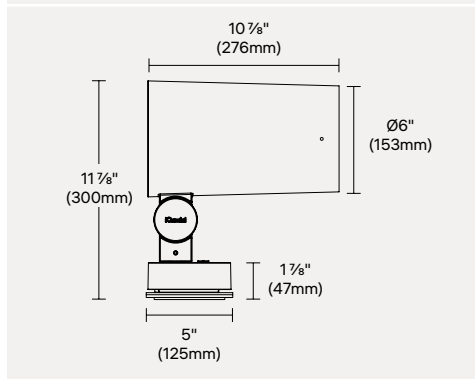# PALCO INOUT 6
Projector - Integral

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)
BO	MD - 16°	4 762	94	32 791
BO	FL - 30°	4 825	95	16 925
BO	WF - 48°	4 889	97	9 337
BO	VWF - 76°	5 397	107	3 918

For 3000K, 80CRI. Consult *page 7* for full photometric data.

FEATURES

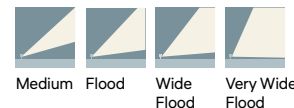- Pole specification *page 2*
- Vertical or horizontal surface *page 3*
- 0-10V dimming down to 10%
- Additional sizing available with integral driver: *3 (Ø3 ¼")*, *4 (Ø4 ¹¹⁄₁₆")* & *5 (Ø5 ⅜")*
- Additional sizing available with remote driver: *1 (Ø1 ³⁄₁₆")*, *2 (Ø2")* & *3 (Ø3 ¼")*
- Consult factory for further customization
- Full specification available *page 5*

FINISH OPTIONS

01	02	15	F5

Consult factory for custom finishes

OPTIC OPTIONS

Medium | Flood | Wide Flood | Very Wide Flood

IK 07 **IP 66**

5-Year Limited Warranty

CE Equivalent Available

c UL us

Dimensions

10 ⅞" (276mm)

Ø6" (153mm)

11 ⅞" (300mm)

1 ⅞" (47mm)

5" (125mm)

ORDERING INFO

PRODUCT CODE
EXAMPLE: IPLCIO-X-BO-830-WF-UNV-01-D10

MODEL	SIZE	OUTPUT [1]	LED	OPTIC	VOLTAGE	FINISH	DIMMING [2]
IPLCIO Palco InOut	**X** Palco InOut 6 6 ¹⁄₁₆" (153mm)	**BO** Base Output (50.3W)	**830** 3000K, 80CRI **840** 4000K, 80 CRI	**MD** Medium 16° **FL** Flood 30° **WF** Wide Flood 48° **VWF** Very Wide Flood 76°	**UNV** 120-277V	**01** White **02** Black **15** Gray **F5** Rust Brown **RAL#** [3] Custom RAL	**D10** 0-10V (down to 10%)

1 See *page 5* for operating temperatures.
2 The dimming levels will vary depending on the dimmer used and the number of luminaires on the line.
3 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: IX303-01 +IX311 + IX315

OPTIC ACCESSORIES

Available optic accessories are available on *page 4.*

iGuzzini

PALCO INOUT 6
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   **Finish**

    ft   01 – White RAL9016*

                          02 – Black RAL9005*

Material   15 – Gray RAL9007*

    Aluminum   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.
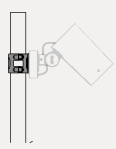
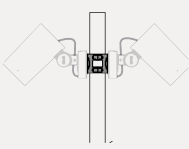## POLE-MOUNTED ACCESSORIES
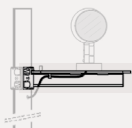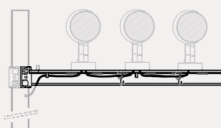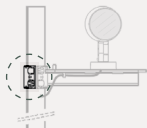
To be ordered separately.
For installation, consult instruction sheet.
Pole Ø: 4" (102mm).

