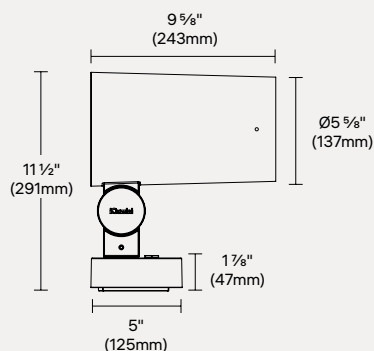


PALCO INOUT 5

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

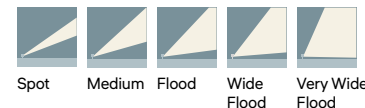
For 3000K, 80CRI. Consult [page 7](#) for full photometric data.

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

¹ See [page 5](#) for operating temperatures.

² Only available with Spot (SP) optic.

³ Available with Medium (MD) and Flood (FL) optics only.

⁴ Available with Wide Flood (WF) and Very Wide Flood (VWF) optics only.

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

⁶ 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

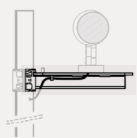
01
White

02
Black

15
Gray

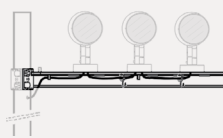
F5
Rust Brown

POLE INSTALLATION WITH ARMS



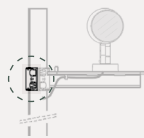
IX568
Arm for 1 floodlight

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



IX570
Arm for 2/3 floodlights

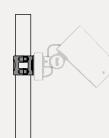
Length 37 ¼" (946mm)
Weight 18.14lb (8.23kg)
EPA 0.64ft² (0.060m²)



I6161
Counter Flange

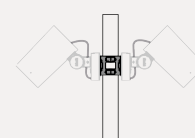
Weight 4.76lb (2.16kg)
EPA 0.064ft² (0.006m²)

POLE INSTALLATION WITH FLANGES



IX417
Flange for 1 floodlight

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



IX419
Flange for 2 floodlights

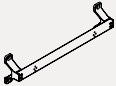
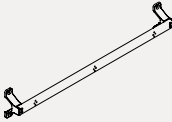
Weight 3.75lb (1.7kg)
EPA 0.23ft² (0.021m²)

Project: _____
Type: _____

MULTI SUPPORT



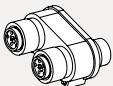
To be ordered separately.
For installation, consult instruction sheet.

FINISH			
01 White	02 Black	15 Gray	F5 Rust Brown

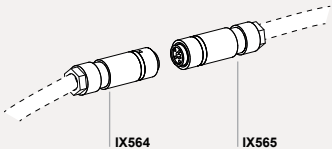
MULTI SUPPORT	
 I6014 For 2 floodlights Dimensions 37 7/8 x 9 1/4 x 5 1/2" (962 x 236 x 141mm)	 I6015 For 3 floodlights Dimensions 61 1/4 x 9 1/4 x 5 1/2" (1560 x 236 x 141mm)

CONNECTION ACCESSORIES

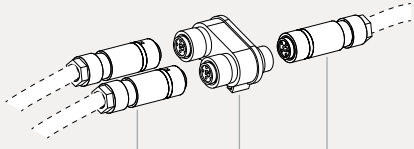
To be ordered separately.
For available configurations and details on installation, consult the instruction sheet.

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

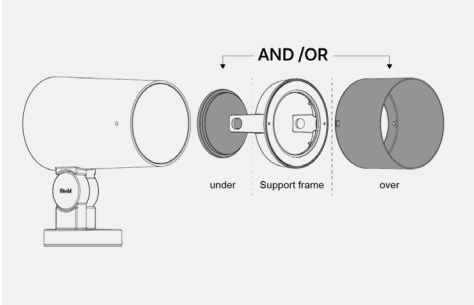




Diagram illustrating the projector assembly with the support frame and optional accessories (under or over the frame).


