product	Length	Width	Height	Weight
GDA	16”	16”	5”	5 lbs
GDA w/ P6 Plate	16”	16”	5”	14 lbs
GDA w/ P9 Plate	16”	16”	5”	14 lbs
Items Shipped Separately	**Length**	**Width**	**Height**	**Weight**
JB Surface Box Kit	16”	16”	5”	9 lbs
CB Corner Box Kit	10”	10”	14”	9 lbs