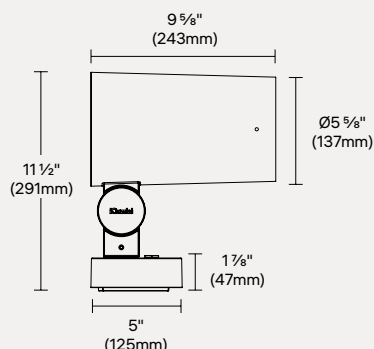


# PALCO INOUT 5

## Projector - Integral

Project: \_\_\_\_\_

Type: \_\_\_\_\_



Palco InOut is a family of outdoor projector for architectural and landscape lighting applications. Engineered for extreme conditions Palco performs in all climates and in all environments. Palco is equipped with proprietary high performance optics that deliver an extensive choice of light distributions.

### PHOTOMETRIC SUMMARY

Output	Optic	Lumens (lm)	Efficacy (lm/W)	Max Candela (cd)
HO	MD - 18°	2 607	99	17 246
HO	FL - 28°	2 607	99	9 593
VHO	WF - 41°	3 002	93	6 301
VHO	VWF - 79°	3 419	106	2 606

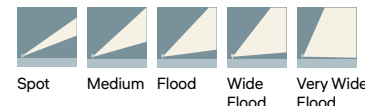
For 3000K, 80CRI. Consult [page 7](#) for full photometric data.

### FINISH OPTIONS



Consult factory for custom finishes

### OPTIC OPTIONS



### FEATURES

- Pole specification [page 2](#)
- Vertical or horizontal surface [page 3](#)
- 0-10V dimming down to 10%
- Additional sizing available with integral driver: [3 \(Ø3 1/4"\)](#), [4 \(Ø4 1/16"\)](#) & [6 \(Ø6 1/16"\)](#)
- Additional sizing available with remote driver: [1 \(Ø1 3/16"\)](#), [2 \(Ø2"\)](#) & [3 \(Ø3 1/4"\)](#)
- Consult factory for further customization
- Full specification available [page 5](#)



### ORDERING INFO

PRODUCT CODE

EXAMPLE: IPLCIO-L-BO-830-MD-UNV-01-D10

MODEL	SIZE	OUTPUT <sup>1</sup>	LED	OPTIC	VOLTAGE	FINISH	DIMMING <sup>5</sup>
IPLCIO Palco InOut	L Palco InOut 5 Ø5 5/8" (137mm)	HE <sup>2</sup> High Efficiency (16.9W)	830 3000K, 80CRI	SP Spot 9°	UNV 120-277V	01 White	D10 0-10V (down to 10%)
		BO <sup>3</sup> Base Output (19.7W)	840 4000K, 80 CRI	MD Medium 18°		02 Black	
		HO <sup>3</sup> High Output (26.2W)		FL Flood 28°		15 Gray	
		VHO <sup>4</sup> Very High Output (32W)		WF Wide Flood 41°		F5 Rust Brown	
				VWF Very Wide Flood 79°		RAL# <sup>6</sup> Custom RAL	

<sup>1</sup> See [page 5](#) for operating temperatures.

<sup>2</sup> Only available with Spot (SP) optic.

<sup>3</sup> Available with Medium (MD) and Flood (FL) optics only.

<sup>4</sup> Available with Wide Flood (WF) and Very Wide Flood (VWF) optics only.

<sup>5</sup> The dimming levels will vary depending on the dimmer used and the number of luminaires on the line.

<sup>6</sup> Additional fees may apply for custom finish. Contact factory for details.

### ACCESSORIES

To be ordered separately.

CONNECTION ACCESSORY CODE

EXAMPLE: IX564

### CONNECTION ACCESSORIES

More information available on [page 3](#).

**IX564**  
Male connector

**IX565**  
Female connector

**IX567**  
Distributor block, (1x  
male in / 2x female out)

OPTIC ACCESSORY CODE

EXAMPLE: IX302-01 + IX310 + IX314

### OPTIC ACCESSORIES

Available optic accessories are available on [page 4](#).

# PALCO INOUT 5

## Projector - Integral

Project: \_\_\_\_\_  
Type: \_\_\_\_\_

### POLE SPECIFICATION

To be ordered separately.  
For installation consult instruction sheet.

