

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.

<b>Luminaire characteristic:</b>	Power input: 14W to 50.3W (system wattage) Lumens: 1242lm to 5397lm (for 3000K, 80CRI) Luminaire efficacy: Up to 126lm/W
<b>Source:</b>	White LED (LM-80), 2700K: 80CRI, 3000K: 80CRI, 4000K: 80CRI.
<b>Lumen maintenance:</b>	90% of initial lumens at 100 000 hours (L90 B10) Ta 77°F (25°C) 90% of initial lumens at 100 000 hours (L90 B10) Ta 104°F (40°C)
<b>Optic:</b>	Available in spot, medium, flood, wide flood and very wide flood optics.
<b>Material:</b>	Optical body, arm and accessory holder ring and 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.
<b>Mounting:</b>	Vertical or horizontal surface mount on 4" octagonal junction box or pole mount. See all mounting accessories on page 11. Supplied with adaptor plate and 6 inch (160mm) of power cable.
<b>Adjustment:</b>	Double adjustable allows a 360° rotation about the vertical, Adjustable +95°/5° from horizontal line.
<b>Electrical:</b>	Integral high efficiency dimmable LED driver, rated at 50 000 hours. 120V/277V.
<b>Dimming:</b>	0-10V (120-277V), down to 10%,
<b>Finish:</b>	Black, gray(RAL9007), rust brown 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.
<b>Operating temperature:</b>	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 for medium Ø4 1/16" (119mm) model: -30°C to 35°C (-22°F to 95°F); VHO for large Ø5 3/8" (137mm) model: -30°C to 50°C (-22°F to 122°F).
<b>Weight:</b>	Small: 2.86lb (1.30kg) Medium: 8.38lb (3.85kg) Large: 12.13lb (5.50kg) Extra large: 14.46lb (6.56kg)
<b>Warranty:</b>	5 year limited warranty.
<b>Ratings:</b>	IP66, IK07
<b>Certification:</b>	cULus listed for wet location.



**ORDERING INFO**



FIXTURE

MODEL	SIZE	OUTPUT	LED	OPTIC	VOLTAGE	FINISH	DIMMING
<b>IPLCIO</b>	<b>S</b> - Small Ø3¼" (83mm)  <b>M</b> - Medium 4 <sup>1</sup> / <sub>16</sub> " (119mm)  <b>L</b> - Large Ø5 3⁄8" (137mm)  <b>X</b> - Extra large 6 <sup>1</sup> / <sub>16</sub> " (153mm)	<b>HE</b> - High efficiency <sup>(1)</sup>  <b>BO</b> - Base output  <b>HO</b> - High output <sup>(2)</sup>  <b>VHO</b> - Very high output <sup>(1)</sup>	<b>827</b> - 2700K, 80CRI <sup>(3)</sup>  <b>830</b> - 3000K, 80CRI  <b>840</b> - 4000K, 80CRI	<b>SP</b> - Spot - Small (15°) - Medium(14°) - Large (9°)  <b>MD</b> - Medium - Small (25°) - Medium (25°) - Large (18°) - Extra large (16°)  <b>FL</b> - Flood - Large (28°) - Extra large(30°)  <b>WF</b> - Wide flood - Small (41°) - Medium (47°) - Large (41°) - Extra large (48°)  <b>VWF</b> - Very wide flood - Small (78°) - Medium (75°) - Large (79°) - Extra large (76°)	<b>UNV</b> - 120-277V	<b>01</b> White  <b>02</b> Black  <b>15</b> Gray  <b>F5</b> Rust brown	<b>D10</b> - 0-10V (down to 10%)

\* See page 1 for operating temperatures.

<sup>(1)</sup> Available for medium (M) and large (L) models.

<sup>(2)</sup> Available for medium (M) and large (L) models.

<sup>(3)</sup> Available for small (S) and medium (M) models.

<sup>(4)</sup> The dimming levels will vary depending on the dimmer used and the number of luminaires on the line.

**POLE-MOUNTED ACCESSORIES (TO BE ORDERED SEPARATELY)**

For the installation, consult the instruction sheet.

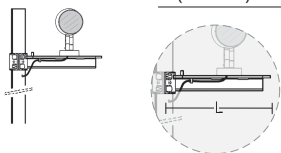
- 01 - White     02 - Black     15 - Gray     F5 - Rust brown

**POLE INSTALLATION WITH ARMS**

Pole ø: 4" (102mm)

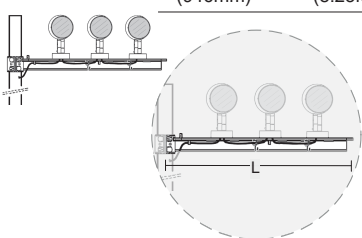
	Length	Weight	EPA
Arm for 1 floodlight	19 1/4" (488mm)	11.11lb (5.04kg)	0.33p <sup>2</sup> (0.031m <sup>2</sup> )

