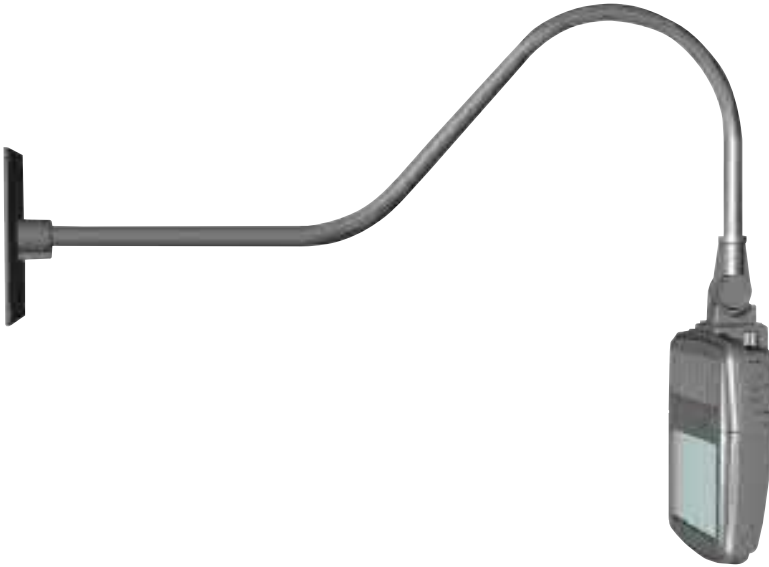




**GOOSENECKS**

**L70**  
 25°C  
 320,000 Hours



Pemco's SWAN5 Gooseneck LED light flood luminaire is available in two wattages with 5 Gooseneck arms of various lengths, and optical distributions designed to be placed in HID lighting systems from 70w to 175w MH or HPS. Typical lighting applications include retail centers, industrial parks, schools and universities, public transit and airports, signage, office buildings and medical facilities. Designed for architectural wall mounting up to heights of up to 20 feet based on light level and uniformity requirements.

**SWAN5 Specifications and Features:**

**Housing:**

Die Cast Aluminum Housing and Front Frame, Integral Heat Sinking and Driver Compartment. Photocell Adaptable. 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 or SoftLED Flat Glass Lens

**Mounting:**

Adjustable Knuckle with 1/2" NPS Threads.

**EasyLED LED:**

Aluminum Boards

**Driver:**

Electronic Driver, 120-277V, 50/60Hz or 347V, 50/60Hz (37w Model Only); Less Than 20% THD and PF>0.90. Standard Internal Surge Protection is 2kV for 22w, 6kV for 37w. 0-10V Dimming Standard for a Dimming Range of 100% to 10%; Dimming Source Current is 150 Microamps.

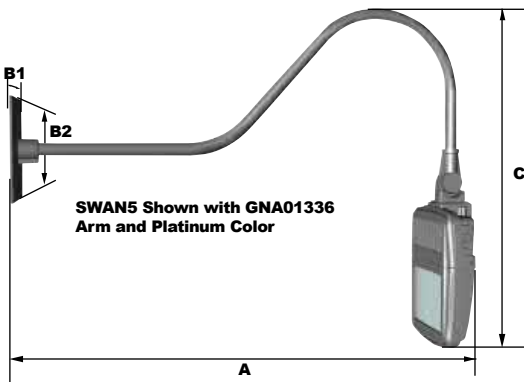
**Controls:**

Fixtures Ordered with Factory-Installed Photocell or Motion Sensor Controls are Internally Wired for Switching and/or 1-10V Dimming Within the Housing. Remote Wired Interface of 1-10V Dimming is Not Implied and May Not Be Available, Please Consult Factory. Fixtures are Tested with LEPC Controls and May Not Function Properly With Controls Supplied By Others. Fixtures are NOT Designed for Use with Line Voltage Dimmers.

**Warranty:**

5-Year Warranty for -40°C to +50°C Environment.

See Page 4 for Projected Lumen Maintenance Table.



Dimensions	
Base Length (B1)	8" (203mm)
Base Height (B2)	8" (203mm)
Length (A)	37" (939mm)
Height (C)	28 1/2" (724mm)

