

PALCO INOUT FRAMER 1

Projector Framer - Remote

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)
D02 (9°)	5.3	2	300
D03 (13°)	10.7	4	272
D04 (17°)	16.1	6	261
D05 (22°)	18.8	7	246

For 3000K, 80CRI. Consult [page 5](#) for full photometric data.

FINISH OPTIONS

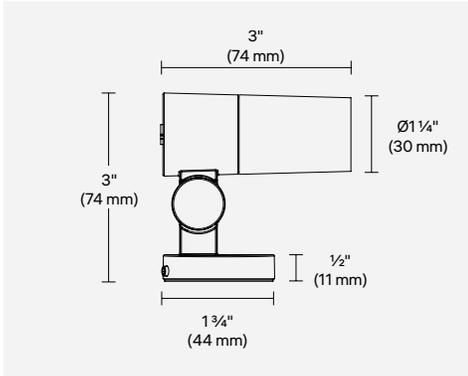


Consult factory for custom finishes

OPTIC OPTIONS



Framer



FEATURES

- Triac and ELV (120V) down to 15%. 0-10V (120-277V) down to 1%. [page 3](#)
- Supplied with 4 gobos with Ø 5/64", 1/8", 5/32", 3/16" (2, 3, 4, 5 mm) diameter central opening.
- Additional sizing available with integral driver: [Framer 4 \(Ø4 1/16"\)](#)
- Consult factory for further customization
- Full specification available [page 4](#)



IK 07



IP 66



5-Year Limited Warranty



CE Equivalent Available



ORDERING INFO

PRODUCT CODE

EXAMPLE: IPLCIO-C-830-FR-REM-01

MODEL	SIZE	LED	OPTIC	VOLTAGE	FINISH
IPLCIO Palco InOut	C Framer 1 Ø1 1/4" (30mm)	827 2700K, 80CRI	FR Framer	REM Remote	01 White
		830 3000K, 80CRI			02 Black
		840 4000K, 80 CRI			15 Gray
					F5 Rust Brown
					RAL# ¹ Custom RAL

¹ Additional fees may apply for custom finish. Contact factory for details.

ACCESSORIES

To be ordered separately.

CONNECTION ACCESSORY CODE

EXAMPLE: 9013-9014-KIT

CONNECTION ACCESSORIES	
More information available on page 2 .	
IX651-01 Junction Box Kit White	IX651-02 Junction Box Kit Black
IX651-05 Junction Box Kit Gray	IX651-F5 Junction Box Kit Rust Brown
9013-9014-KIT Male and female connector kit	

DRIVER CODE

EXAMPLE: 4548-0850-024-UNV-D10

DRIVER

Driver options are available on [page 3](#).

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SPIKE

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

SPIKE FOR GROUND / GARDEN APPLICATIONS



IX270
 Fixed Spike

Length 14" (355mm)

CONNECTION ACCESSORIES

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

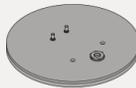
JUNCTION BOX KIT



IX651-01
 Junction Box Kit
 Color White



IX651-02
 Junction Box Kit
 Color Black



IX651-15
 Junction Box Kit
 Color Gray



IX651-F5
 Junction Box Kit
 Color Rust Brown

WATERPROOF IP68 FIELD CONNECTOR

For Ø 0.15-0.27" (4-7mm) cable, 2 poles 18-24 AWG conductors. No finish option available.



9013-9014-KIT
 Male and female
 connector kit,
 250/400V.

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REMOTE LED DRIVER OPTIONS

DRIVER CODE

EXAMPLE: 4548-0850-024-UNV-D10

INDOOR RATED DRIVER BOX MODELS	MIN-MAX UNITS	OUTDOOR RATED DRIVER BOX MODELS	MIN-MAX UNITS
	BO (2.5W) ¹		BO (2.5W) ¹
4445-0850-022-120-LTE	7-8	4548-0850-024-UNV-D10	4-9
4450-0850-030-UNV-ED10	1-11	4548-0840-026-120-LTE	6-10
4450-0850-030-UNV-SD10	1-11	4549-0850-030-UNV-ED10	1-11
4450-0850-040-UNV-D10	4-15	4549-0850-030-UNV-SD10	1-11
4450-0850-046-UNV-ED10	1-18	4549-0850-046-UNV-ED10	1-18
4450-0850-050-UNV-SD10 (2 outputs)	1-20 ² MAX 18 per output	4549-0850-050-UNV-SD10 (2 outputs)	1-20 ² MAX 18 per output