#### POLE SPECIFICATION

##### iGuzzini Pole

**Diameter** Ø4" (Ø 102mm)  
**Shape** Round  
**Model** Straight  
**Installation** Anchor bolts  
**Access Door** Included

##### Supplied by other

Pole provided by another manufacturer

##### Height

ft

##### Finish

01 - White RAL9016\*

02 - Black RAL9005\*

##### Material

Aluminum

15 - Gray RAL9007\*

F5 - Rust Brown RAL8017\*

Galvanized Steel

RAL# Enter custom RAL

\* We provide RAL numbers that are similar, but we cannot guarantee an exact color match. For a more accurate color and gloss match, please contact customer service for a sample chip.

### POLE-MOUNTED ACCESSORIES

To be ordered separately.  
For installation, consult instruction sheet.  
Pole Ø: 4" (102mm).



**Palco InOut 5 (L)**  
EPA 0.65ft² (0.06m²)

To have the total EPA, add all the EPA values for each items in the composition.

#### FINISH

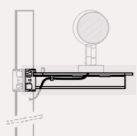
**01**  
White

**02**  
Black

**15**  
Gray

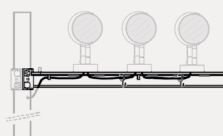
**F5**  
Rust Brown

#### POLE INSTALLATION WITH ARMS



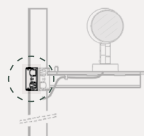
**IX568**  
Arm for 1 floodlight

**Length** 19 ¼" (488mm)  
**Weight** 11.11lb (5.04kg)  
**EPA** 0.33ft² (0.031m²)



**IX570**  
Arm for 2/3 floodlights

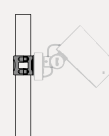
**Length** 37 ¼" (946mm)  
**Weight** 18.14lb (8.23kg)  
**EPA** 0.64ft² (0.060m²)



**I6161**  
Counter Flange

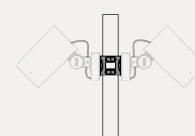
**Weight** 4.76lb (2.16kg)  
**EPA** 0.064ft² (0.006m²)

#### POLE INSTALLATION WITH FLANGES



**IX417**  
Flange for 1 floodlight

**Weight** 3.52lb (1.60kg)  
**EPA** 0.22ft² (0.020m²)



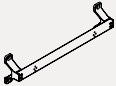
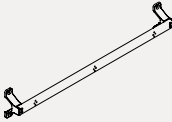
**IX419**  
Flange for 2 floodlights

**Weight** 3.75lb (1.7kg)  
**EPA** 0.23ft² (0.021m²)

MULTI SUPPORT



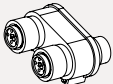
To be ordered separately.  
For installation, consult instruction sheet.

FINISH			
<b>01</b> White	<b>02</b> Black	<b>15</b> Gray	<b>F5</b> Rust Brown

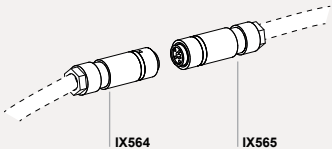
MULTI SUPPORT	
 <b>I6014</b> For 2 floodlights  <b>Dimensions</b> 37 7/8 x 9 1/4 x 5 1/2" (962 x 236 x 141mm)	 <b>I6015</b> For 3 floodlights  <b>Dimensions</b> 61 1/4 x 9 1/4 x 5 1/2" (1560 x 236 x 141mm)

CONNECTION ACCESSORIES

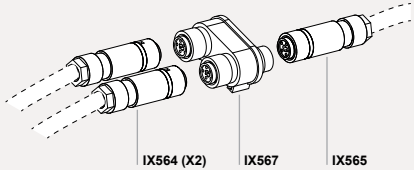
To be ordered separately.  
For available configurations and details on installation, consult the instruction sheet.

WATERPROOF IP68 FIELD CONNECTOR		
For Ø 0.25"- 0.5" (7.1-13mm) cable, 5poles 16-22 AWG conductors No finish option available.		
 <b>IX564</b> Male connector, 250/400V.  For multiple connection, order 2 male connectors	 <b>IX565</b> Female connector, 250/400V.	 <b>IX567</b> Distributor block, 250/400V. (1x male in / 2x female out)

**SINGLE CONNECTION**



**MULTIPLE CONNECTION**



OPTICAL ACCESSORIES


To be ordered separately.

