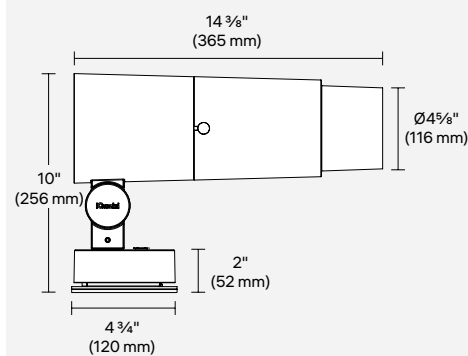


## PALCO INOUT FRAMER 4

## Projector Framer - Integral

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

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



Palco Framer is an outdoor framing projector for architectural and urban lighting applications. Engineered for extreme conditions Palco framer performs in all climates and all environments. Palco Framer is equipped with a proprietary optical technology that delivers theatrical-grade performances in outdoor environments. It features a complete set of accessories like irises, gobos, filters, etc.

## PHOTOMETRIC SUMMARY

Optic	Lumens (lm)	Efficacy (lm/W)	Max Candela (cd)
D30 (19°)	885	31	10 360
D40 (26°)	1 383	48	10 088

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

## FINISH OPTIONS



Consult factory for custom finishes

## OPTIC OPTIONS



Framer

## FEATURES

- Pole specification [page 2](#)
- Vertical or horizontal surface [page 3](#)
- 0-10V dimming down to 10%
- Supplied with Ø1 3/8" (30mm) and Ø1 9/16" (40mm) gobos (see [page 4 & 5](#) for additional accessories)
- Additional sizing available with remote driver: [Framer 1 \(Ø1 3/8"\)](#)
- Consult factory for further customization
- Full specification available [page 6](#)



IK 07



IP 66



5-Year Limited Warranty



CE Equivalent Available



## ORDERING INFO

PRODUCT CODE

EXAMPLE: IPLCIO-M-830-FR-UNV-01-D10

MODEL	SIZE	LED	OPTIC	VOLTAGE	FINISH	DIMMING
IPLCIO Palco InOut	M Framer 4 Ø4 5/8" (116 mm)	<b>827</b> 2700K, 80CRI	FR Framer	UNV 120V-277V	<b>01</b> White	<b>D10</b> 0-10V (down to 10%)
		<b>830</b> 3000K, 80CRI			<b>02</b> Black	
		<b>840</b> 4000K, 80 CRI			<b>15</b> Gray	
					<b>F5</b> Rust Brown	
					<b>RAL#<sup>1</sup></b> Custom RAL	

<sup>1</sup> Additional fees may apply for custom finish. Contact factory for details.

## ACCESSORIES

To be ordered separately.

CONNECTION ACCESSORY CODE

EXAMPLE: IX564+ IX565

## 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: IX457+ IX477-02

## OPTIC ACCESSORIES

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

GLASS GOBO CODE

EXAMPLE: IPC46+ IPC55+ IPC62

## OPTIC ACCESSORIES

Available optic accessories are available on [page 5](#).

# PALCO INOUT FRAMER 4

## Projector Framer - 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 (3' from ground)

##### 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 Framer 4**  
EPA 0.70ft² (0.065m²)

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

#### FINISH

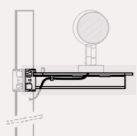
**01**  
White

**02**  
Black

**15**  
Gray

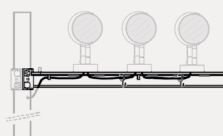
**F5**  
Rust Brown

#### POLE INSTALLATION WITH ARMS



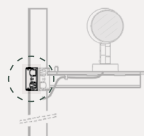
**IX568**  
Arm for 1 floodlight

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



**IX570**  
Arm for 2/3 floodlights

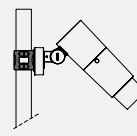
**Length** 37 ¼" (946mm)  
**Weight** 18.14lb (8.23kg)  
**EPA** 0.64ft² (0.060m²)