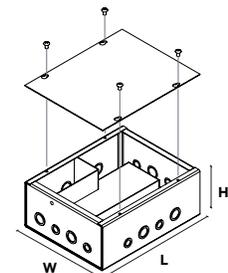
¹ Wattage requirement for one (1) fixture.
² See wiring diagrams for Multi-Output Drivers.

DRIVER BOX MODEL DESCRIPTION

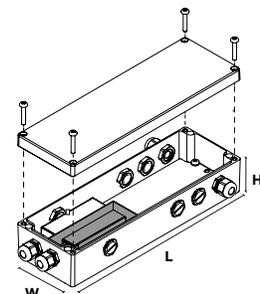
MODEL (L x W x H)	CONSTANT CURRENT	WATTAGE	VOLTAGE	DIMMING PROTOCOL
4445 6" x 6" x 3" (152 x 152 x 76mm)	0840 to 0850 840mA to 850mA	022 to 050 22W to 50W	120 120V	LTE Leading & Trailing Edge (ELV & TRIAC) Dimming Range Down to ±15% Max Distance 30ft (9m) ³
4450 8" x 8" x 4" (203 x 203 x 102mm)			UNV 120-277V	D10 0-10V Dimming Range Down to ±10% Max Distance 30ft (9m) ³
4548 6" x 4.5" x 3" (152 x 114 x 76mm)				ED10 0-10V ELDOLED ECOdrive Dimming Range Down to ±1% Max Distance 118ft (36m) ³
4549 14.5" x 5" x 3.5" (368 x 127 x 89mm)				SD10 0-10V ELDOLED SOLOdrive Dimming Range Down to ±0.1% Max Distance 118ft (36m) ³

³ Max distance cable calculated for 16AWG cable. Contact customer service for longer remote distance.

DRIVER BOX DIMENSIONS



INDOOR RATED

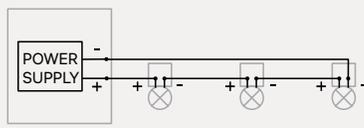


OUTDOOR RATED

WIRING DIAGRAMS

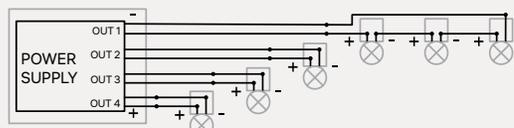
Single-Output Drivers

Multiple luminaires must be connected in series (home run or fixture chain)



Multi-Output Drivers

Luminaires must be connected on separate outputs (1-4). Multiple luminaires can be connected in series on an output (home run or fixture chain). Do not exceed the wattage and voltage range on each output.



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SPECIFICATIONS

LUMEN MAINTENANCE

80% of initial lumens at 56 000 hours (L80 B10) T77°F (25°C)
 80% of initial lumens at 56 000 hours (L80 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" (5mm) thick extra-clear sodium-calcium closure glass.

MOUNTING

See all mounting accessories on [page 2](#). Remote version are supplied with 3ft (1m) of power cable with anti-siphon device.

ADJUSTMENT

Double adjustable allows a 360° rotation about the vertical, Adjustable +95°/50° from horizontal line.

ELECTRICAL

High efficiency dimmable LED driver, rated at 50 000 hours. 120V/277V. See remote LED driver options on [page 3](#).

DIMMING

Triac and ELV (120V) down to 15%.
 0-10V (120-277V) down to 1%.
 See remote LED driver options on [page 3](#).

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.