OPTICAL ACCESSORY CODE


EXAMPLE: IX302-01 + IX310 + IX314

OPTICAL ACCESSORIES - WITH SUPPORT FRAME


REQUIRED SUPPORT FRAME




**IX302-01**  
Support Frame  
Color White



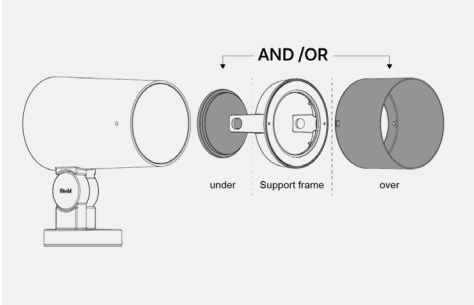
**IX302-02**  
Support Frame  
Color Black



**IX302-15**  
Support Frame  
Color Gray




**IX302-F5**  
Support Frame  
Color Rust Brown




AND / OR  
under Support frame over


UNDER SUPPORT FRAME OPTICAL ACCESSORIES (1X MAX)



**IX310**  
Refractor for Elliptical Distribution




**IX312**  
Diffuser Glass




**IX308**  
Honeycomb Louver

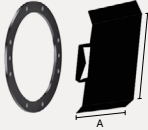
OVER SUPPORT FRAME OPTICAL ACCESSORIES (1X MAX)




**IX314**<sup>1</sup>  
Blade Louver  
Color Black




**IX318**  
Protective Grid



**IX321 + IX316**  
Horizontal Frame + Directional Flap  
Enter QTY (max. 4 Flaps)  
Color Black  
A 3 5/8" (91mm)  
B 4 5/8" (117mm)



**IX304**  
Short Snoot  
Color Black  
Length 4 5/8" (118mm)




**IX306**  
45° Short Snoot  
Color Black  
Length 6" (150mm)


1 Cannot be combined with Diffuser Glass

OPTICAL ACCESSORIES - STAND-ALONE

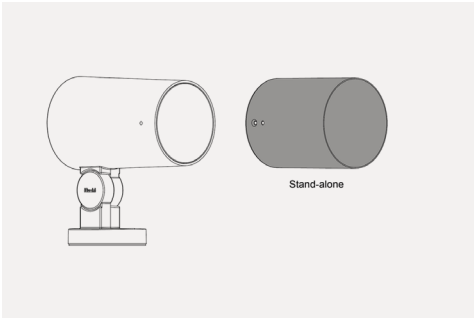
STAND-ALONE ACCESSORIES



**IX543**  
Long Snoot  
Color Black  
Length 6 3/4" (170mm)



**IX537**  
45° Long Snoot  
Color Black  
Length 8" (201mm)



Stand-alone

**PALCO INOUT 5****Projector - Integral**

Project: \_\_\_\_\_

Type: \_\_\_\_\_

**SPECIFICATIONS****LUMEN MAINTENANCE**

90% of initial lumens at 100 000 hours (L90 B10) T77°F (25°C)  
 90% of initial lumens at 100 000 hours (L90 B10) T104°F (40°C)

**MATERIAL**

**Optical body:** Die-cast aluminum;  
**Arm and accessory holder ring:** Die-cast aluminum;  
**Driver housing:** Die-cast aluminum;  
**Reflector:** Metalized thermoplastic;  
**Optic diffuser:** PMMA (polymethyl methacrylate);  
**Protective screen:** 3/16" (4mm) thick extra-clear sodium-calcium closure glass.

**MOUNTING**

Vertical or horizontal surface mount ([page 3](#)) on 4" octagonal junction box or pole mount ([page 2](#)). Supplied with adaptor plate for 4" octagonal junction box and 6 inch (160mm) of power cable.

**ADJUSTMENT**

Double adjustable allows a 344° rotation about the vertical,  
 Adjustable 92°/59° from horizontal line.

**ELECTRICAL**

Integral high efficiency dimmable LED driver, rated at 50 000 hours.  
 120V/277V.

**DIMMING**

0-10V (120-277V), down to 10%.

**FINISH**

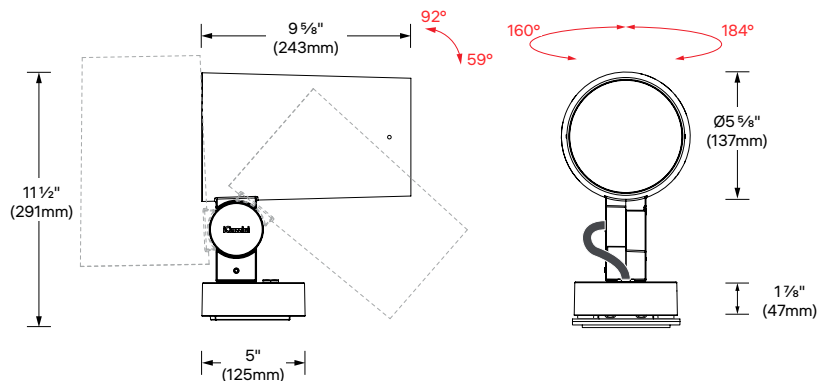
Black (RAL9005), Gray (RAL9007), Rust Brown (RAL8017), and White (RAL9016) painted with a high level of weather and UV resistance. The semi-gloss finish coating is electrostatically applied durable acrylic enamel baked at high temperatures for superior color retentive finish. We provide RAL numbers that are similar, but we cannot guarantee an exact color match. For a more accurate color and gloss match, please contact customer service for a sample chip.