Palco InOut 6 (X)
EPA 0.75ft² (0.07m²)

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

FINISH

01	**02**	**15**	**F5**
White	Black	Gray	Rust Brown

POLE INSTALLATION WITH ARMS

IX568	**IX570**	**I6161**
Arm for 1 floodlight	Arm for 2/3 floodlights	Counter Flange
Length 19 ¼" (488mm)	**Length** 37¼" (946mm)	**Weight** 4.76lb (2.16kg)
Weight 11.11lb (5.04kg)	**Weight** 18.14lb (8.23kg)	**EPA** 0.064ft² (0.006m²)
EPA 0.33ft² (0.031m²)	**EPA** 0.64ft² (0.060m²)	

POLE INSTALLATION WITH FLANGES

IX417	**IX419**
Flange for 1 floodlight	Flange for 2 floodlights
Weight 3.52lb (1.60kg)	**Weight** 3.75lb (1.7kg)
EPA 0.22ft² (0.020m²)	**EPA** 0.23ft² (0.021m²)

PALCO INOUT 6
Projector - Integral
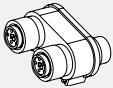
MULTI SUPPORT

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

FINISH			
01 White	**02** Black	**15** Gray	**F5** Rust Brown
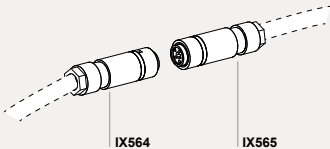
MULTI SUPPORT

I6014
For 2 floodlights

Dimensions
37 ⅞ x 9 ¼ x 5 ½"
(962 x 236 x 141mm)

I6015
For 3 floodlights

Dimensions
61 ¼ x 9 ¼ x 5 ½"
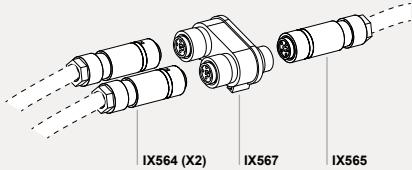(1560 x 236 x 141mm)

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

IX564   IX565

MULTIPLE CONNECTION

IX564 (X2)   IX567   IX565

iGuzzini

PALCO INOUT 6
Projector - Integral

Project: _____

Type: _____

OPTICAL ACCESSORIES

To be ordered separately.

OPTICAL ACCESSORY CODE

EXAMPLE: IX303-01 +IX311 + IX315

OPTICAL ACCESSORIES - WITH SUPPORT FRAME

REQUIRED SUPPORT FRAME

IX303-01
Support Frame

Color White

IX303-02
Support Frame

Color Black

IX303-15
Support Frame

Color Gray

IX303-F5
Support Frame

Color Rust Brown
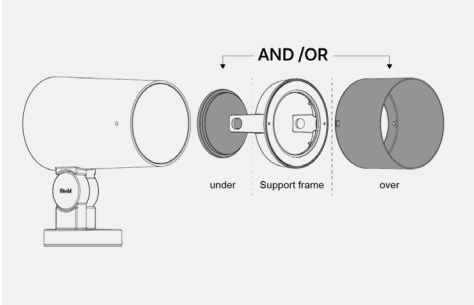
AND /OR

under   Support frame   over

UNDER SUPPORT FRAME OPTICAL ACCESSORIES (1X MAX)

IX311
Refractor for Elliptical Distribution
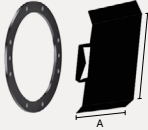
IX313
Diffuser Glass

IX309
Honeycomb Louver

OVER SUPPORT FRAME OPTICAL ACCESSORIES (1X MAX)

IX315 [1]
Blade Louver

Color Black

IX319
Protective Grid

IX322 + IX317
Horizontal Frame + Directional Flap

Enter QTY   (max. 4 Flaps)

Color Black
A 4 ⅜" (111mm)
B 5" (129mm)

IX305
Short Snoot

Color Black
Length 5 ⅜" (135mm)

IX307
45° Short Snoot

Color Black
Length 6 ½" (166mm)

1 Cannot be combined with Diffuser Glass

OPTICAL ACCESSORIES - STAND-ALONE

STAND-ALONE ACCESSORIES

IX544
Long Snoot

Color Black
Length 7 ⅜" (187mm)