IX568



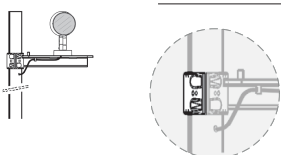
	Length	Weight	EPA
Arm for 2/3 floodlights	37 1/4" (946mm)	18.14lb (8.23kg)	0.64p <sup>2</sup> (0.060m <sup>2</sup> )

IX570



	Weight	EPA
Counter flange	4.76lb (2.16kg)	0.064p <sup>2</sup> (0.006m <sup>2</sup> )

I6161

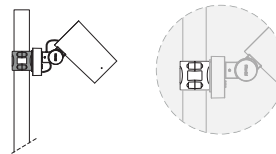


**POLE INSTALLATION WITH FLANGE**

Pole ø: 4" (102mm)

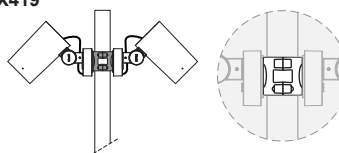
	Weight	EPA
Flange for 1 floodlight	3.52lb (1.60kg)	0.23p <sup>2</sup> (0.021m <sup>2</sup> )

IX417



	Weight	EPA
Flange for 2 floodlights	3.97lb (1.80kg)	0.23p <sup>2</sup> (0.021m <sup>2</sup> )

IX419



MODELS	EPA
<b>S</b> - Small Ø3 1/4" (83mm)	0.32p <sup>2</sup> (0.03m <sup>2</sup> )
<b>M</b> - Medium Ø4 3/4" (119mm)	0.54p <sup>2</sup> (0.05m <sup>2</sup> )
<b>L</b> - Large Ø5 3/8" (137mm)	0.75p <sup>2</sup> (0.07m <sup>2</sup> )
<b>X</b> - Extra large Ø6" (153mm)	0.86p <sup>2</sup> (0.08m <sup>2</sup> )

\*Calculated with cylindrical screen.  
To have the total EPA, add all the value EPA items in compositions

**MOUNTING ACCESSORIES (TO BE ORDERED SEPARATELY)**

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

**MULTIPLE SUPPORT**

For the installation, consult the instruction sheet.

I6014 - For 2 floodlights

37 1/8 x 9 1/4 x 5 1/2  
(962 x 236 x 141mm)

I6015 - For 3 floodlights

61 1/4 x 9 1/4 x 5 1/2  
(1560 x 236 x 141mm)



**FIXED SPIKE FOR GROUND / GARDEN APPLICATIONS**

IX272 - For palco small and medium integral models  
14" (355mm)



**WATERPROOF IP68 FIELD CONNECTOR**

For Ø 0.25" - 0.5" (7.1-13mm) cable, 5poles 16-22 AWG conductors

IX564 - Male connector

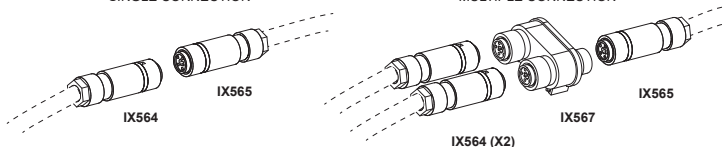
\*For multiple connection, order 2 male connectors

IX565 - Female connector

IX567 - Distributor block(1x male in / 2x female out)