**I6161**  
Counter Flange

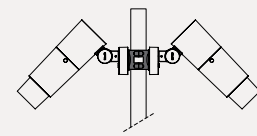
**Weight** 4.76lb (2.16kg)  
**EPA** 0.064ft² (0.006m²)

#### POLE INSTALLATION WITH FLANGES



**IX417**  
Flange for 1 floodlight

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



**IX419**  
Flange for 2 floodlights

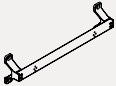
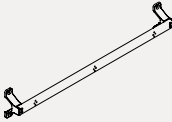
**Weight** 3.97lb (1.80kg)  
**EPA** 0.23ft² (0.021m²)

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

MULTI SUPPORT & SPIKE



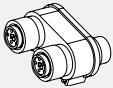
To be ordered separately.  
For installation, consult instruction sheet.

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

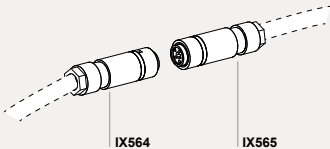
MULTI SUPPORT	
 <b>I6014</b> For 2 floodlights  <b>Dimensions</b> 37 7/8 x 9 1/4 x 5 1/2" (962 x 236 x 141mm)	 <b>I6015</b> For 3 floodlights  <b>Dimensions</b> 61 1/4 x 9 1/4 x 5 1/2" (1560 x 236 x 141mm)

CONNECTION ACCESSORIES

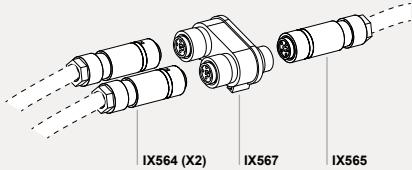
To be ordered separately.  
For available configurations and details on installation, consult the instruction sheet.

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

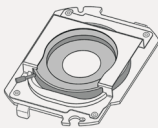

EXAMPLE: IX457+ IX477-02

OPTICAL ACCESSORIES - WITH SUPPORT FRAME

SUPPORT FOR GLASS ACCESSORIES	COLORED GLASS FILTER (TO BE USED WITH SUPPORT IX457)		
 <p><b>IX457</b> Support for glass gobos and glass filters</p>	 <p><b>IX477-02</b> Colored glass filter <b>Color</b> Orange</p>	 <p><b>IX477-05</b> Colored glass filter <b>Color</b> Red</p>	 <p><b>IX477-07</b> Colored glass filter <b>Color</b> Green</p>
	 <p><b>IX477-09</b> Colored glass filter <b>Color</b> Sky Blue</p>	 <p><b>IX477-16</b> Colored glass filter <b>Color</b> Blue</p>	 <p>Metal gobo light &amp; shadow<sup>1</sup> <b>Dimension</b> Ø 2" (53.3mm)</p>




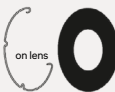
<sup>1</sup> Contact factory for customized gobos

OPTICAL ACCESSORIES - STAND-ALONE

IRIS AND CUSTOM GOBOS	
 <p><b>IMXQ1</b> Iris</p>	 <p>Metal gobo light &amp; shadow<sup>1</sup> <b>Dimension</b> Ø 2 5/8" (67mm)</p>

<sup>1</sup> Contact factory for customized gobos

OPTICAL ACCESSORIES - INCLUDED

OPTICAL ACCESSORIES - INCLUDED			
 <p>4 Shapes Framer</p>	 <p>Metal Gobo D30 <b>Dimension</b> Ø 1 3/16 (30mm)</p>	 <p>Metal Gobo D40 <b>Dimension</b> Ø 1 9/16 (40mm)</p>	 <p>Diaphragm with Spring</p>

