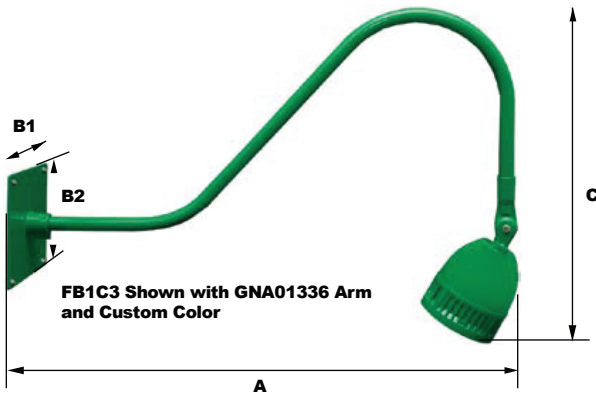




L70  
25°C

89,000 Hours



FB1C3 Shown with GNA01336 Arm and Custom Color

### DIMENSIONS

Base Length (B1)	8" (203mm)
Base Height (B2)	8" (203mm)
Length (A)	37" (939mm)
Height (C)	21" (535mm)

See Page 2 for  
Fixture and Arm  
Dimensions

### PRODUCT DESCRIPTION

The LEPC FB1 Gooseneck LEDlight flood luminaire is available with 5 Gooseneck arms of various lengths and is designed to replace HID lighting systems up to 100w 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.

### FEATURES

#### Housing

Die-Cast Gasketed Aluminum Housing and Front Frame with Integral Heat-Dissipating Fins for Thermal Management. Nickel-Plated Stainless Steel Hardware.

#### Listing & Ratings

CSA Listed for Wet Locations, ANSI/UL 1598, 8750  
IP66 Sealed LED Compartment

#### Finish

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

#### Lens

Tempered Clear Flat Glass Lens

#### Mounting

Adjustable Knuckle with 1/2" NPS Threads.

#### COB LED

Cool Copper COB

#### Wattage

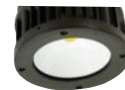
20w: COB: 20w, System: 21w(100w HID Equivalent)

#### Driver

Electronic Driver, 120-277V, 50/60Hz; Less Than 20% THD and PF>0.90. Standard Internal Surge Protection 2kV. 0-10V Dimming Standard for a Dimming Range of 100% to 10%; Dimming Source Current is 150 Microamps.

#### Warranty

5-Year Warranty for -40°C to +50°C Environment.  
See Page 3 for Projected Lumen Maintenance Table.



Shown with "B"  
100° Wide Optic Installed.



Shown with "D"  
30° Narrow Optic Installed.

### 1. ORDERING INFORMATION- Select FB1C3

EXAMPLE: FB1BC31X20U41KCGNKSP



Model	Optics	Wattage	Driver	CCT	Color	Mounting	Options
<b>FB1</b> =Turbine C <sup>3</sup> LED Bullet	<b>AC3</b> =NEMA 6H x 6V <b>BC3</b> =NEMA 6H x 6V <b>DC3</b> =NEMA 4H x 4V  *See Page 3 for Distribution Information.	<b>1X20</b> =20w	<b>U</b> =120-277V	<b>41K</b> =4100K	<b>B</b> =Black, RAL9011 <b>P</b> =Platinum, RAL9006 <b>R</b> =Red, RAL3020 <b>W</b> =White, RAL9016 <b>C</b> =Custom (Consult Factory)	<b>GNK</b> =1/2" NPS Knuckle with Fittings and 72" of Wire for Arm Feed Through to Wall Box.	<b>SF</b> =Single Fuse <b>DF</b> =Double Fuse <b>SP</b> =Surge Protection