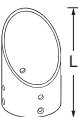
SINGLE CONNECTION

MULTIPLE CONNECTION



**ACCESSORIES (TO BE ORDERED SEPARATELY)**  
For the installation consult the instruction sheet.


















SINGLE ACCESSORIES			<b>S - SMALL</b> Ø3¼" (83mm)	<b>M - MEDIUM</b> Ø4¾" (119mm)	<b>L - LARGE</b> Ø5½" (137mm)	<b>X - EXTRA LARGE</b> Ø6" (153mm)	
<b>Accessory support frame*</b>   <b>S - SMALL</b> Ø3¼" (83mm) <input type="checkbox"/> IX245  <b>M - MEDIUM</b> Ø4¾" (119mm) <input type="checkbox"/> IX246  <b>L - LARGE</b> Ø5½" (137mm) <input type="checkbox"/> IX302  <b>X - EXTRA LARGE</b> Ø6" (153mm) <input type="checkbox"/> IX303  <b>Support frame finish</b> <b>01 - White</b> <input type="checkbox"/> <b>02 - Black</b> <input type="checkbox"/> <b>15 - Gray</b> <input type="checkbox"/> <b>F5 - Rust brown</b> <input type="checkbox"/>	Refractor for elliptical distribution 	<b>UNDER SUPPORT FRAME</b>	<input type="checkbox"/> IX261	<input type="checkbox"/> IX262	<input type="checkbox"/> IX310	<input type="checkbox"/> IX311	
	Diffuser lens 		<input type="checkbox"/> IX265	<input type="checkbox"/> IX266	<input type="checkbox"/> IX312	<input type="checkbox"/> IX313	
	Honeycomb louver 		<input type="checkbox"/> IX257	<input type="checkbox"/> IX258	<input type="checkbox"/> IX308	<input type="checkbox"/> IX309	
		Blade louver (black) 	<b>OVER SUPPORT FRAME</b>	<input type="checkbox"/> IX267	<input type="checkbox"/> IX268	<input type="checkbox"/> IX314	<input type="checkbox"/> IX315
		Protective grid 			<input type="checkbox"/> IX275	<input type="checkbox"/> IX318	<input type="checkbox"/> IX319
		Short snoot (black) 		<input type="checkbox"/> IX249 L: 2½" (64mm)	<input type="checkbox"/> IX250 L: 4" (100mm)	<input type="checkbox"/> IX304 L: 4¾" (118mm)	<input type="checkbox"/> IX305 L: 5½" (135mm)
		45° Short snoot (black) 		<input type="checkbox"/> IX253 L: 3¾" (90mm)	<input type="checkbox"/> IX254 L: 5½" (131mm)	<input type="checkbox"/> IX306 L: 6" (150mm)	<input type="checkbox"/> IX307 L: 6½" (166mm)
		Horizontal directional flap frame (black) 			<input type="checkbox"/> IX320 + IX269** A: 3" (77mm) B: 4" (101mm)	<input type="checkbox"/> IX321 + IX316** A: 3¾" (91mm) B: 4¾" (117mm)	<input type="checkbox"/> IX322 + IX317** A: 4¾" (111mm) B: 5" (129mm)
		Directional flap (max. 4) (black) 					
		Easy long snoot (black) 		<input type="checkbox"/> IX541 L: 4¼" (106mm)	<input type="checkbox"/> IX542 L: 5½" (147mm)	<input type="checkbox"/> IX543 L: 6¾" (170mm)	<input type="checkbox"/> IX544 L: 7½" (187mm)
	Easy 45° Long snoot (black) 	<input type="checkbox"/> IX535 L: 5¾" (137mm)		<input type="checkbox"/> IX536 L: 7" (178mm)	<input type="checkbox"/> IX537 L: 8" (201mm)	<input type="checkbox"/> IX538 L: 8½" (217mm)	

\* Support frame necessary to install the accessories on the fixture.  
 \*\* Specify the amount (max. 4) of flaps when ordering.



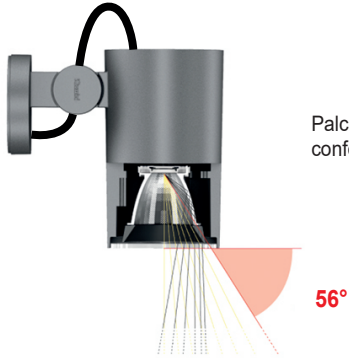
**ACCESSORIES (TO BE ORDERED SEPARATELY)**  
For the installation consult the instruction sheet.



ACCESSORY COMBINATIONS		<b>S - SMALL</b> Ø3¼" (83mm)	<b>M - MEDIUM</b> Ø4¾" (119mm)	<b>L - LARGE</b> Ø5½" (137mm)	<b>X - EXTRA LARGE</b> Ø6" (153mm)
Accessory support frame* 		IX267 + IX261 <input type="checkbox"/>	IX268 + IX262 <input type="checkbox"/>	IX314 + IX310 <input type="checkbox"/>	IX315 + IX311 <input type="checkbox"/>
		IX267 + IX257 <input type="checkbox"/>	IX268 + IX258 <input type="checkbox"/>	IX268 + IX308 <input type="checkbox"/>	IX268 + IX309 <input type="checkbox"/>
			IX275 + IX262 <input type="checkbox"/>	IX318 + IX310 <input type="checkbox"/>	IX319 + IX311 <input type="checkbox"/>
			IX275 + IX266 <input type="checkbox"/>	IX318 + IX312 <input type="checkbox"/>	IX319 + IX313 <input type="checkbox"/>
			IX275 + IX258 <input type="checkbox"/>	IX318 + IX308 <input type="checkbox"/>	IX319 + IX309 <input type="checkbox"/>
		IX249 + IX261 <input type="checkbox"/>	IX250 + IX262 <input type="checkbox"/>	IX304 + IX310 <input type="checkbox"/>	IX305 + IX311 <input type="checkbox"/>
		IX249 + IX265 <input type="checkbox"/>	IX250 + IX266 <input type="checkbox"/>	IX304 + IX312 <input type="checkbox"/>	IX305 + IX313 <input type="checkbox"/>
		IX249 + IX257 <input type="checkbox"/>	IX250 + IX258 <input type="checkbox"/>	IX304 + IX308 <input type="checkbox"/>	IX305 + IX309 <input type="checkbox"/>
		IX253 + IX261 <input type="checkbox"/>	IX254 + IX262 <input type="checkbox"/>	IX306 + IX310 <input type="checkbox"/>	IX307 + IX311 <input type="checkbox"/>
		IX253 + IX265 <input type="checkbox"/>	IX254 + IX266 <input type="checkbox"/>	IX306 + IX312 <input type="checkbox"/>	IX307 + IX313 <input type="checkbox"/>
Support frame finish <b>01 - White</b> <input type="checkbox"/> <b>02 - Black</b> <input type="checkbox"/> <b>15 - Gray</b> <input type="checkbox"/> <b>F5 - Rust brown</b> <input type="checkbox"/>		IX253 + IX257 <input type="checkbox"/>	IX254 + IX258 <input type="checkbox"/>	IX306 + IX308 <input type="checkbox"/>	IX307 + IX309 <input type="checkbox"/>
			IX320 + IX269 + IX262 <input type="checkbox"/>	IX321 + IX316 + IX310 <input type="checkbox"/>	IX317 + IX322 + IX311 <input type="checkbox"/>
			IX320 + IX269 + IX266 <input type="checkbox"/>	IX321 + IX316 + IX312 <input type="checkbox"/>	IX317 + IX322 + IX313 <input type="checkbox"/>
			IX320 + IX269 + IX258 <input type="checkbox"/>	IX321 + IX316 + IX308 <input type="checkbox"/>	IX317 + IX322 + IX309 <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 comfort in spatial terms whatever their orientation.