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

OPTICAL ACCESSORIES







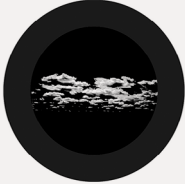

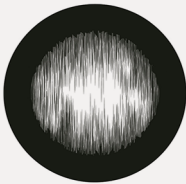
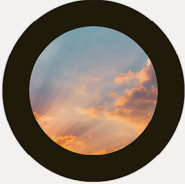
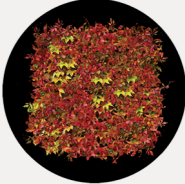





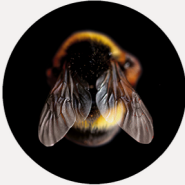




To be ordered separately.

GLASS GOBOS

EXAMPLE: IPC46

GLASS GOBOS Ø 2" (53.3MM)

GLASS GOBOS - FULL COLOR OR BLACK & WHITE IMAGE

 <p><b>IPC46</b> Save our planet Earth</p>	 <p><b>IPC47</b> Save our planet Water</p>	 <p><b>IPC48</b> Save our planet Air</p>	 <p><b>IPC49</b> Save our planet Fire</p>	 <p><b>IPC50</b> Save our planet Air - Linear</p>	 <p><b>IPC51</b> Celebrating flows Air as movement Natural pattern</p>
 <p><b>IPC52</b> Celebrating flows Air as Volume</p>	 <p><b>IPC53</b> Celebrating flows Air as Movement linear</p>	 <p><b>IPC54</b> Celebrating flows Air as light Geometrical pattern</p>	 <p><b>IPC55</b> Celebrating flows Air as colour Filler</p>	 <p><b>IPC56</b> Biophilic design Covering</p>	 <p><b>IPC57</b> Biophilic design Climbing</p>
 <p><b>IPC58</b> Biophilic design Trailing</p>	 <p><b>IPC59</b> Biophilic design Sprouting</p>	 <p><b>IPC60</b> Biophilic design Blooming</p>	 <p><b>IPC61</b> Creativity and humanity Air</p>	 <p><b>IPC62</b> Creativity and humanity Bees</p>	 <p><b>IPC63</b> Creativity and humanity Humanity</p>
 <p><b>IPC64</b> Creativity and humanity Water</p>	 <p><b>IPC65</b> Creativity and humanity Carbon</p>	 <p><b>YOUR DESIGN HERE</b></p> <p>CUSTOMIZED *Contact factory for customized gobos</p>			

**PALCO INOUT FRAMER 4****Projector Framer - Integral**

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

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

**SPECIFICATIONS****LUMEN MAINTENANCE**

90% of initial lumens at 100 000 hours (L90 B10) T77°F (25°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" (5mm) 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 360° rotation about the vertical, Adjustable +91°/51° from horizontal line.

**ELECTRICAL**

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

**DIMMING**

Down to 10%, 0-10V (120-277V)

**FINISH**

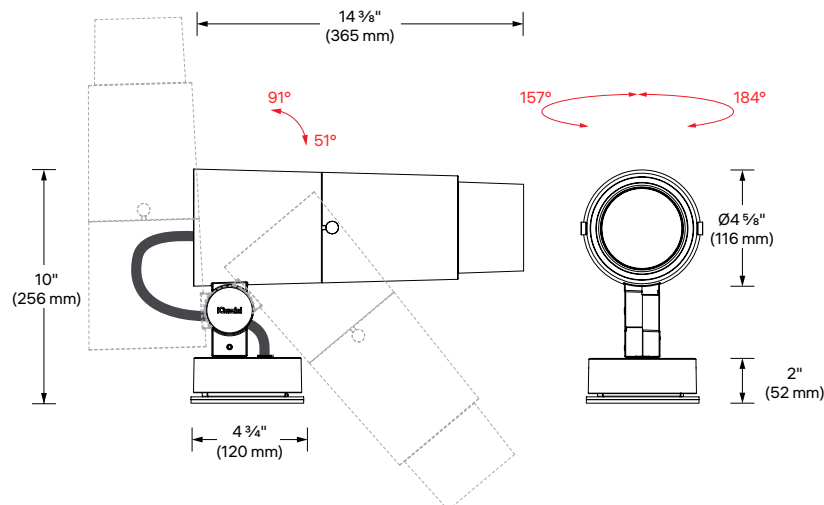
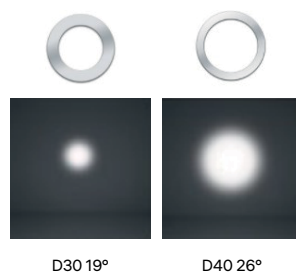
Black (RAL9005), Gray (RAL9007), Rust Brown (RAL8017), and White (RAL9016) painted with a high level of weather and UV resistance. The semi-gloss finish coating is electrostatically applied durable acrylic enamel baked at high temperatures for superior color retentive finish. We provide RAL numbers that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