### 2. ORDERING INFORMATION- Select Arm

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

#### Construction

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

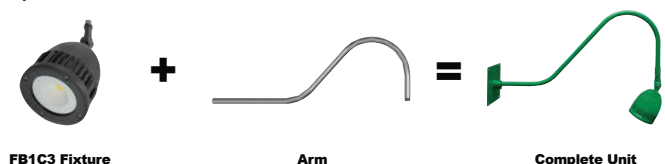
#### Finish

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

#### Mounting Options

Mount with 3/4" Square or Round Mounting Plates

#### Specification Guide:

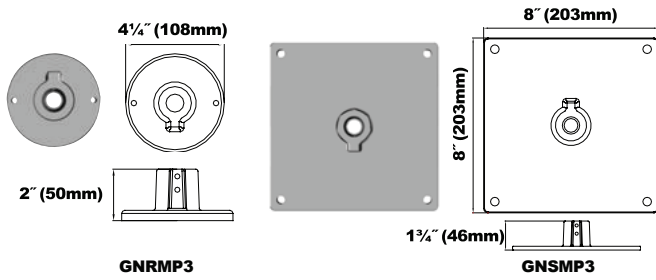


FB1C3 Fixture

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



**FB1V\***

\*Shown Mounted

#### Accessories (Order Separately, Field Installed)

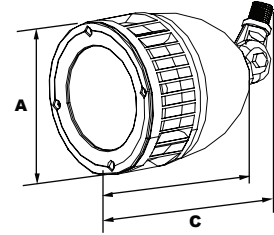
FB1V\* Die-Cast Rotatable Visor, Powdercoat Finish.

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

### FB1C3 DIMENSIONS



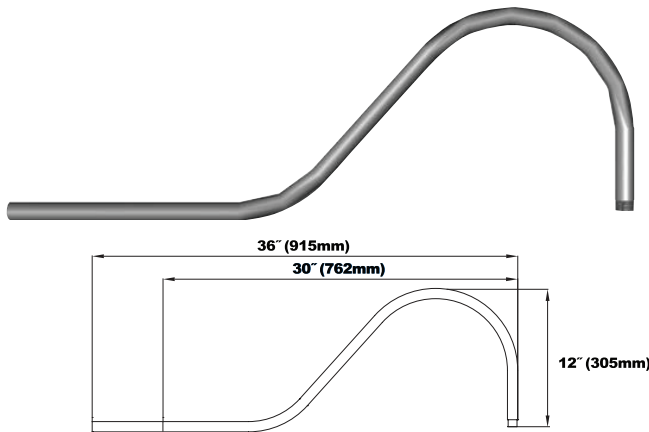
**Turbine C<sup>3</sup> LED  
Bullet Flood Light**



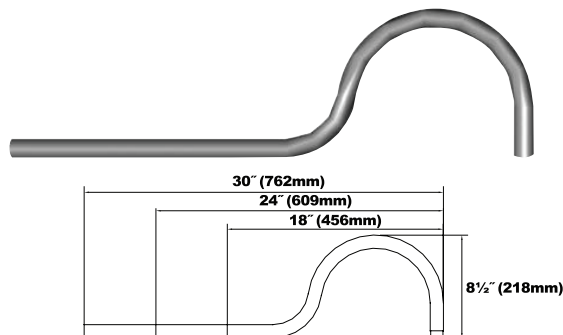
#### Dimensions

<b>Width (D)</b>	6 1/4" (160mm)
<b>Length (C)</b>	9 1/4" (235mm)
<b>Diameter (A)</b>	5 3/4" (146mm)