**LUMEN MAINTENANCE**

	<b>S - SMALL</b> Ø3¼" (83mm)	<b>M - MEDIUM</b> Ø4¾" (119mm)	<b>L - LARGE</b> Ø5½" (137mm)	<b>X- EXTRA LARGE</b> Ø6" (153mm)
L80 B10 T77°F (25°C)	69 000h			
L80 B10 T104°F (40°C)	80 000h			
L90 B10 T77°F (25°C)		100 000h	100 000h	100 000h
L90 B10 T104°F (40°C)		100 000h	100 000h	100 000h

**PROFESSIONAL OPTICS**

A grid of light distribution patterns for various optic combinations. The grid is organized into three rows and five columns. The top row shows the base optics: S, M, F, WF, VWF. The middle row shows combinations with elliptical distribution screens: S+E, M+E, F+E. The bottom row shows combinations with diffuser glass: S+D, M+D, F+D, WF+D, VWF+D. In the center of the grid, the number '5' is displayed next to the text 'Primary Optics'. To the right of this, the number '3' is displayed next to the text 'Optic combinations with screen for elliptical distribution (S/M/F)'. Further to the right, the number '5' is displayed next to the text 'Optic combinations with diffuser glass (S/M/F/WF/VWF)'. At the bottom right of the grid, the number '13' is displayed next to the text 'Total Optics combinations'.

**PROFESSIONAL ACCESSORIES**

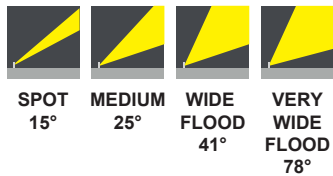


**FAMILY OVERVIEW**

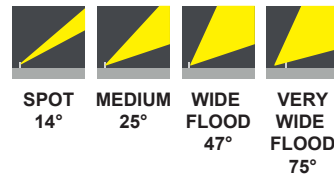
Line voltage version with integral LED driver



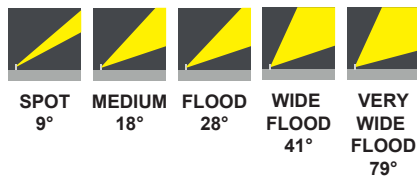
**S - Small**  
Ø3¼" (83mm)



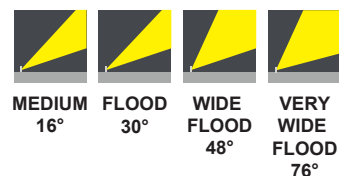
**M - Medium**  
Ø4¾" (119mm)



**L - Large**  
Ø5¾" (137mm)



**X - Extra large**  
Ø6" (153mm)

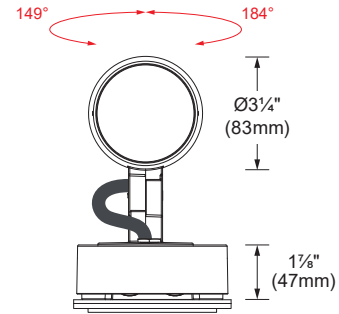
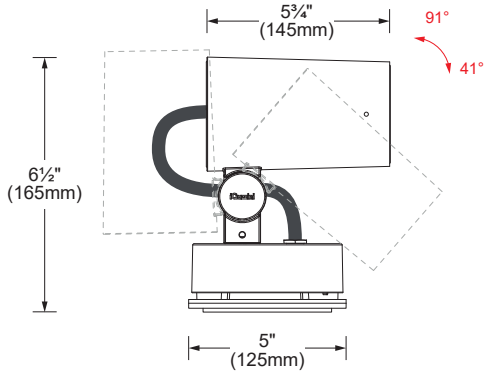