**See Page 3 for Fixture and Arm Dimensions**

**Gooseneck Arm Specifications and Features:**

**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.





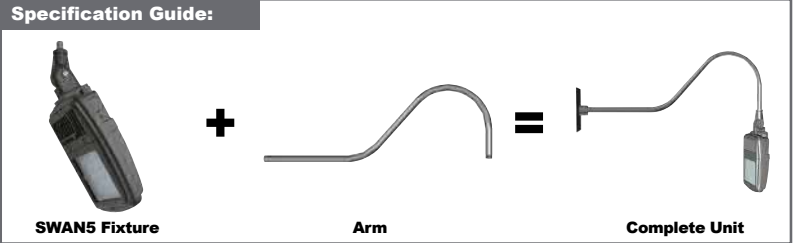
## GOOSENECKS

### Step 1: Select SWAN5 Luminaire

Order Information Example:		SWAN5F1X37U5KCPGNKSP						
SWAN5		GNK						
Model	Beam	Wattage	Driver	CCT	Lens	Color	Mounting	Options
SWAN5= Swan5 Gooseneck	C=NEMA 7H x 7V F=NEMA 7H x 7V I=NEMA 4H x 4V*  *Use with 5K Model Only. See Page 3 for Distribution Information.	1X22=22w 1X37=37w	U=120-277V H=347-480V*  *37w Model Only.	3K=3000K* 4K=4000K* 5K=5000K  *37w F Optic or 22w C Optic *Use with C & F Optic Only.	C=Standard Clear Flat Glass Lens S=SoftLED Flat Glass Lens*  *Use with F Optic Only.	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.	SF=Single Fuse (120-277V Only) DF=Double Fuse (120-277V Only) SP=Surge Protection

### Step 2: Select Arm

Order Information Example:		GNA01336PS		
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"			



### Accessories & Replacement Parts



P18100 & P18103



KH15GS



KH15WG\*

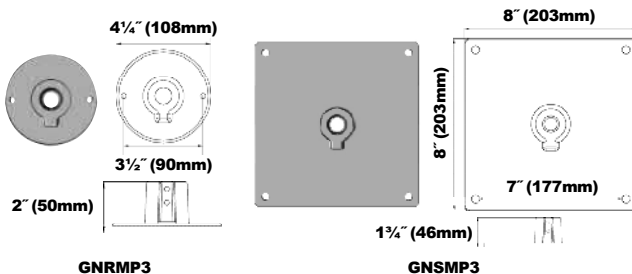
\*Shown Mounted

Accessories (Order Separately, Field Installed)	
P18100	120VAC Photocell
P18103	120-277VAC Photocell
KH15GS*	Aluminum Glare Shield, Powdercoat Finish, Includes Hardware.
KH15WG	Wire Guard, Stainless Steel Construction, Includes Hardware.

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

Replacement Parts (Order Separately, Field Installed)	
KH15GL	Tempered Clear Flat Glass Lens.
KH15GLSS	SoftLED Flat Glass Lens

### 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)

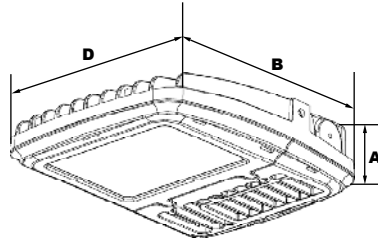


**GOOSENECKS**

**SWAN5 Dimensions:**



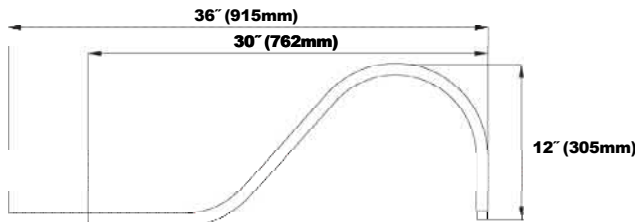
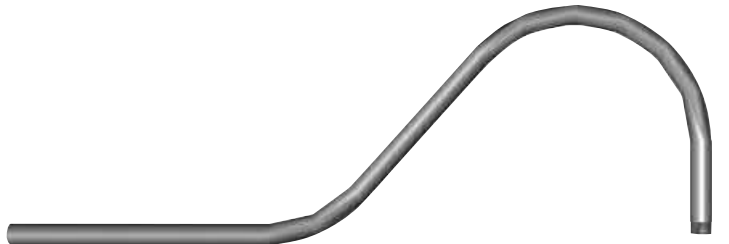
SWAN5



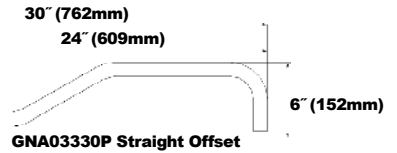
**Dimensions**

<b>Width (D)</b>	9½" (240mm)
<b>Length (B)</b>	11¼" (299mm)
<b>Height (A)</b>	3¾" (92mm)

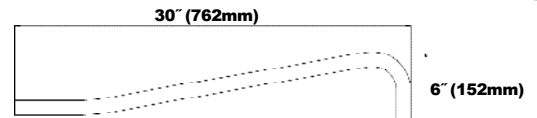
**Gooseneck Dimensions**



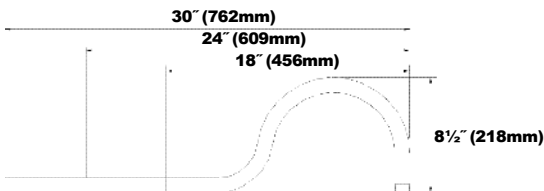
GNA01336P Classic Hook



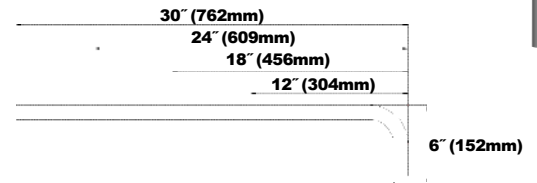
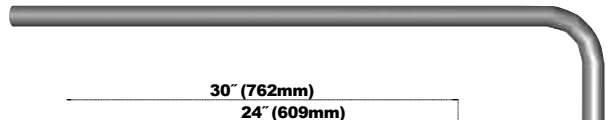
GNA03330P Straight Offset