UNDER SUPPORT FRAME OPTICAL ACCESSORIES (1X MAX)



IX310
Refractor for Elliptical Distribution




IX312
Diffuser Glass




IX308
Honeycomb Louver

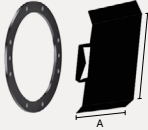
OVER SUPPORT FRAME OPTICAL ACCESSORIES (1X MAX)




IX314¹
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)

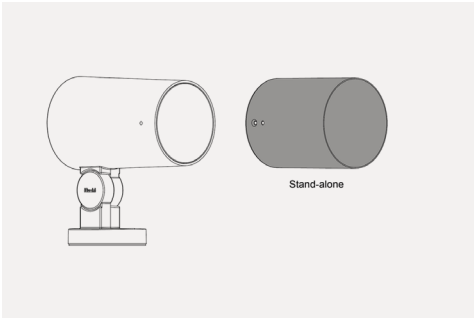


Diagram illustrating the projector assembly with stand-alone accessories.

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

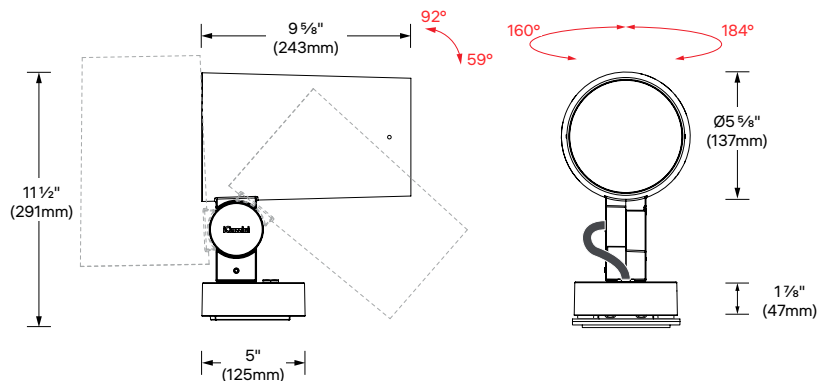
Black (RAL9005), Gray (RAL9007), Rust Brown (RAL8017), and White (RAL9016) painted with a high level of weather and UV resistance. The semi-gloss finish coating is electrostatically applied durable acrylic enamel baked at high temperatures for superior color retentive finish. We provide RAL numbers that 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

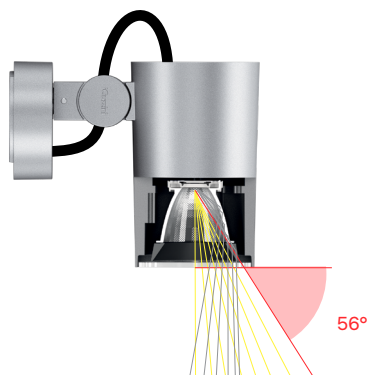
HE: -30°C to 50°C (-22°F to 122°F);
BO: -30°C to 50°C (-22°F to 122°F);
HO: -30°C to 35°C (-22°F to 95°F);
VHO: -30°C to 50°C (-22°F to 122°F)

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.



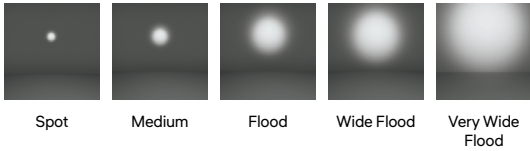
PALCO INOUT 5 Projector - Integral

Project: _____
Type: _____

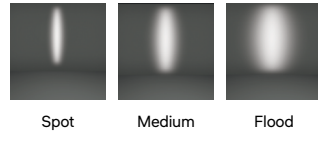
PROFESSIONAL OPTICS

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

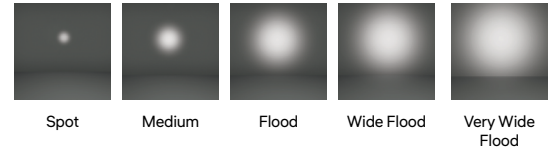
Primary Optics



With Elliptical Distribution Refractor



With Diffuser Glass



PROFESSIONAL ACCESSORIES

UNDER SUPPORT FRAME ACCESSORIES (Choose only one)



+



Refractor for
Elliptical
Distribution



Diffuser
Glass



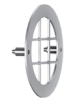
Honeycomb
Louver

+



Mandatory
Accessory
Support Frame

+



Protection
Grid

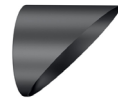
OVER SUPPORT FRAME ACCESSORIES (Choose only one)