**DIMENSIONS**

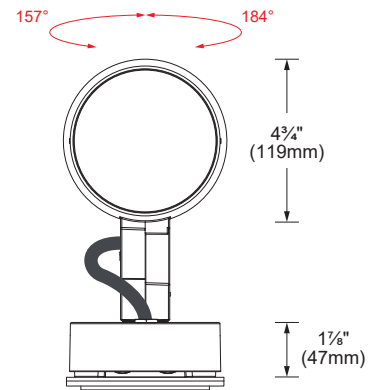
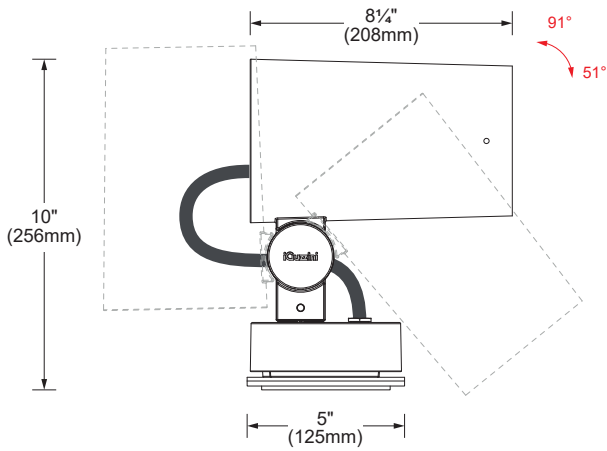
**Integral LED driver**

Supplied with junction box adaptor plate and 6 inches (160mm) of power cable. Waterproof connector accessories (page 11) can be used to extend cable length.

**S - Small**  
Ø3¼" (83mm)



**M - Medium**  
Ø4¼" (119mm)

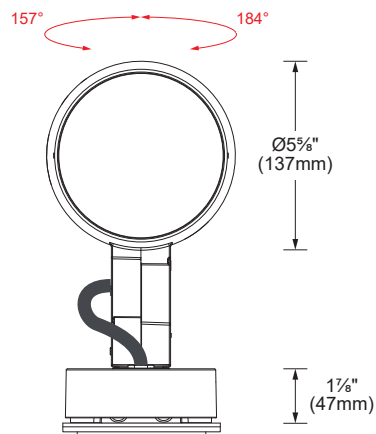
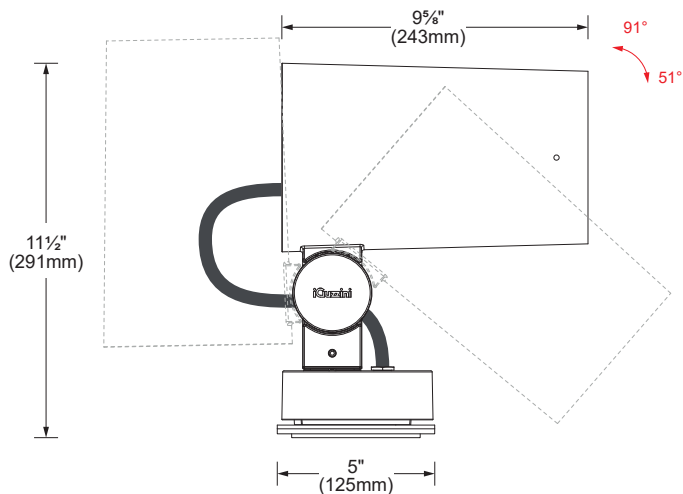


**DIMENSIONS**

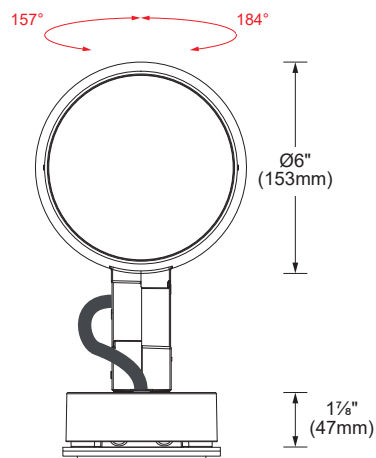
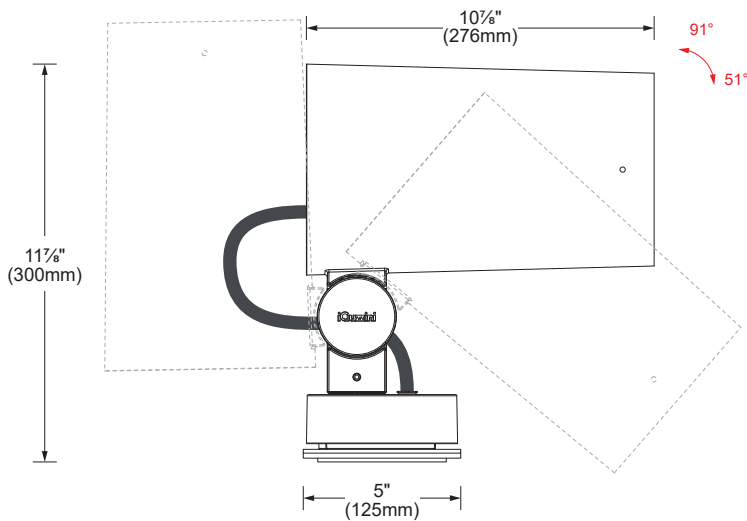
**Integral LED driver**

Supplied with junction box adaptor plate and 6 inches (160mm) of power cable. Waterproof connector accessories (page 11) can be used to extend cable length.

