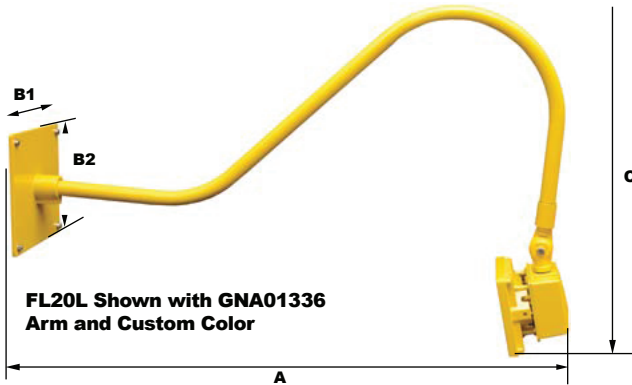


L70
25°C

128,000 Hours

FL20L Shown with GNA01336
Arm and Custom Color

DIMENSIONS

Base Length (B1)	8" (203mm)	See Page 2 for Fixture and Arm Dimensions
Base Height (B2)	8" (203mm)	
Length (A)	37" (939mm)	
Height (C)	19 3/4" (400mm)	

PRODUCT DESCRIPTION

The LEPA FL20 Gooseneck LED light flood luminaire is available with 5 Gooseneck arms of various lengths and is designed to replace HID lighting systems up to 70w MH or HPS. Typical lighting applications include retail centers, industrial parks, schools and universities, public transit and airports, office buildings and medical facilities. Designed for architectural wall mounting up to heights of 20 feet based on light level and uniformity requirements.

1. ORDERING INFORMATION- Select FL20L

EXAMPLE: FL20L1X18U5KCGNK



Model	Wattage	Driver	CCT	Color	Mounting
FL20L =Small LED Flood	1X18 =18w	U =120-277V	4K =4000K 5K =5000K	B =Black, RAL9011 P =Platinum, RAL9006 R =Red, RAL3020 W =White, RAL9016 C =Custom (Consult Factory)	GNK =1/2" NPS Knuckle with Fittings and 72" of Wire for Arm Feed Through to Wall Box.

2. ORDERING INFORMATION- Select Arm

Model	Length	Color	Mounting
GNA013 - Classic Hook	36 =36" 30 =30"	B =Black, RAL9011 P =Platinum, RAL9006 R =Red, RAL3020 W =White, RAL9016 C =Custom (Consult Factory)	S =Square Oversized Wall Mount R =Round Wall Mount N =No Wall Mount
GNA023 - Straight	30 =30" 24 =24" 18 =18" 12 =12"		
GNA033 - Straight Offset	30 =30" 24 =24"		
GNA043 - Straight Rise	30 =30"		
GNA053 - Round Hook	30 =30" 24 =24" 18 =18"		

Gooseneck Arm:

Construction

Heavy-Duty 3/4" Aluminum Arms with 3/4" NPS Threads on Fixture Mounting End.

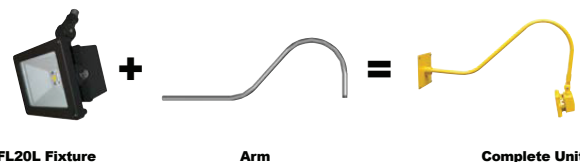
Finish

Powdercoat Finish Over a Chromate Conversion Coating. Custom Colors Available Upon Request.

Mounting Options

Mount with 3/4" Square or Round Mounting Plates

Specifications:

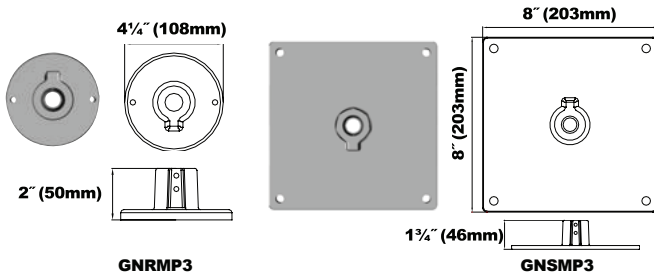


FL20L Fixture

Arm

Complete Unit

WALL PLATE DIMENSIONS



Replacement Wall Plates (Order Separately, Field Installed)

GNRMP3* Round Wall Mount Plate,
Powdercoat Finish.

GNSMP3* Square Oversized Wall Mount Plate,
Powdercoat Finish.

*Specify Color: B=Black, P=Platinum, R=Red,
W=White, C=Custom (Consult Factory)

ACCESSORIES/REPLACEMENT PARTS



FL20GTF*

Accessories (Order Separately, Field Installed)

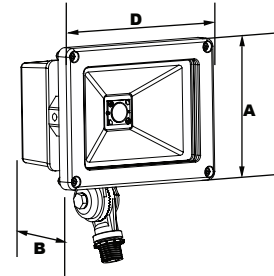
FL20GTF* Aluminum Glare Shield, Powdercoat Finish,
Includes Hardware

*Specify Color: B=Black, P=Platinum, R=Red, W=White,
C=Custom (Consult Factory)

