



Palco in out 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.

Luminaire characteristic:	Power input: 2.5W to 15W Lumens: 162lm to 1889lm (for 3000K, 80CRI) Luminaire efficacy: Up to 126lm/W
Source:	White LED (LM-80), 2700K: 80CRI, 3000K: 80CRI, 4000K: 80CRI.
Lumen maintenance:	80% of initial lumens at 50 000 hours (L80) (LM-79).
Optic:	Available in spot, medium, wide flood and very wide flood optics.
Material:	Optical body, arm and accessory holder ring and driver housing: Die-cast aluminum; Reflector: Metalized thermoplastic; Optic diffuser: PMMA (polymethyl methacrylate); Protective screen: $\frac{3}{16}$ " (4mm) thick extra-clear sodium-calcium closure glass.
Mounting:	See all mounting accessories (page 7-8). 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°/5° from horizontal line.
Electrical:	High efficiency dimmable LED driver, rated at 50 000 hours. 120V/277V. See remote LED driver options on page 3-6.
Dimming:	Down to 10%, 0-10V (120-277V); See remote LED driver options on page 3-6.
Finish:	White(RAL9016), gray(RAL9007), black and rust brown 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.
Operating temperature:	BO: -30°C to 50°C (-22°F to 122°F); HO: -30°C to 35°C (-22°F to 95°F);
Weight:	Micro: 0.37lb (0.17kg) Mini: 0.88lb (0.40kg) Small: 2.86lb (1.30kg)
Warranty:	5 year limited warranty.
Ratings:	IP66, IK07
Certification:	cULus listed for wet location.



ORDERING INFO

IPLC IO - - - - -
FIXTURE

MODEL

☐ **C** - Micro Ø1³/₁₆" (30mm) ☐ **N** - Mini Ø2" (49mm) ☐ **S** - Small Ø3¹/₄" (83mm)

OUTPUT*

☐ **BO** - Base output ☐ **HO** - High output

LED

☐ **827** - 2700K, 80CRI ☐ **830** - 3000K, 80CRI ☐ **840** - 4000K, 80CRI

OPTIC

☐ **SP** - Spot
- micro (14°)
- mini (16°)
- small (15°)

☐ **MD** - Medium
- micro (24°)
- mini (24°)
- small (25°)

☐ **WF** - Wide flood
- mini (42°)
- small (41°)

☐ **VWF** - Very wide flood
- small (78°)

VOLTAGE

☐ **REM** - Remote

FINISH

☐ **01** - White ☐ **02** - Black ☐ **15** - Gray ☐ **F5** - Rust brown

* See page 1 for operating temperatures.

MOUNTING ACCESSORIES

(TO BE ORDERED SEPERATELY)

☐ **01** - White ☐ **02** - Black ☐ **15** - Gray ☐ **F5** - Rust brown

JUNCTION BOX KIT:

☐ **IX651** - For palco micro and mini models
☐ **IX652** - For palco small model



FIXED SPIKE FOR GROUND / GARDEN APPLICATIONS:

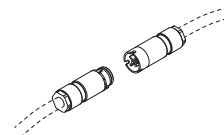
☐ **IX270** - For palco micro and mini models
14" (355mm)
☐ **IX271** - For palco small remote model
14" (355mm)



WATERPROOF IP68 FIELD CONNECTOR:

For Ø 0.15-0.27" (4-7mm) cable, 2poles 18-24 AWG conductors

☐ **9013-9014-KIT** - Male and female connector kit



REMOTE LED DRIVER OPTIONS (TO BE ORDERED SEPARATELY)