IX538
45° Long Snoot

Color Black
Length 8 ½" (217mm)

Stand-alone

DM-R0 | Last Update : April 3, 2025

PALCO INOUT 6
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
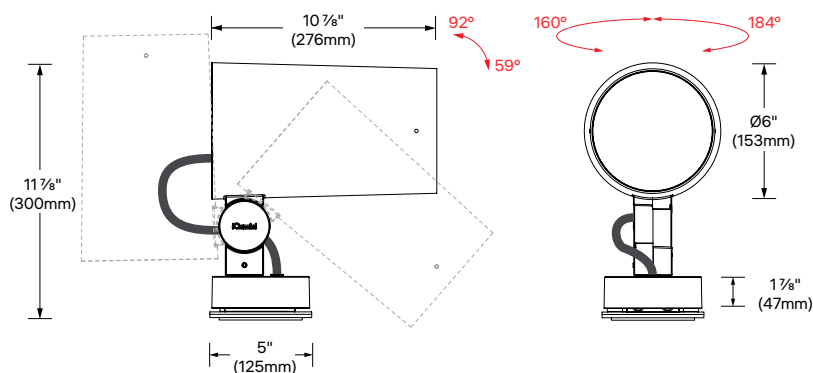
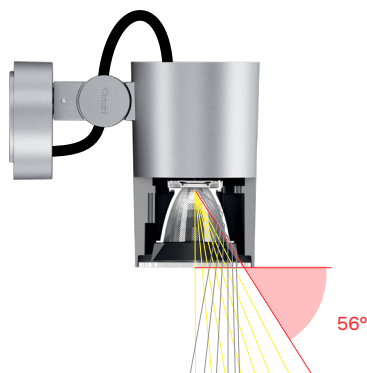**BO:** -30°C to 50°C (-22°F to 122°F);

WEIGHT

14.46lb (6.56kg)

DIMENSIONS

VISUAL COMFORT

Palco InOut spotlights have a very high shielding angle that ensures visual confort in spatial terms whatever their orientation.
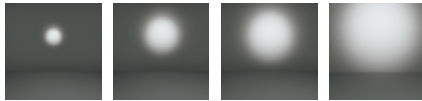
PALCO INOUT 6
Projector - Integral

Project: _____
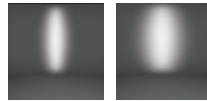
Type: _____

PROFESSIONAL OPTICS

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

Primary Optics

| Medium | Flood | Wide Flood | Very Wide Flood |

With Elliptical Distribution Refractor

| Medium | Flood |

With Diffuser Glass
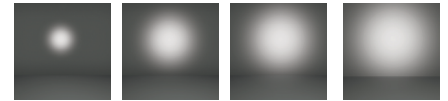
| Medium | Flood | Wide Flood | Very Wide Flood |

PROFESSIONAL ACCESSORIES

UNDER SUPPORT FRAME ACCESSORIES
(Choose only one)

+ Refractor for Elliptical Distribution / Diffuser Glass / Honeycomb Louver + Mandatory Accessory Support Frame +

OVER SUPPORT FRAME ACCESSORIES
(Choose only one)

Protection Grid / Blade Louver / Short Snoot / 45° Short Snoot / Horizontal Frame + Directional Flap
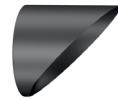
FAMILY OVERVIEW

Line voltage version with integral LED driver

S - PALCO INOUT 3
Ø3 ¼" (83mm)

Spot | Medium

Wide Flood | Very Wide Flood

M - PALCO INOUT 4
Ø4 ¾" (119mm)

Spot | Medium

Wide Flood | Very Wide Flood

L - PALCO INOUT 5
Ø5⅜" (137mm)

Spot | Medium | Flood

Wide Flood | Very Wide Flood

X - PALCO INOUT 6
Ø6" (153mm)