FL20L DIMENSIONS



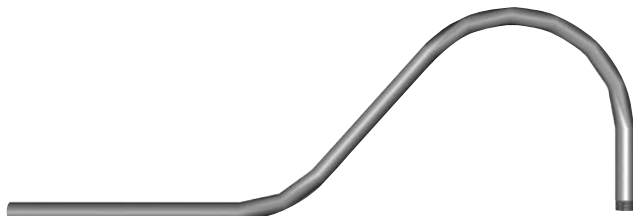
LED Small Flood



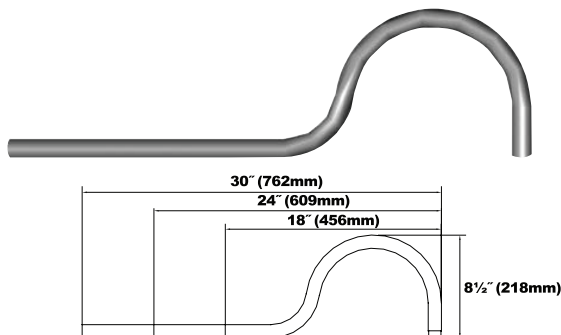
Dimensions

Width (D)	9 1/2" (240mm)
Length (B)	11 3/4" (299mm)
Height (A)	3 3/8" (92mm)

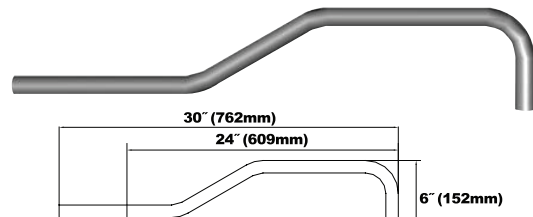
GOOSENECK DIMENSIONS



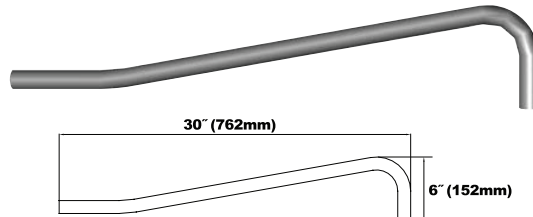
GNA01336P Classic Hook



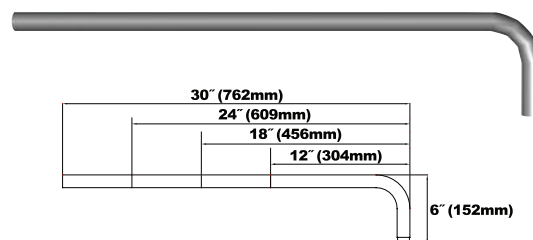
GNA05336P Round Hook



GNA03330P Straight Offset

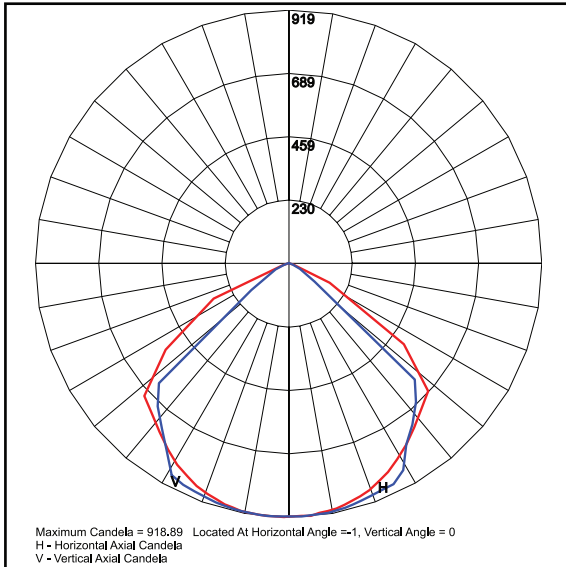


GNA04330P Straight Rise



GNA02330P Straight

PHOTOMETRIC DATA



FL20L1X18U5K
115°H x 100°V, NEMA 7H x 6V

PHOTOMETRIC PERFORMANCE

LED Board Watts	Drive Current (mA)	Input Watts	Beam	5000 CCT 80 CRI		4000 CCT 80 CRI	
				Lumens	LPW	Lumens	LPW
COB LED 18w	525	21	115°H x 100°V, NEMA 7H x 6V	2,324	111	2,300	110

PROJECTED LUMEN MAINTENANCE

Data shown for 5000 CCT			Compare to MH			
TM-21-11	Input Watts	Initial	25,000 Hrs	50,000 Hrs	100,000 Hrs	Calculated L70@ 25°C
L70 Lumen Maintenance @ 25°C / 77°F	21	1.00	0.94	0.88	0.77	128,000
TM-21-11	Input Watts	Initial	25,000 Hrs	50,000 Hrs	100,000 Hrs	Calculated L70@ 50°C
L70 Lumen Maintenance @ 50°C / 122°F	21	1.00	0.92	0.83	0.66	89,000
TM-21-11	Input Watts	Initial	25,000 Hrs	50,000 Hrs	100,000 Hrs	Calculated L80@ 40°C
L80 Lumen Maintenance @ 40°C / 104°F	21	1.00	0.93	0.86	0.72	71,000

NOTES:

1. Projected per IESNA TM-21-11. Data references the extrapolated performance projections for the 525mA base model in a 25°C ambient, based on 10,000 hours of LED testing per IESNA LM-80-08.
2. Compare to MH box indicates suggested Light Loss Factor (LLF) to be used when comparing to Metal Halide (MH) systems.