PALCO IN OUT MICRO : IPLCIO-C-BO-XXX-XX-XXX-XX							2.5W*
Watts	Voltage	Rated	Dimming protocol	Dimming range	Dimensions	Max distance**	Min-max units
<input type="checkbox"/> 4445-0850-022-120-LTE							7-8
22	120V	Indoor	Leading and trailing edge (ELV and TRIAC)	Down to ±5%	6" x 6" x 3" (152 x 152 x 76mm)	30ft(9m)	
<input type="checkbox"/> 4548-0850-024-UNV-D10							4-9
24	120-277V	Outdoor	0-10V	Down to ±10%	6" x 4.5" x 3" (152 x 114 x 76mm)	30ft(9m)	
<input type="checkbox"/> 4548-0840-026-120-LTE							6-10
26	120V	Outdoor	Leading and trailing edge (ELV and TRIAC)	Down to ±15%	6" x 4.5" x 3" (152 x 114 x 76mm)	30ft(9m)	
<input type="checkbox"/> 4450-0850-030-UNV-ED10							1-11
30	120-277V	Indoor	0-10V ELDOLED ECOdrive	Down to ±1%	8" x 8" x 4" (203 x 203 x 102mm)	118ft(36m)	
<input type="checkbox"/> 4549-0850-030-UNV-ED10							1-11
30	120-277V	Outdoor	0-10V ELDOLED ECOdrive	Down to ±1%	14.5" x 5" x 3.5" (368 x 127 x 89mm)	118ft(36m)	
<input type="checkbox"/> 4450-0850-030-UNV-SD10							1-11
30	120-277V	Indoor	0-10V ELDOLED SOLOdrive	Down to ±0.1%	8" x 8" x 4" (203 x 203 x 102mm)	118ft(36m)	
<input type="checkbox"/> 4549-0850-030-UNV-SD10							1-11
30	120-277V	Outdoor	0-10V ELDOLED SOLOdrive	Down to ±0.1%	14.5" x 5" x 3.5" (368 x 127 x 89mm)	118ft(36m)	
<input type="checkbox"/> 4450-0850-040-UNV-D10							4-15
40	120-277V	Indoor	0-10V	Down to ±10%	8" x 8" x 4" (203 x 203 x 102mm)	30ft(9m)	
<input type="checkbox"/> 4450-0850-046-UNV-ED10							1-18
46	120-277V	Indoor	0-10V ELDOLED ECOdrive	Down to ±1%	8" x 8" x 4" (203 x 203 x 102mm)	118ft(36m)	
<input type="checkbox"/> 4549-0850-046-UNV-ED10							1-18
46	120-277V	Outdoor	0-10V ELDOLED ECOdrive	Down to ±1%	14.5" x 5" x 3.5" (368 x 127 x 89mm)	118ft(36m)	
<input type="checkbox"/> 4450-0850-050-UNV-SD10 (2 channels)							1-20 ⁽¹⁾ MAX 18 per channel
50	120-277V	Indoor	0-10V ELDOLED SOLOdrive	Down to ±0.1%	8" x 8" x 4" (203 x 203 x 102mm)	118ft(36m)	
<input type="checkbox"/> 4549-0850-050-UNV-SD10 (2 channels)							1-20 ⁽¹⁾ MAX 18 per channel
50	120-277V	Outdoor	0-10V ELDOLED SOLOdrive	Down to ±0.1%	14.5" x 5" x 3.5" (368 x 127 x 89mm)	118ft(36m)	

* Wattage requirement for one (1) fixture (Remote fixture only).

**Calculated for 16AWG cable. Contact factory for longer remote distance.

⁽¹⁾ See the last page for the wiring diagram.

REMOTE LED DRIVER OPTIONS (TO BE ORDERED SEPARATELY)

PALCO IN OUT MINI: IPLCIO-N-BO-XXX-XX-XXX-XX							6.5W*
Watts	Voltage	Rated	Dimming protocol	Dimming range	Dimensions	Max distance**	Min-max units
<input type="checkbox"/> 4548-0500-012-120-LTE							1-2
12	120V	Outdoor	Leading and trailing edge (ELV and TRIAC)	Down to $\pm 15\%$	6" x 4.5" x 3" (152 x 114 x 76mm)	30ft(9m)	
<input type="checkbox"/> 4548-0500-020-UNV-D10							2-3
20	120-277V	Outdoor	0-10V	Down to $\pm 10\%$	6" x 4.5" x 3" (152 x 114 x 76mm)	30ft(9m)	
<input type="checkbox"/> 4444-0550-025-120-LTE							2-3
25	120V	Indoor	Leading and trailing edge (ELV and TRIAC)	Down to $\pm 15\%$	6" x 4" x 3" (152 x 102 x 76mm)	30ft(9m)	
<input type="checkbox"/> 4548-0500-025-120-LTE							2-4
25	120V	Outdoor	Leading and trailing edge (ELV and TRIAC)	Down to $\pm 15\%$	6" x 4.5" x 3" (152 x 114 x 76mm)	30ft(9m)	
<input type="checkbox"/> 4450-0550-030-UNV-ED10							1-4
30	120-277V	Indoor	0-10V ELDOLED ECOdrive	Down to $\pm 1\%$	8" x 8" x 4" (203 x 203 x 102mm)	118ft(36m)	
<input type="checkbox"/> 4549-0550-030-UNV-ED10							1-4
30	120-277V	Outdoor	0-10V ELDOLED ECOdrive	Down to $\pm 1\%$	14.5" x 5" x 3.5" (368 x 127 x 89mm)	118ft(36m)	
<input type="checkbox"/> 4450-0550-030-UNV-SD10							1-4
30	120-277V	Indoor	0-10V ELDOLED SOLOdrive	Down to $\pm 0.1\%$	8" x 8" x 4" (203 x 203 x 102mm)	118ft(36m)	
<input type="checkbox"/> 4549-0550-030-UNV-SD10							1-4
30	120-277V	Outdoor	0-10V ELDOLED SOLOdrive	Down to $\pm 0.1\%$	14.5" x 5" x 3.5" (368 x 127 x 89mm)	118ft(36m)	
<input type="checkbox"/> 4450-0550-030-UNV-D10							1-4
30	120-277V	Indoor	0-10V	Down to $\pm 10\%$	8" x 8" x 4" (203 x 203 x 102mm)	30ft(9m)	
<input type="checkbox"/> 4450-0550-050-UNV-SD10 (2 channels)							1-7 ⁽¹⁾ MAX 4 per channel
50	120-277V	Indoor	0-10V ELDOLED SOLOdrive	Down to $\pm 0.1\%$	8" x 8" x 4" (203 x 203 x 102mm)	118ft(36m)	
<input type="checkbox"/> 4549-0550-050-UNV-SD10 (2 channels)							1-7 ⁽¹⁾ MAX 4 per channel
50	120-277V	Outdoor	0-10V ELDOLED SOLOdrive	Down to $\pm 0.1\%$	14.5" x 5" x 3.5" (368 x 127 x 89mm)	118ft(36m)	