Medium | Flood

Wide Flood | Very Wide Flood

PALCO INOUT 6
Projector - Integral

Project: _____

Type: _____

PHOTOMETRIC DATA

CCT (K)	CRI	OUTPUT	POWER (W)	OPTIC	LUMENS (lm)	EFFICACY (lm/W)	MAX CANDELA (cd)	MODELS
3000	80	BO	50.3	Medium 16°	4 762	94	32 791	IPLCIO-X-BO-830-MD
				Flood 30°	4 825	95	16 925	IPLCIO-X-BO-830-FL
				Wide Flood 48°	4 889	97	9 337	IPLCIO-X-BO-830-WF
				Very Wide Flood 76°	5 397	107	3 918	IPLCIO-X-BO-830-VWF

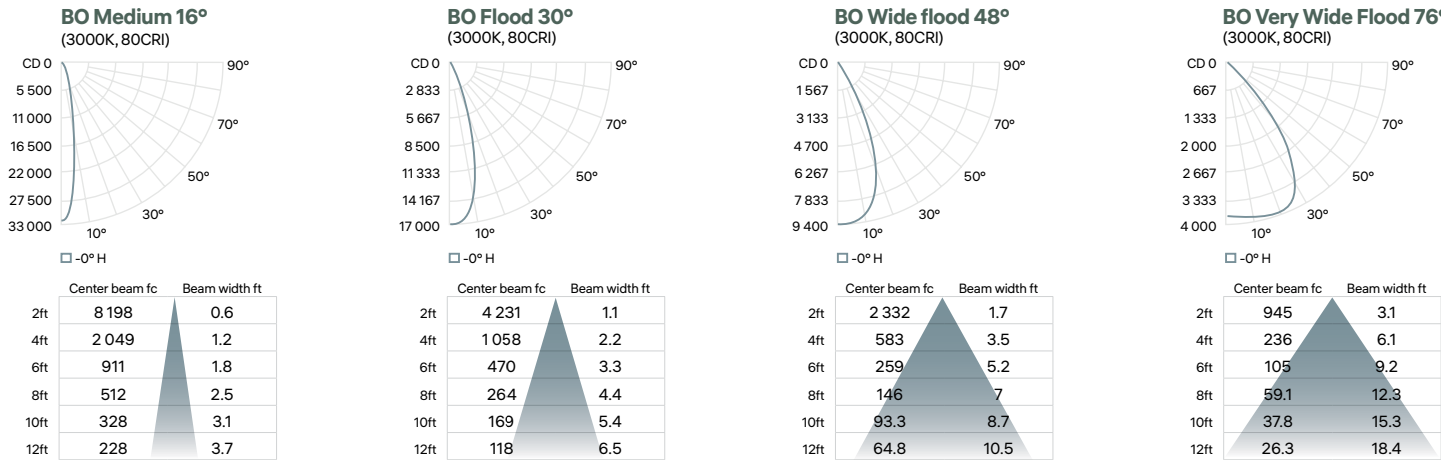Use multiplier table for other CCT and CRI output data. Efficacy based on IESNA LM-79 test reports. Visit iguzzini.com/us for complete photometric data.

BO Medium 16°
(3000K, 80CRI)

	Center beam fc	Beam width ft
2ft	8 198	0.6
4ft	2 049	1.2
6ft	911	1.8
8ft	512	2.5
10ft	328	3.1
12ft	228	3.7

BO Flood 30°
(3000K, 80CRI)

	Center beam fc	Beam width ft
2ft	4 231	1.1
4ft	1 058	2.2
6ft	470	3.3
8ft	264	4.4
10ft	169	5.4
12ft	118	6.5

BO Wide flood 48°
(3000K, 80CRI)

	Center beam fc	Beam width ft
2ft	2 332	1.7
4ft	583	3.5
6ft	259	5.2
8ft	146	7
10ft	93.3	8.7
12ft	64.8	10.5

BO Very Wide Flood 76°
(3000K, 80CRI)

	Center beam fc	Beam width ft
2ft	945	3.1
4ft	236	6.1
6ft	105	9.2
8ft	59.1	12.3
10ft	37.8	15.3
12ft	26.3	18.4

CCT options	3000K	4000K
CRI options	80CRI	80CRI
Multiplier	**1**	**1.02**