**L - Large**  
Ø5 5/8" (137mm)

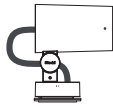


**X - Extra large**  
Ø6" (153mm)



**PHOTOMETRIC DATA**

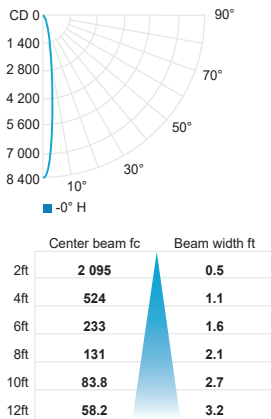
**S - SMALL**  
Ø3¼" (83mm)



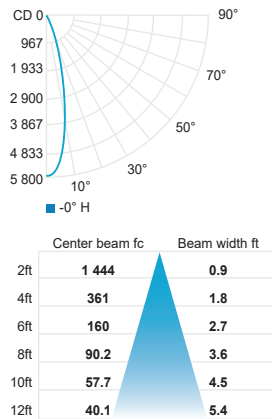
CCT (K)	CRI	OUTPUT	LOAD (W)	OPTIC	LUMENS (lm)	EFFICACY (lm / W)	MAX CANDELA (cd)	MODELS
3000K	80	BO	14W	Spot 15°	1 242	103	8 380	IPLCIO-S-BO-830-SP
				Medium 25°	1 312	109	5 770	IPLCIO-S-BO-830-MD
				Wide flood 41°	1 422	118	3 335	IPLCIO-S-BO-830-WF
				Very wide flood 78°	1 512	126	1 122	IPLCIO-S-BO-830-VWF

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.

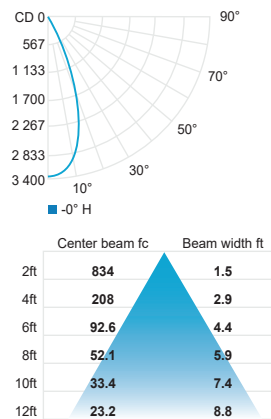
**BO Spot 15° (3000K, 80CRI)**



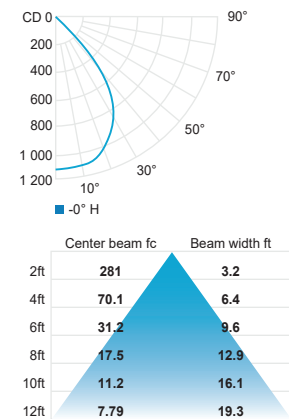
**BO Medium 25° (3000K, 80CRI)**



**BO Wide flood 41° (3000K, 80CRI)**



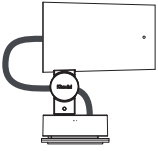
**BO Very wide flood 78° (3000K, 80CRI)**



CCT options	2700K	3000K	4000K
CRI options	80CRI	80CRI	80CRI
<b>Multiplier</b>	<b>0.97</b>	<b>1</b>	<b>1.03</b>

**PHOTOMETRIC DATA**

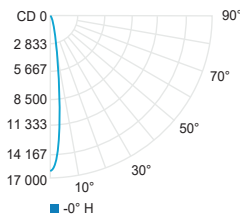
**M - MEDIUM**  
Ø4¾" (119mm)



CCT (K)	CRI	OUTPUT	LOAD (W)	OPTIC	LUMENS (lm)	EFFICACY (lm / W)	MAX CANDELA (cd)	MODELS
3000K	80	HE	13.6W	Spot 14°	1 440	105	16 259	IPLCIO-M-HE-830-SP
				Medium 25°	1 386	101	6 268	IPLCIO-M-HE-830-MD
		BO	15.8W	Wide flood 47°	1 496	94	2 741	IPLCIO-M-BO-830-WF
				Very wide flood 75°	1 722	108	1 231	IPLCIO-M-BO-830-VWF
		HO	18.4W	Spot 14°	1 760	95	19 872	IPLCIO-M-HO-830-SP
				Medium 25°	1 694	92	7 661	IPLCIO-M-HO-830-MD
		VHO	27.7W	Wide flood 47°	2 226	79	4 077	IPLCIO-M-VHO-830-WF
				Very wide flood 75°	2 562	91	1 832	IPLCIO-M-VHO-830-VWF

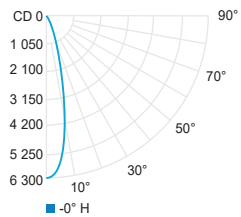
Use multiplier table for other CCT and CRI output data. Efficacy based on IESNA LM-79 test reports. Visit [iguzzini.com/us](http://iguzzini.com/us) for complete photometric data.