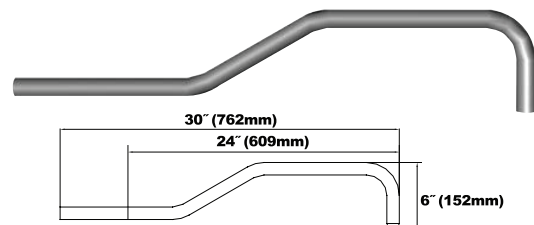
### GOOSENECK DIMENSIONS



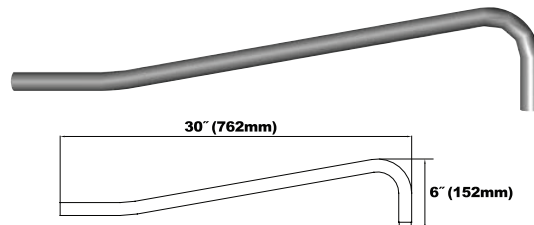
**GNA01336P Classic Hook**



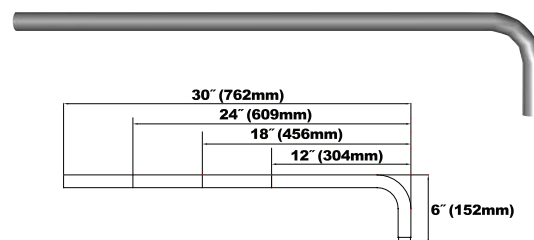
**GNA05336P Round Hook**



**GNA03330P Straight Offset**

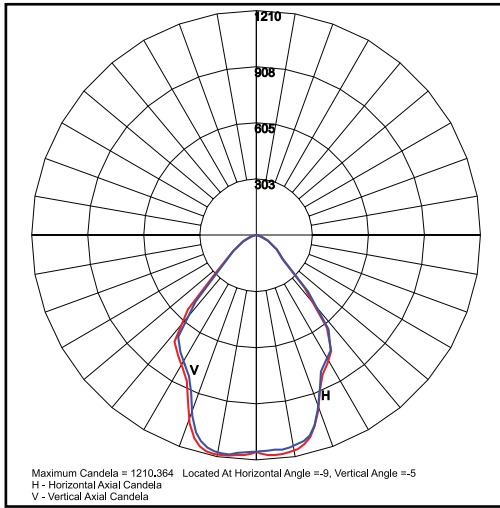


**GNA04330P Straight Rise**

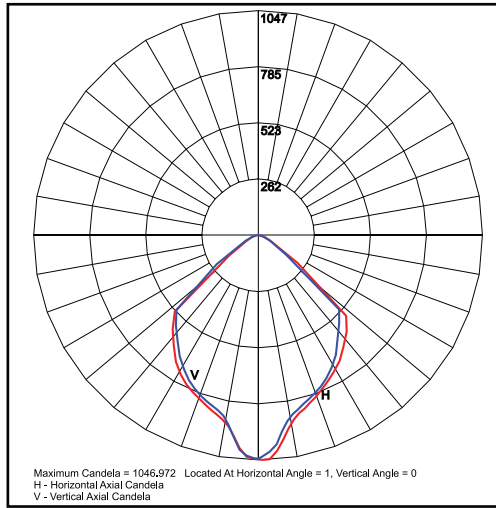


**GNA02330P Straight**

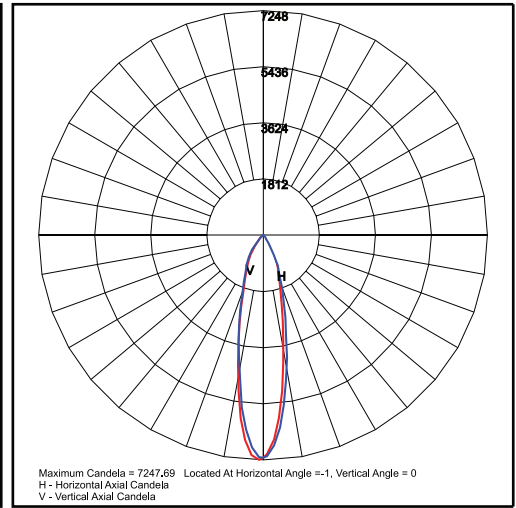
### PHOTOMETRIC DATA



**FB1AC31X20U41K**  
70°H x 70°V Beam, NEMA 6H x 6V



**FB1BC31X20U41K**  
100°H x 100°V Beam, NEMA 6H x 6V



**FB1DC31X20U41K**  
25°H x 25°V Beam, NEMA 4H x 4V

### PHOTOMETRIC PERFORMANCE

PHOTOMETRIC PERFORMANCE						4100 CCT 80 CRI	
LED COB Watts	Drive Current (mA)	Input Watts		Optic	Beam	Lumens	LPW
COB LED 21w	525	21	A	70°, Medium Optic	70°H x 70°V, NEMA 6H x 6V	2,372	113
		21	B	100°, Wide Optic	100°H x 100°V, NEMA 6H x 6V	2,336	111
		21	D	30°, Narrow Optic	25°H x 25°V, NEMA 6H x 6V	2,326	111

### 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	0.92	0.83	0.66	89,000
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	0.90	0.81	0.62	78,000
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	72,000

#### NOTES:

- 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.
- Compare to MH box indicates suggested Light Loss Factor (LLF) to be used when comparing to Metal Halide (MH) systems.