**OPERATING TEMPERATURE**

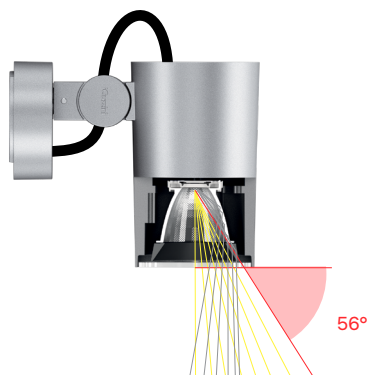
**HE:** -30°C to 50°C (-22°F to 122°F);  
**BO:** -30°C to 50°C (-22°F to 122°F);  
**HO:** -30°C to 35°C (-22°F to 95°F);  
**VHO:** -30°C to 50°C (-22°F to 122°F)

**WEIGHT**

12.13lb (5.50kg)

**DIMENSIONS****VISUAL COMFORT**

Palco InOut spotlights have a very high shielding angle that ensures visual confort in spatial terms whatever their orientation.



# PALCO INOUT 5 Projector - Integral

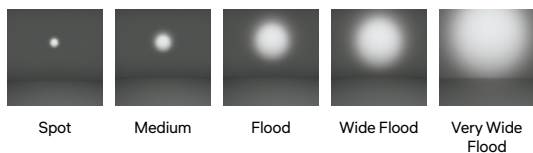
Project: \_\_\_\_\_

Type: \_\_\_\_\_

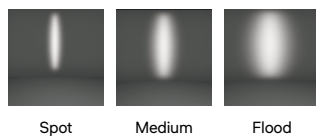
## PROFESSIONAL OPTICS

13 total optics combinations with Elliptical Distribution Refractor and Diffuser Glass accessories.