**HE Spot 14° (3000K, 80CRI)**



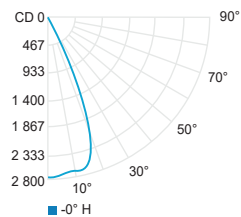
Center beam fc	Beam width ft
2ft	4 065 0.5
4ft	1 016 0.9
6ft	452 1.4
8ft	254 1.9
10ft	163 2.4
12ft	113 2.8

**HE Medium 25° (3000K, 80CRI)**



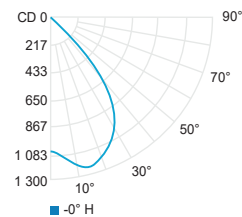
Center beam fc	Beam width ft
2ft	1 567 0.9
4ft	392 1.8
6ft	174 2.6
8ft	97.9 3.5
10ft	62.7 4.4
12ft	43.5 5.3

**BO Wide flood 47° (3000K, 80CRI)**



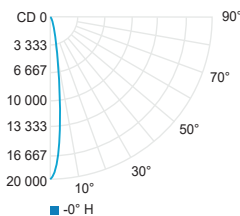
Center beam fc	Beam width ft
2ft	685 1.7
4ft	171 3.5
6ft	76.1 5.2
8ft	42.8 6.9
10ft	27.4 8.7
12ft	19.0 10.4

**BO Very wide flood 75° (3000K, 80CRI)**



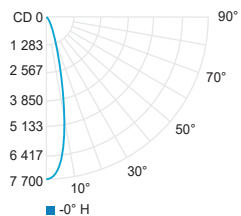
Center beam fc	Beam width ft
2ft	267 3.1
4ft	66.8 6.2
6ft	29.7 9.3
8ft	16.7 12.4
10ft	10.7 15.5
12ft	7.42 18.6

**HO Spot 14° (3000K, 80CRI)**



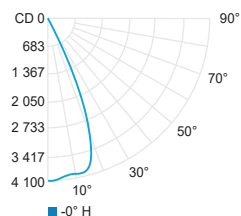
Center beam fc	Beam width ft
2ft	4 968 0.5
4ft	1 242 0.9
6ft	552 1.4
8ft	311 1.9
10ft	119 2.4
12ft	138 2.8

**HO Medium 25° (3000K, 80CRI)**



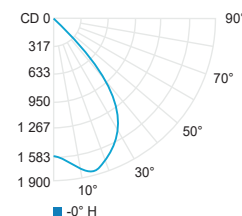
Center beam fc	Beam width ft
2ft	1 915 0.9
4ft	479 1.8
6ft	213 2.6
8ft	120 3.5
10ft	76.6 4.4
12ft	53.2 5.3

**VHO Wide flood 47° (3000K, 80CRI)**



Center beam fc	Beam width ft
2ft	1 019 1.7
4ft	255 3.5
6ft	113 5.2
8ft	63.7 6.9
10ft	40.8 8.7
12ft	28.3 10.4

**VHO Very wide flood 75° (3000K, 80CRI)**

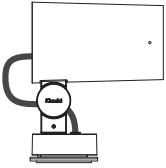


Center beam fc	Beam width ft
2ft	397 3.1
4ft	99.3 6.2
6ft	44.1 9.3
8ft	24.8 12.4
10ft	15.9 15.5
12ft	11.0 18.6

CCT options	2700K	3000K	4000K
CRI options	80CRI	80CRI	80CRI
<b>Multiplier</b>	<b>0.97</b>	<b>1</b>	<b>1.03</b>

**PHOTOMETRIC DATA**

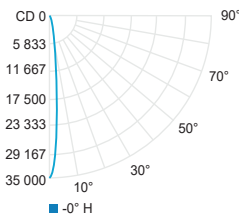
**L - LARGE**  
Ø5 3/8" (137mm)



CCT (K)	CRI	OUTPUT	LOAD (W)	OPTIC	LUMENS (lm)	EFFICACY (lm / W)	MAX CANDELA (cd)	MODELS
3000K	80	HE	16.9W	Spot 9°	1 320	78	34 512	IPLCIO-L-HE-830-SP
		BO	19.7W	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	26.2W	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	32W	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

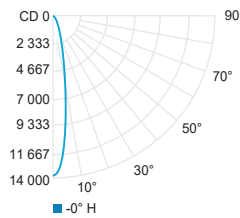
Use multiplier table for other CCT and CRI output data. Efficacy based on IESNA LM-79 test reports. Visit [iguzzini.com/us](http://iguzzini.com/us) for complete photometric data.