* Wattage requirement for one (1) fixture (Remote fixture only).

**Calculated for 16AWG cable. Contact factory for longer remote distance.

⁽¹⁾ See the last page for the wiring diagram.

REMOTE LED DRIVER OPTIONS (TO BE ORDERED SEPARATELY)

PALCO IN OUT SMALL: IPLCIO-S-BO-XXX-XX-XXX-XX							12W*
Watts	Voltage	Rated	Dimming protocol	Dimming range	Dimensions	Max distance**	Min-max units
<input type="checkbox"/>	4444-0350-015-120-LTE						1
15	120V	Indoor	Leading and trailing edge (ELV and TRIAC)	Down to ±15%	6" x 4" x 3" (152 x 102 x 76mm)	30ft(9m)	
<input type="checkbox"/>	4548-0350-019-UNV-D10						1
17	120-277V	Outdoor	0-10V	Down to ±10%	6" x 4.5" x 3" (152 x 114 x 76mm)	30ft(9m)	
<input type="checkbox"/>	4450-0350-019-UNV-ED10						1
19	120-277V	Indoor	0-10V ELDOLED ECOdrive	Down to ±1%	8" x 8" x 4" (203 x 203 x 102mm)	118ft(36m)	
<input type="checkbox"/>	4549-0350-019-UNV-ED10						1
19	120-277V	Outdoor	0-10V ELDOLED ECOdrive	Down to ±1%	14.5" x 5" x 3.5" (368 x 127 x 89mm)	118ft(36m)	
<input type="checkbox"/>	4450-0350-019-UNV-SD10						1
19	120-277V	Indoor	0-10V ELDOLED SOLOdrive	Down to ±0.1%	8" x 8" x 4" (203 x 203 x 102mm)	118ft(36m)	
<input type="checkbox"/>	4549-0350-019-UNV-SD10						1
19	120-277V	Outdoor	0-10V ELDOLED SOLOdrive	Down to ±0.1%	14.5" x 5" x 3.5" (368 x 127 x 89mm)	118ft(36m)	
<input type="checkbox"/>	4450-0350-019-UNV-D10						1
19	120-277V	Indoor	0-10V	Down to ±10%	8" x 8" x 4" (203 x 203 x 102mm)	30ft(9m)	
<input type="checkbox"/>	4548-0350-022-120-LTE						1
22	120V	Outdoor	Leading and trailing edge (ELV and TRIAC)	Down to ±15%	6" x 4.5" x 3" (152 x 114 x 76mm)	30ft(9m)	
<input type="checkbox"/>	4450-0350-033-UNV-D10						1-2
33	120-277V	Indoor	0-10V	Down to ±10%	8" x 8" x 4" (203 x 203 x 102mm)	30ft(9m)	
<input type="checkbox"/>	4450-0350-038-UNV-SD10 (2 channels)						1-2 ⁽¹⁾ MAX 1 per channel
38	120-277V	Indoor	0-10V ELDOLED SOLOdrive	Down to ±0.1%	8" x 8" x 4" (203 x 203 x 102mm)	118ft(36m)	
<input type="checkbox"/>	4549-0350-038-UNV-SD10 (2 channels)						1-2 ⁽¹⁾ MAX 1 per channel
38	120-277V	Outdoor	0-10V ELDOLED SOLOdrive	Down to ±0.1%	14.5" x 5" x 3.5" (368 x 127 x 89mm)	118ft(36m)	

* Wattage requirement for one (1) fixture (Remote fixture only).