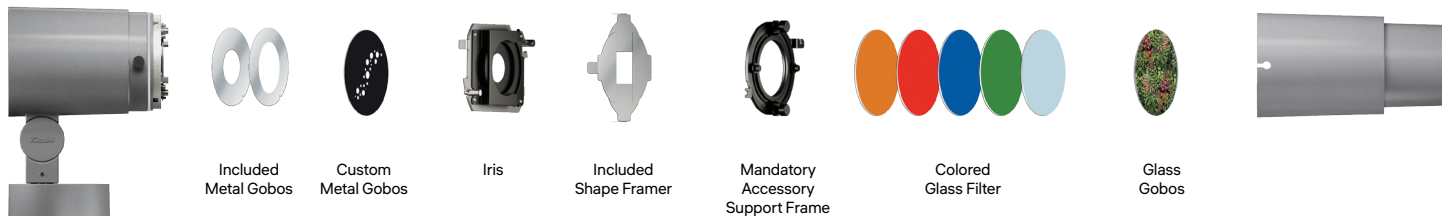
-30°C to 50°C (-22°F to 122°F);

**WEIGHT**

11.03lb (5.5kg)

**DIMENSIONS****INCLUDED METAL GOBOS****PROFESSIONAL ACCESSORIES**

Consult instruction sheet for possible combinaison.



**PALCO INOUT FRAMER 4****Projector Framer - Integral**

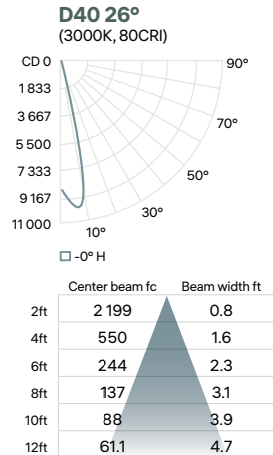
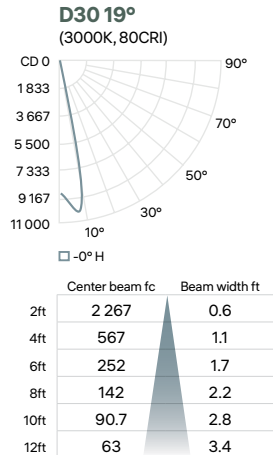
Project: \_\_\_\_\_

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

**PHOTOMETRIC DATA**

CCT (K)	CRI	POWER (W)	OPTIC	GOBO	LUMENS (lm)	EFFICACY (lm/W)	MAX CANDELA (cd)	MODELS
3000	80	28.5	Framer	D30 (19°)	885	31	10 360	IPLCIO-M-830-FR
				D40 (26°)	1 383	48	10 088	IPLCIO-M-830-FR

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	2700K	3000K	4000K
CRI options	80CRI	80CRI	80CRI
<b>Multiplier</b>	<b>0.96</b>	<b>1</b>	<b>1.01</b>