**HE Spot 9° (3000K, 80CRI)**



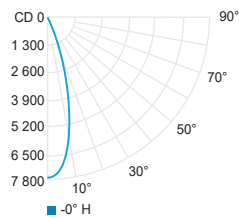
Center beam fc	Beam width ft
2ft	8 628 0.3
4ft	2 157 0.7
6ft	959 1.0
8ft	539 1.3
10ft	345 1.7
12ft	240 2.0

**BO Medium 18° (3000K, 80CRI)**



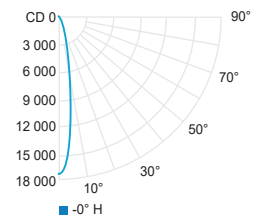
Center beam fc	Beam width ft
2ft	3 462 0.6
4ft	866 1.2
6ft	385 1.8
8ft	216 2.5
10ft	138 3.1
12ft	96.2 3.7

**BO Flood 28° (3000K, 80CRI)**



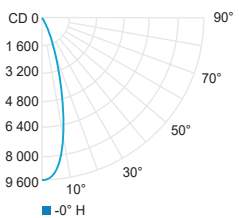
Center beam fc	Beam width ft
2ft	1 926 1.0
4ft	481 2.0
6ft	214 3.0
8ft	120 4.1
10ft	77.0 5.1
12ft	53.5 6.1

**HO Medium 18° (3000K, 80CRI)**



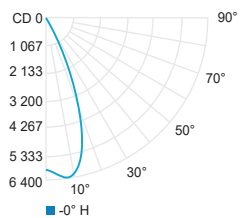
Center beam fc	Beam width ft
2ft	4 312 0.6
4ft	1 078 1.2
6ft	479 1.8
8ft	269 2.5
10ft	172 3.1
12ft	120 3.7

**HO Flood 28° (3000K, 80CRI)**



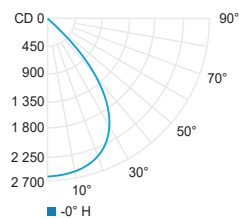
Center beam fc	Beam width ft
2ft	2 398 1.0
4ft	600 2.0
6ft	266 3.0
8ft	150 4.1
10ft	95.9 5.1
12ft	66.6 6.1

**VHO Wide flood 41° (3000K, 80CRI)**



Center beam fc	Beam width ft
2ft	1 493 1.5
4ft	373 3.0
6ft	166 4.5
8ft	93.3 5.9
10ft	59.7 7.4
12ft	41.5 8.9

**VHO Very wide flood 79° (3000K, 80CRI)**



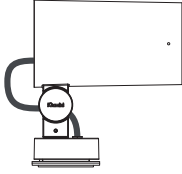
Center beam fc	Beam width ft
2ft	652 3.3
4ft	163 6.6
6ft	72.4 10.0
8ft	40.7 13.3
10ft	26.1 16.6
12ft	18.1 19.9

CCT options	3000K	4000K
CRI options	80CRI	80CRI
<b>Multiplier</b>	<b>1</b>	<b>1.03</b>



**PHOTOMETRIC DATA**

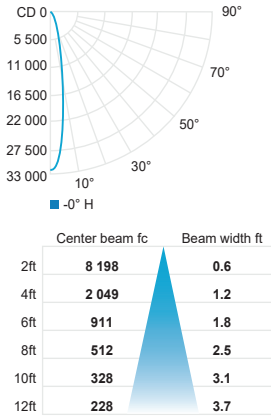
**X - EXTRA LARGE**  
Ø6" (153mm)



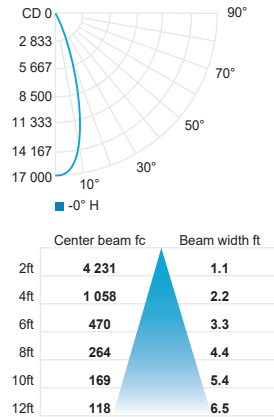
CCT (K)*	CRI	OUTPUT	LOAD (W)	OPTIC	LUMENS (lm)	EFFICACY (lm / W)	MAX CANDELA (cd)	MODELS
3000K	80	BO	50.3W	Medium 16°	4 762	94	32 791	IPLCIO-X-BO-830-MD
				Flood 30°	4 825	95	16 925	IPLCIO-X-BO-830-FL
				Wide flood 48°	4 889	97	9 337	IPLCIO-X-BO-830-WF
				Very wide flood 76°	5 397	107	3 918	IPLCIO-X-BO-830-VWF

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

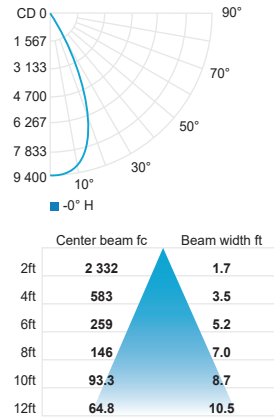
**BO Medium 16° (3000K, 80CRI)**



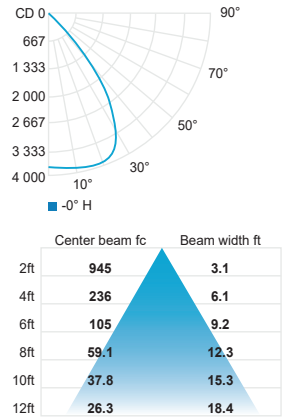
**BO Flood 30° (3000K, 80CRI)**



**BO Wide flood 48° (3000K, 80CRI)**



**BO Very wide flood 76° (3000K, 80CRI)**



CCT options	3000K	4000K
CRI options	80CRI	80CRI
<b>Multiplier</b>	<b>1</b>	<b>1.02</b>