**Calculated for 16AWG cable. Contact factory for longer remote distance.

⁽¹⁾ See the last page for the wiring diagram.

REMOTE LED DRIVER OPTIONS (TO BE ORDERED SEPARATELY)

PALCO IN OUT SMALL: IPLCIO-S-HO-XXX-XX-XXX-XX							15W*
Watts	Voltage	Rated	Dimming protocol	Dimming range	Dimensions	Max distance**	Min-max units
4445-0425-017-120-LTE							1
17	120V	Indoor	Leading and trailing edge (ELV and TRIAC)	Down to ±5%	6" x 6" x 3" (152 x 152 x 76mm)	30ft(9m)	
4450-0450-024-UNV-D10							1
24	120-277V	Indoor	0-10V	Down to ±10%	8" x 8" x 4" (203 x 203 x 102mm)	30ft(9m)	
4450-0450-024-UNV-ED10							1
24	120-277V	Indoor	0-10V ELDOLED ECOdrive	Down to ±1%	8" x 8" x 4" (203 x 203 x 102mm)	118ft(36m)	
4549-0450-024-UNV-ED10							1
24	120-277V	Outdoor	0-10V ELDOLED ECOdrive	Down to ±1%	14.5" x 5" x 3.5" (368 x 127 x 89mm)	118ft(36m)	
4450-0450-024-UNV-SD10							1
24	120-277V	Indoor	0-10V ELDOLED SOLOdrive	Down to ±0.1%	8" x 8" x 4" (203 x 203 x 102mm)	118ft(36m)	
4549-0450-024-UNV-SD10							1
24	120-277V	Outdoor	0-10V ELDOLED SOLOdrive	Down to ±0.1%	14.5" x 5" x 3.5" (368 x 127 x 89mm)	118ft(36m)	
4450-0450-049-UNV-SD10 (2 channels)							1-2 ⁽¹⁾ MAX 1 per channel
49	120-277V	Indoor	0-10V ELDOLED SOLOdrive	Down to ±0.1%	8" x 8" x 4" (203 x 203 x 102mm)	118ft(36m)	
4549-0450-049-UNV-SD10 (2 channels)							1-2 ⁽¹⁾ MAX 1 per channel
49	120-277V	Outdoor	0-10V ELDOLED SOLOdrive	Down to ±0.1%	14.5" x 5" x 3.5" (368 x 127 x 89mm)	118ft(36m)	

* Wattage requirement for one (1) fixture (Remote fixture only).

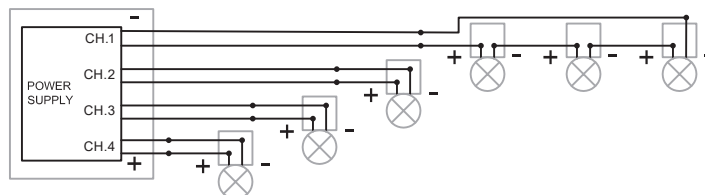
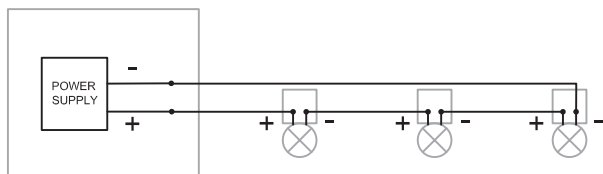
**Calculated for 16AWG cable. Contact factory for longer remote distance.

WIRING DIAGRAMS

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

⁽¹⁾ Luminaires must be connected on separate channels (1-4).


Multiple luminaires can be connected in series on a channel (home run or fixture chain). Do not exceed the wattage and voltage range on each channel.



ACCESSORIES (TO BE ORDERED SEPARATELY)

For the installation consult the instruction sheet.