Blade
Louver



Short
Snoot



45° Short
Snoot



Horizontal Frame +
Directional Flap

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

PALCO INOUT 5

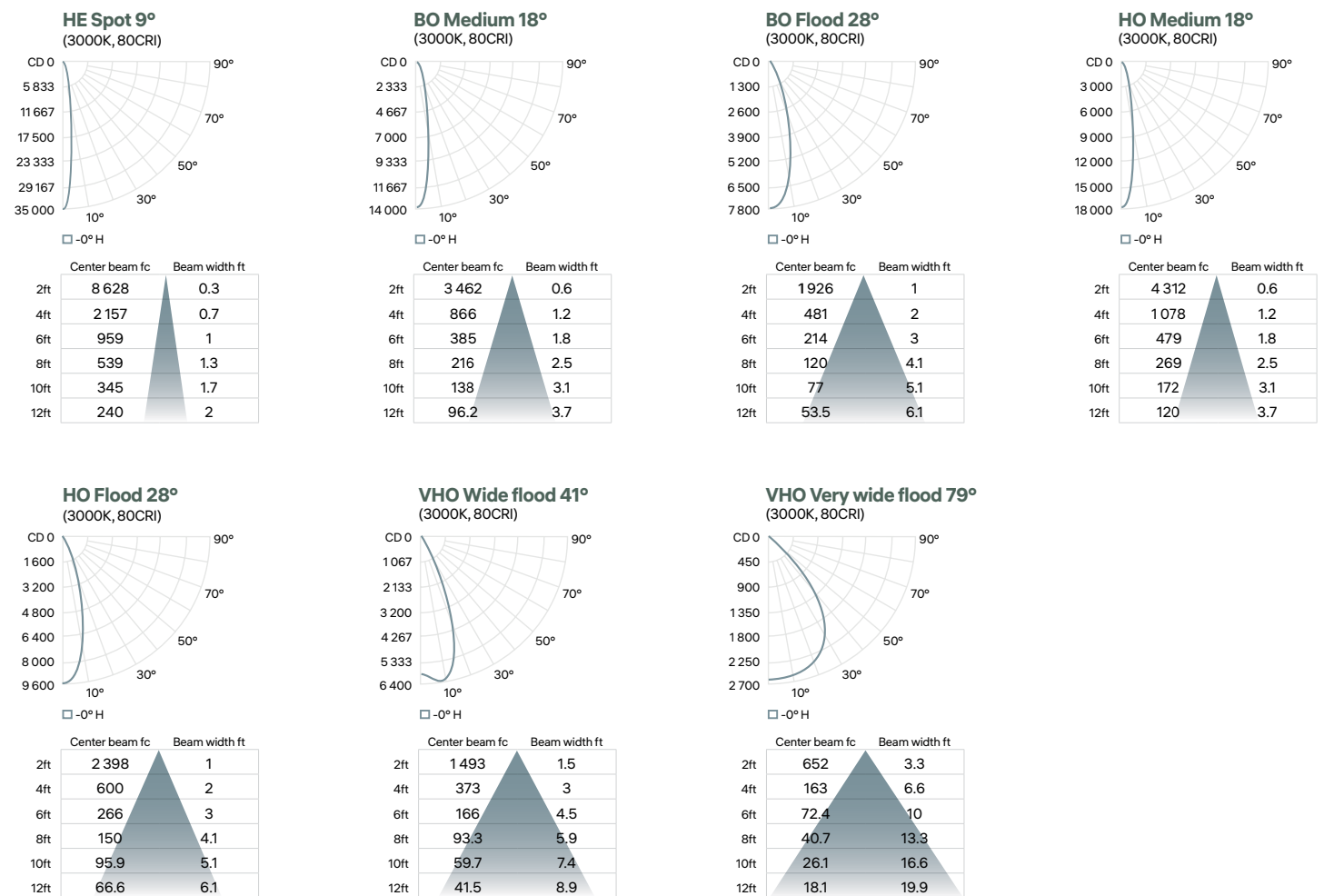
Projector - Integral

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 for complete photometric data.



CCT options	3000K	4000K
CRI options	80CRI	80CRI
Multiplier	1	1.03