GNA04330P Straight Rise



GNA05336P Round Hook

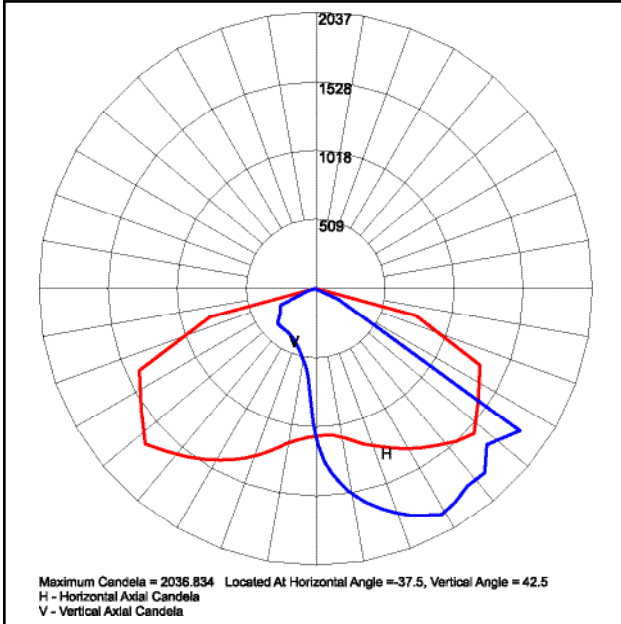


GNA02330P Straight

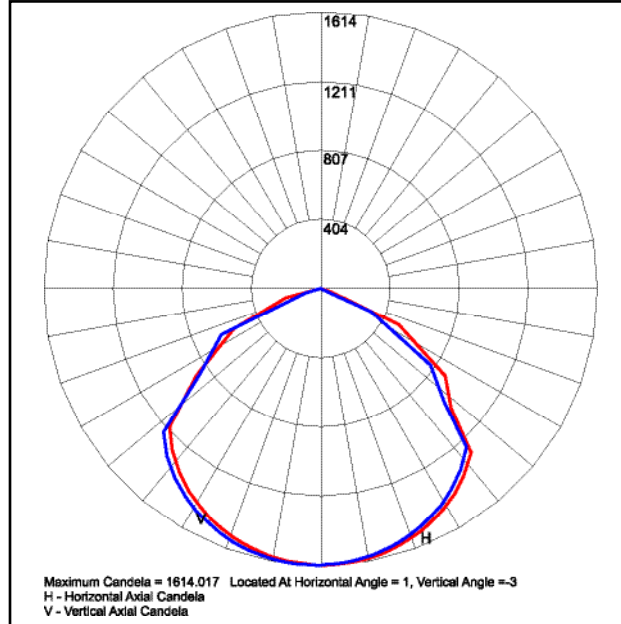


## GOOSENECKS

### Photometric Data



**SWAN5C1X37U5KC**  
120°H x 70°V, NEMA 7H x 7V



**SWAN5F1X37U5KC**  
115°H x 110°V, NEMA 7H x 7V

### Photometric Performance

LED Board Watts	Drive Current (mA)	Input Watts	Optics	5000 CCT 80 CRI		4000 CCT 80 CRI		3000 CCT 80 CRI	
				Lumens	LPW	Lumens	LPW	Lumens	LPW
EasyLED 22w	525	25	C 120°H x 70°V, NEMA 7H x 7V	2,854	115	2,747	111	2,640	106
			D 110°H x 30°V, NEMA 6H x 5V	2,402	97	2,312	93	-	-
			I 30°H x 30°V, NEMA 4H x 4V	2,723	110	-	-	-	-
EasyLED 37w	525	41	C 120°H x 70°V, NEMA 7H x 7V	4,800	117	4,620	113	-	-
			F 115°H x 110°V, NEMA 7H x 7V	4,623	113	4,450	109	-	-
			I 30°H x 30°V, NEMA 4H x 4V	4,581	112	-	-	-	-

### Projected Lumen Maintenance

Data shown for 5000 CCT TM-21-11	Input Watts	Compare to MH				Calculated LED Life
		Initial	25,000 Hrs	50,000 Hrs	100,000 Hrs	
L70 Lumen Maintenance @ 25°C / 77°F	All wattages up to and including 41w	1.00	0.98	0.95	0.91	320,000
L70 Lumen Maintenance @ 50°C / 122°F		1.00	0.95	0.89	0.79	141,000
L80 Lumen Maintenance @ 40°C / 104°F		1.00	0.96	0.93	0.85	134,000

#### 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.