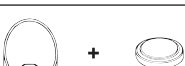



SINGLE ACCESSORIES			C - MICRO Ø1 3/16" (30mm)	N - MINI Ø2" (49mm)	S - SMALL Ø3 1/4" (83mm)
<p>Accessory support frame*</p>  <p>C - MICRO Ø1 3/16" (30mm) <input type="checkbox"/> IX243</p> <p>N - MINI Ø2" (49mm) <input type="checkbox"/> IX244</p> <p>S - SMALL Ø3 1/4" (83mm) <input type="checkbox"/> IX245</p> <p>Support frame finish</p> <p>01 - White <input type="checkbox"/></p> <p>02 - Black <input type="checkbox"/></p> <p>15 - Gray <input type="checkbox"/></p> <p>F5 - Rust brown <input type="checkbox"/></p>	Refractor for elliptical distribution	UNDER SUPPORT FRAME	IX259 <input type="checkbox"/>	IX260 <input type="checkbox"/>	IX261 <input type="checkbox"/>
	Diffuser lens		IX263 <input type="checkbox"/>	IX264 <input type="checkbox"/>	IX265 <input type="checkbox"/>
	Honeycomb louver		IX255 <input type="checkbox"/>	IX256 <input type="checkbox"/>	IX257 <input type="checkbox"/>
	Blade louver (black)	OVER SUPPORT FRAME			IX267 <input type="checkbox"/>
	Short snoot (black)		IX247 <input type="checkbox"/> L: 1 5/8" (40mm)	IX248 <input type="checkbox"/> L: 2 1/4" (55mm)	IX249 <input type="checkbox"/> L: 2 1/2" (64mm)
	45° Short snoot (black)		IX251 <input type="checkbox"/> L: 1 5/8" (34mm)	IX252 <input type="checkbox"/> L: 2 1/4" (55mm)	IX253 <input type="checkbox"/> L: 3 5/8" (90mm)
	Easy long snoot (black)		IX539 <input type="checkbox"/> L: 2 1/2" (61mm)	IX540 <input type="checkbox"/> L: 2 5/8" (55mm)	IX541 <input type="checkbox"/> L: 4 1/4" (106mm)
	Easy 45° Long snoot (black)		IX533 <input type="checkbox"/> L: 2 1/2" (64mm)	IX534 <input type="checkbox"/> L: 3 1/2" (87mm)	IX535 <input type="checkbox"/> L: 5 3/8" (137mm)

* Support frame necessary to install the accessories on the fixture.

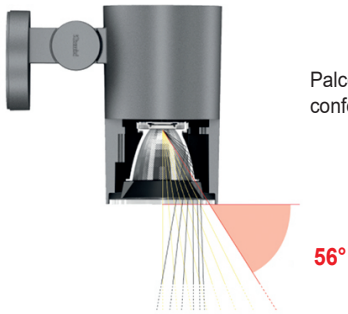
ACCESSORIES (TO BE ORDERED SEPARATELY)

For the installation consult the instruction sheet.

ACCESSORY COMBINATIONS		C - MICRO Ø1 3/16" (30mm)	N - MINI Ø2" (49mm)	S - SMALL Ø3 1/4" (83mm)
Accessory support frame*  C - MICRO Ø1 1/4" (30mm) <input type="checkbox"/> IX243 N - MINI Ø2" (49mm) <input type="checkbox"/> IX244 S - SMALL Ø3 1/4" (83mm) <input type="checkbox"/> IX245 Support frame finish 01 - White <input type="checkbox"/> 02 - Black <input type="checkbox"/> 15 - Gray <input type="checkbox"/> F5 - Rust brown <input type="checkbox"/>				IX267 + IX261 <input type="checkbox"/>
				IX267 + IX257 <input type="checkbox"/>
		IX247 + IX259 <input type="checkbox"/>	IX248 + IX260 <input type="checkbox"/>	IX249 + IX261 <input type="checkbox"/>
		IX247 + IX263 <input type="checkbox"/>	IX248 + IX264 <input type="checkbox"/>	IX249 + IX265 <input type="checkbox"/>
		IX247 + IX255 <input type="checkbox"/>	IX248 + IX256 <input type="checkbox"/>	IX249 + IX257 <input type="checkbox"/>
		IX251 + IX259 <input type="checkbox"/>	IX252 + IX260 <input type="checkbox"/>	IX253 + IX261 <input type="checkbox"/>
		IX251 + IX263 <input type="checkbox"/>	IX252 + IX264 <input type="checkbox"/>	IX253 + IX265 <input type="checkbox"/>
		IX251 + IX255 <input type="checkbox"/>	IX252 + IX256 <input type="checkbox"/>	IX253 + IX257 <input type="checkbox"/>

* Support frame necessary to install the accessories on the fixture.