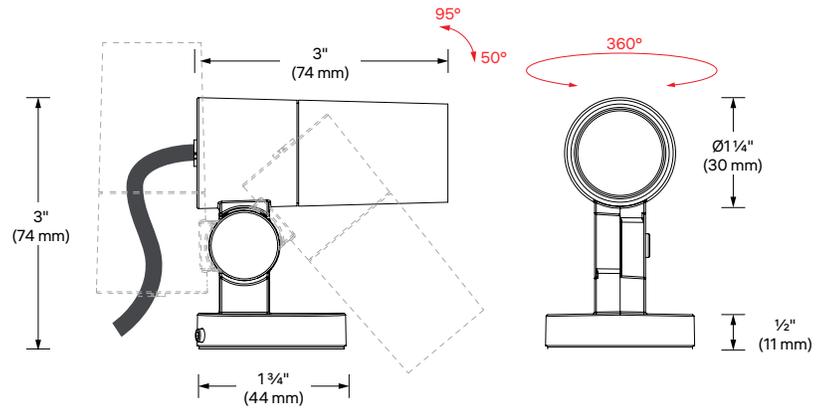
OPERATING TEMPERATURE

-30° to 50°C (-22°F to 122°F);

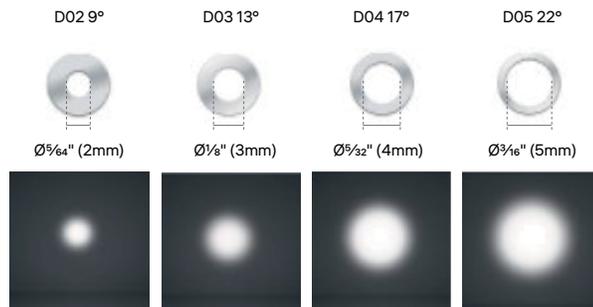
WEIGHT

0.46lb (0.21kg)

DIMENSIONS



INCLUDED METAL GOBOS



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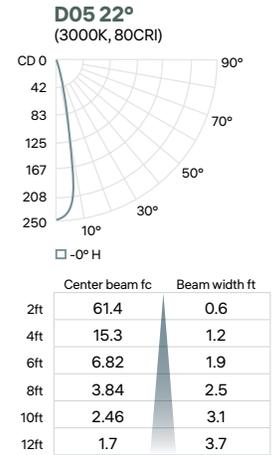
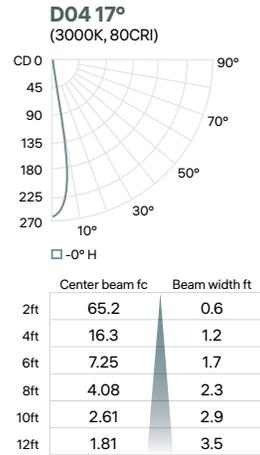
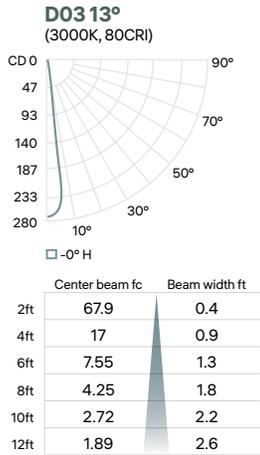
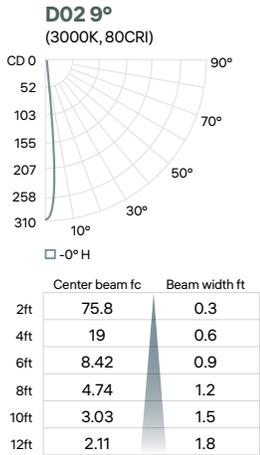
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PHOTOMETRIC DATA

CCT (K)	CRI	POWER (W)	OPTIC	GOBO	LUMENS (lm)	EFFICACY (lm/W)	MAX CANDELA (cd)	MODELS
3000	80	2.5	Framer	D02 (9°)	5.3	2	300	IPLCIO-C-830-FR
				D03 (13°)	10.7	4	272	IPLCIO-C-830-FR
				D04 (17°)	16.1	6	261	IPLCIO-C-830-FR
				D05 (22°)	18.8	7	246	IPLCIO-C-830-FR

*For products that use a remote LED driver, total system wattage will vary according to the efficacy of the remote LED driver selected. For this reason, the load and efficacy values given in the table above refer to the LED source only and do not include the LED driver consumption. Use the 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	2700K	3000K	4000K
CRI options	80CRI	80CRI	80CRI
Multiplier	0.96	1	1.01