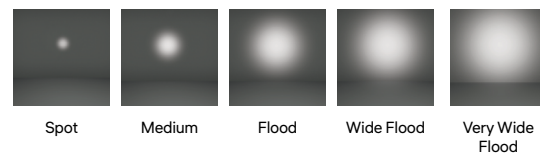
### Primary Optics



### With Elliptical Distribution Refractor



### With Diffuser Glass



## PROFESSIONAL ACCESSORIES

### UNDER SUPPORT FRAME ACCESSORIES (Choose only one)



+



Refractor for  
Elliptical  
Distribution



Diffuser  
Glass



Honeycomb  
Louver

+



Mandatory  
Accessory  
Support Frame

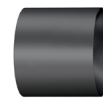
+



Protection  
Grid



Blade  
Louver



Short  
Snoot



45° Short  
Snoot



Horizontal Frame +  
Directional Flap

### OVER SUPPORT FRAME ACCESSORIES (Choose only one)

## FAMILY OVERVIEW

Line voltage version with integral LED driver



**S - PALCO INOUT 3**  
Ø3 1/4" (83mm)



Spot Medium



Wide Flood Very Wide Flood



**M - PALCO INOUT 4**  
Ø4 3/4" (119mm)



Spot Medium



Wide Flood Very Wide Flood



**L - PALCO INOUT 5**  
Ø5 3/8" (137mm)



Spot Medium Flood



Wide Flood Very Wide Flood



**X - PALCO INOUT 6**  
Ø6" (153mm)



Medium Flood



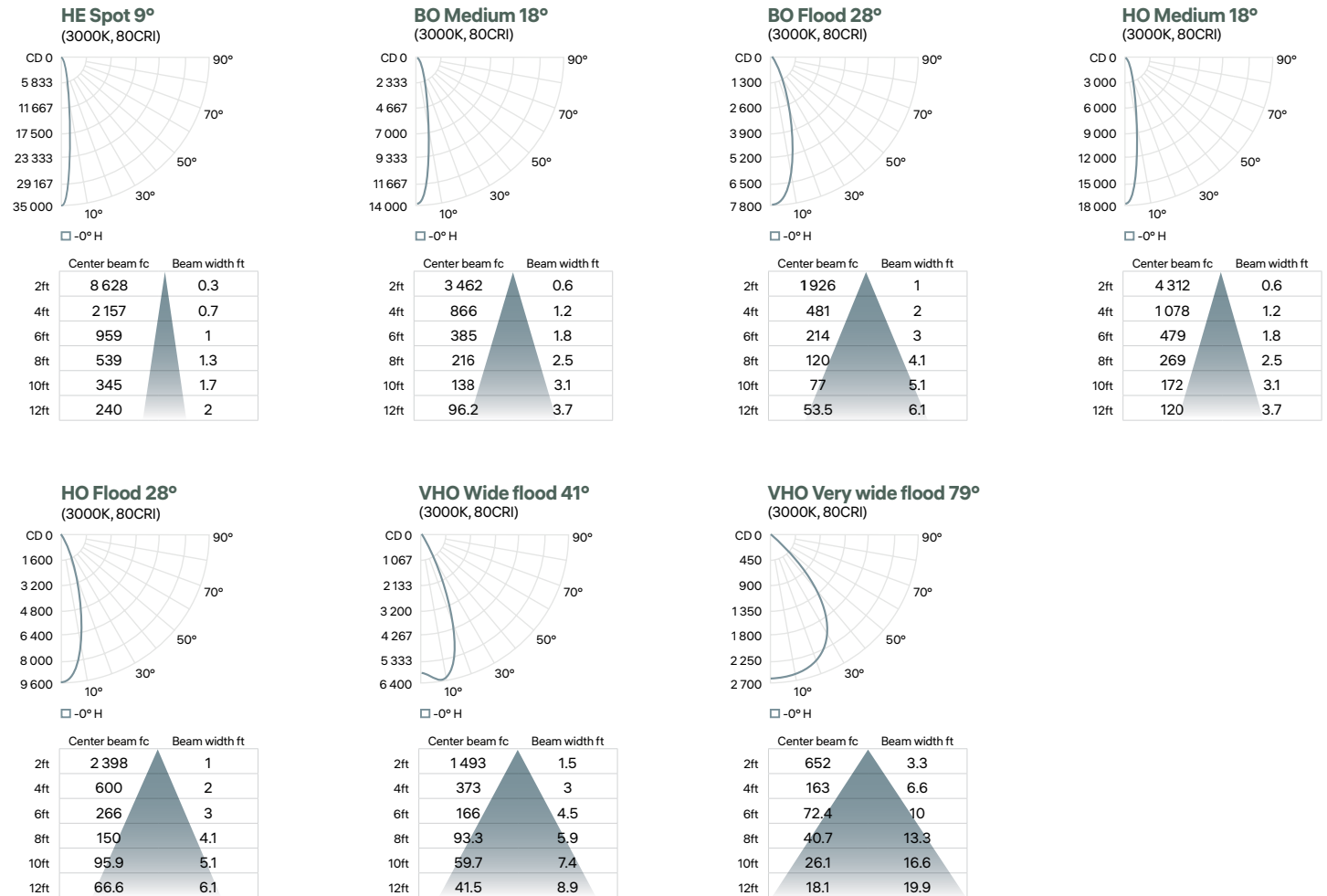
Wide Flood Very Wide Flood

Project: \_\_\_\_\_  
 Type: \_\_\_\_\_

**PHOTOMETRIC DATA**

CCT (K)	CRI	OUTPUT	POWER (W)	OPTIC	LUMENS (lm)	EFFICACY (lm/W)	MAX CANDELA (cd)	MODELS
3000	80	HE	16.9	Spot 9°	1 320	78	34 512	IPLCIO-L-HE-830-SP
		BO	19.7	Medium 18°	2 093	106	13 849	IPLCIO-L-BO-830-MD
				Flood 28°	2 093	106	7 703	IPLCIO-L-BO-830-FL
		HO	26.2	Medium 18°	2 607	99	17 246	IPLCIO-L-HO-830-MD
				Flood 28°	2 607	99	9 593	IPLCIO-L-HO-830-FL
		VHO	32	Wide Flood 41°	3 002	93	6 301	IPLCIO-L-VHO-830-WF
				Very Wide Flood 79°	3 419	106	2 606	IPLCIO-L-VHO-830-VWF

Use multiplier table for other CCT and CRI output data. Efficacy based on IESNA LM-79 test reports. Visit [iguzzini.com/us](http://iguzzini.com/us) for complete photometric data.



CCT options	3000K	4000K
CRI options	80CRI	80CRI
<b>Multiplier</b>	<b>1</b>	<b>1.03</b>