VISUAL COMFORT

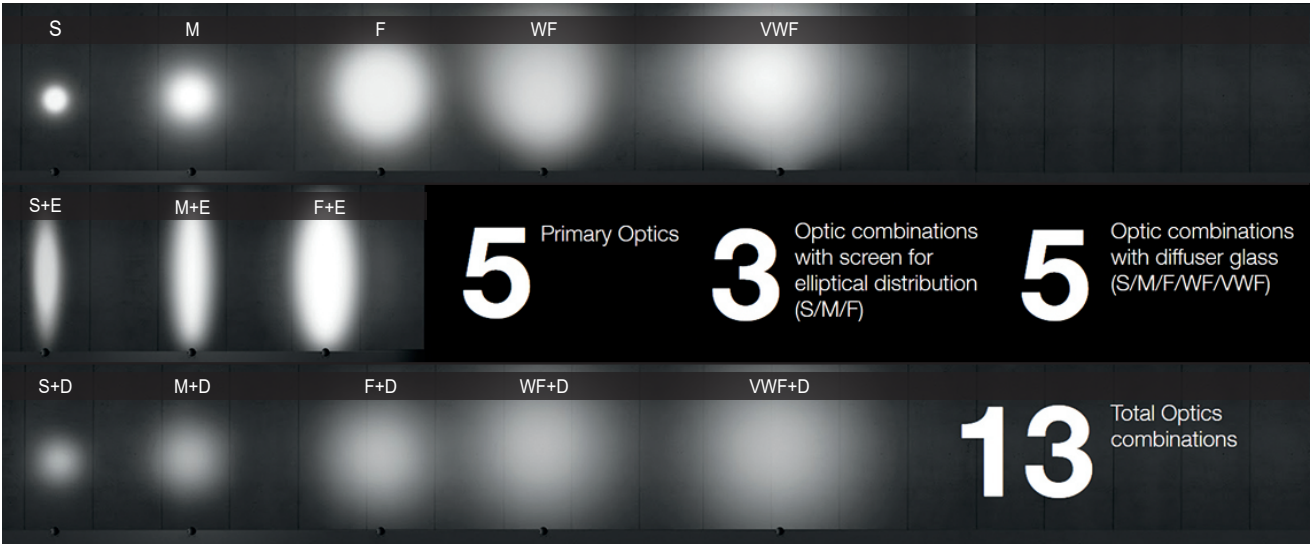


Palco InOut spotlights have a very high shielding angle that ensures visual confort in spatial terms whatever their orientation.

LUMEN MAINTENANCE

	C - MICRO Ø1¼" (30mm)	N - MINI Ø2" (49mm)	S - SMALL Ø3¼" (83mm)
L80 B10 (ta25°C (77°F))	>57 000H	>100 000H	>100 000H
L80 B10 (ta40°C (104°F))	>57 000H	>65 000H	>100 000H

PROFESSIONAL OPTICS



PROFESSIONAL ACCESSORIES



FAMILY OVERVIEW

Low voltage with remote LED driver



C - Micro
Ø1³/₁₆" (30mm)



SPOT
14°

MEDIUM
24°



N - Mini
Ø2" (49mm)



SPOT
16°

MEDIUM
24°

WIDE FLOOD
42°



S - Small
Ø3¹/₄" (83mm)



SPOT
15°

MEDIUM
25°

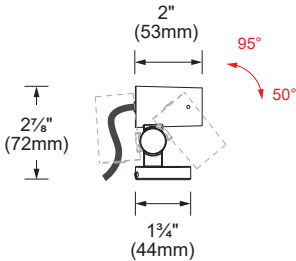
WIDE FLOOD
41°

VERY WIDE FLOOD
78°

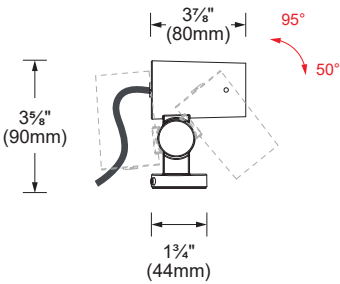
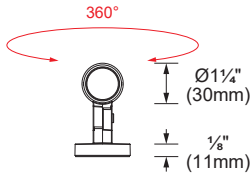
DIMENSIONS

Remote LED driver

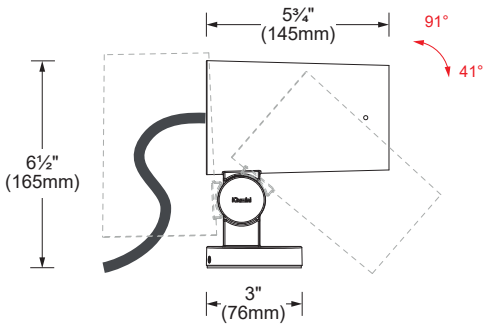
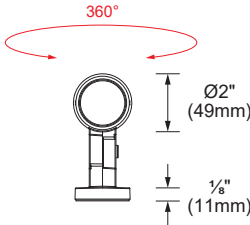
Supplied with 3ft (1m) of power cable
with anti-siphon device.



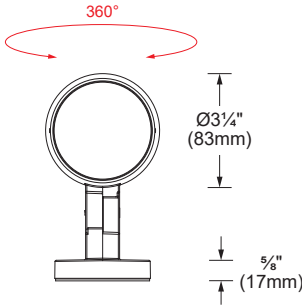
C - Micro
Ø1¹/₄" (30mm)



N - Mini
Ø2" (49mm)



S - Small
Ø3¹/₄" (83mm)



PHOTOMETRIC DATA

C - MICRO

Ø1 1/4" (30mm)

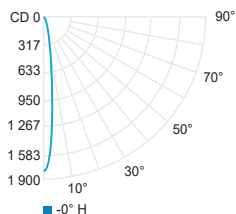


CCT (K)	CRI	OUTPUT	LOAD (W)*	OPTIC	LUMENS (lm)	EFFICACY (lm / W)	MAX CANDELA (cd)	MODELS
3000K	80	BO	2.5W	Spot 14°	162	64	1 802	IPLCIO-C-BO-830-SP
				Medium 24°	176	70	829	IPLCIO-C-BO-830-MD

* For products that uses a remote led driver, total system wattage will varies according to the efficacy of the remote led driver selected. For this reason, the load and efficacy values given in the table above refers to the led source only and does not include the led driver consumption.

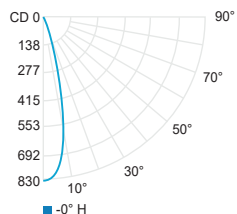
Use multiplier table for other CCT and CRI output data. Efficacy based on IESNA LM-79 test reports. Visit iguzzini.com/us for complete photometric data.

BO Spot 14° (3000K, 80CRI)



Center beam fc	Beam width ft
2ft 451	0.5
4ft 113	1.0
6ft 50.1	1.4
8ft 28.2	1.9
10ft 18.0	2.4
12ft 12.5	2.9

BO Medium 24° (3000K, 80CRI)



Center beam fc	Beam width ft
2ft 207	0.9
4ft 51.7	1.8
6ft 23.0	2.7
8ft 12.9	3.5
10ft 8.28	4.4
12ft 5.75	5.3

N - MINI

Ø2" (49mm)

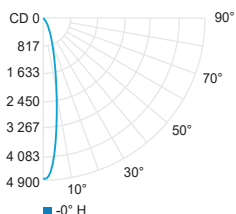


CCT (K)	CRI	OUTPUT	LOAD (W)*	OPTIC	LUMENS (lm)	EFFICACY (lm / W)	MAX CANDELA (cd)	MODELS
3000K	80	BO	6.1W	Spot 16°	483	79	4 896	IPLCIO-N-BO-830-SP
				Medium 24°	476	78	2 694	IPLCIO-N-BO-830-MD
				Wide flood 42°	379	62	798	IPLCIO-N-BO-830-WF

* For products that uses a remote led driver, total system wattage will varies according to the efficacy of the remote led driver selected. For this reason, the load and efficacy values given in the table above refers to the led source only and does not include the led driver consumption.

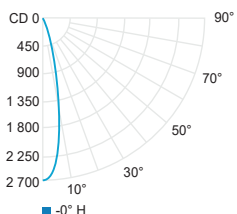
Use multiplier table for other CCT and CRI output data. Efficacy based on IESNA LM-79 test reports. Visit iguzzini.com/us for complete photometric data.

BO Spot 16° (3000K, 80CRI)



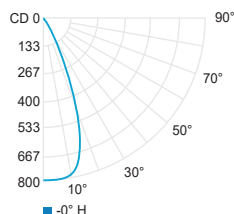
Center beam fc	Beam width ft
2ft 1 224	0.6
4ft 306	1.1
6ft 136	1.7
8ft 76.5	2.3
10ft 49.0	2.8
12ft 34.0	3.4

BO Medium 24° (3000K, 80CRI)



Center beam fc	Beam width ft
2ft 674	0.8
4ft 168	1.6
6ft 74.8	2.5
8ft 42.1	3.3
10ft 26.9	4.1
12ft 18.7	4.9

BO Wide flood 42° (3000K, 80CRI)

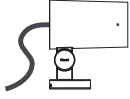


Center beam fc	Beam width ft
2ft 200	1.5
4ft 49.9	3.1
6ft 22.2	4.6
8ft 12.5	6.2
10ft 7.98	7.7
12ft 5.54	9.2

CCT options	2700K	3000K	4000K
CRI options	80CRI	80CRI	80CRI
Multiplier	0.97	1	1.03

PHOTOMETRIC DATA

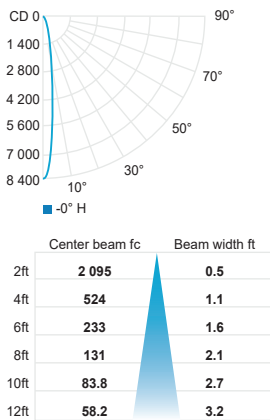
S - SMALL
Ø3¼" (83mm)



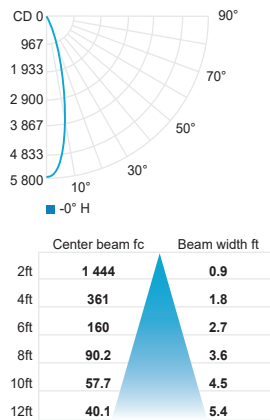
CCT (K)	CRI	OUTPUT	LOAD (W)*	OPTIC	LUMENS (lm)	EFFICACY (lm / W)	MAX CANDELA (cd)	MODELS
3000K	80	BO	12W	Spot 15°	1 242	103	8 380	IPLCIO-S-BO-830-SP
				Medium 25°	1 312	109	5 770	IPLCIO-S-BO-830-MD
				Wide flood 41°	1 422	118	3 335	IPLCIO-S-BO-830-WF
				Very wide flood 78°	1 512	126	1 122	IPLCIO-S-BO-830-VWF
		HO	15W	Spot 15°	1 552	103	10 475	IPLCIO-S-HO-830-SP
				Medium 25°	1 642	109	7 217	IPLCIO-S-HO-830-MD
				Wide flood 41°	1 777	118	4 168	IPLCIO-S-HO-830-WF
				Very wide flood 78°	1 889	125	1 403	IPLCIO-S-HO-830-VWF

* For products that uses a remote led driver, total system wattage will varies according to the efficacy of the remote led driver selected. For this reason, the load and efficacy values given in the table above refers to the led source only and does not include the led driver consumption.
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.

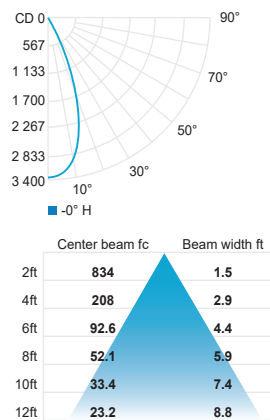
BO Spot 15° (3000K, 80CRI)



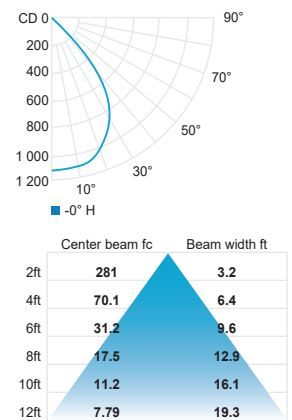
BO Medium 25° (3000K, 80CRI)



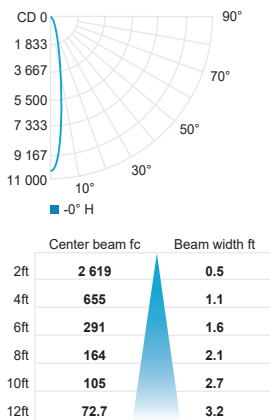
BO Wide flood 41° (3000K, 80CRI)



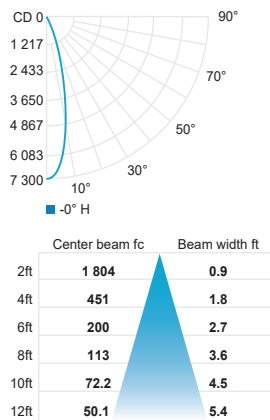
BO Very wide flood 78° (3000K, 80CRI)



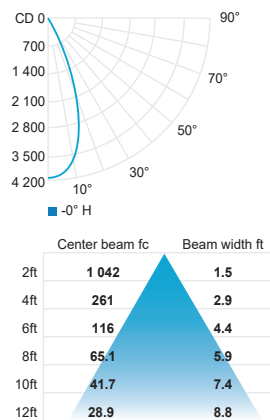
HO Spot 15° (3000K, 80CRI)



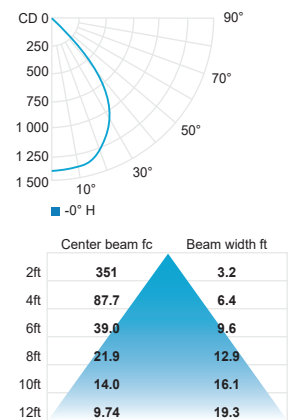
HO Medium 25° (3000K, 80CRI)



HO Wide flood 41° (3000K, 80CRI)



HO Very wide flood 78° (3000K, 80CRI)



CCT options	2700K	3000K	4000K
CRI options	80CRI	80CRI	80CRI
Multiplier	0.97	1	1.03