Laser 96
RECESSED DOWNLIGHT - REMOTE

FIXED OPTICS

Ø3¾"
(Ø96mm)

Up to
4³⁄₁₆"
(107mm)

Ø4⅛"
(Ø104mm)

ADJUSTABLE OPTICS

Ø3¾"
(Ø96mm)

Up to
3¾"
(96mm)

Ø4⅛"
(Ø104mm)

FIXED

ADJUSTABLE

WALL WASHER

N.B. THE DIMENSIONS AND THE IMAGES MAY DIFFER FROM THE ACTUAL
PRODUCT DEPENDING ON THE CONFIGURATION.
(E.g., OPTIC TYPE, OPTIC AND FINISH.)

Collection of recessed downlights for architectural applications[1]. Excellent build quality with features for the most demanding professional applications. Available with complete light distributions offering fixed, adjustable and wall washer optics. Generous light outputs with excellent chromatic performance and enhanced visual comfort (UGR<10).

[1] Related products in the same family for other sizes: Laser 17, Laser 25, Laser 38 and Laser 75.

Luminaire characteristic:	Power input source: 17W, 14W or 10W Lumens for 3000K, 90CRI: Up to 1900lm Luminaire efficacy for 3000K, 90CRI: Up to 111lm/W
Source:	COB LED module 2700K: 90CRI, 3000K: 90CRI, 3500K: 90CRI, 4000K: 90CRI.
Lumen maintenance:	90% of initial lumens at 50 000 hours - L90 B10 (Ta 77°F / 25°C, LM-80)
Optic:	Deep recessed reflector available with medium, flood or very wide flood optic. Visual comfort: Up to UGR<10 Optical assembly hot aiming adjustment: • Comfort optic type: 30° tilt. • Super comfort optic type: 30° tilt and 355°pan. • Wall washer: Wall washer with lens.
Material:	Body: Die-cast aluminum optical assembly Reflector: Metalized polycarbonate Baffle: Painted thermoplastic Housing: Galvanized steel
Mounting:	Cut-out: Ø3¾" (Ø96mm) New construction with housing suitable for insulated ceiling or Chicago plenum (page 5).
Electrical:	High efficiency dimmable LED driver, rated at 50 000 hours. See remote LED driver options.
Finish:	Powder-coated body and painted metallized baffle. See page 2 for complete offering.
Weight:	Up to 1.01lb (0.46kg)
Warranty:	5 year limited warranty.
Rating:	IP20, IP44 (under the ceiling for trim fixed) IP20, IP23 (under the ceiling for trim adjustable)
Certification:	cULus listed for damp location. Interior use only.

DM - R4   Last update: February 26, 2026

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ORDERING INFO

CLICK HERE

CONFIGURE

PRODUCT CODE

INSTALLATION CODE

SHAPE	TRIM STYLE	INSTALLATION	LED	OPTIC TYPE	OPTIC	VOLTAGE	FINISH (trim finish / baffle finish)
R Round	**T** Trim	**IC** Insulated ceiling housing	**927** 2700K, 90CRI	**SGF** Comfort fixed	**MD** Medium 18°	**REM** Remote	**01** White / black
		CP Chicago plenum housing	**930** 3000K, 90CRI	**SGA** Comfort adjustable	**FL** Flood 30°/28°		**02** Black / black
			935 3500K, 90CRI	**SCF** Super comfort fixed	**WF** Wide flood 46°/54°/56°		**31** White / white
			940 4000K, 90CRI	**SCA** Super comfort adjustable			**41** [2] White / gold
				FWW [1] Fixed wall washer			**E4** [2] White / chrome
							E7 [2] White / black chrome
							E9 [2] White / gold matte

[1] No optic selection necessary when ordering the fixed wall washer (**FWW**) optic type.
[2] May require a longer lead time than standard. Please contact customer service for details.

01 White / Black

02 Black / Black

31 White / White

41 White / Gold

E4 White / Chrome

E7 White / Black chrome

E9 White / Gold matte

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REMOTE LED DRIVER OPTIONS
(TO BE ORDERED SEPARATELY)

Indoor rated drivers

PRODUCT CODE

0-10V

SGF / SGA / SCF	
Units¹	Driver box model

FWW	
Units¹	Driver box model

SCA	
Units¹	Driver box model

DALI

SGF / SGA / SCF	
Units¹	Driver box model

FWW	
Units¹	Driver box model

SCA	
Units¹	Driver box model

DRIVER BOX MODEL DESCRIPTION

DIMENSION	CONSTANT CURRENT	WATTAGE	VOLTAGE	DIMMING PROTOCOL ²
4444 6" x 4" x 3" (152 x 102 x 76mm) **4448** 10" x 8" x 4" (254 x 203 x 102mm) **4450** 8" x 8" x 4" (203 x 203 x 102mm)	**0300** 300mA **0400** 400mA **0500** 500mA	**012 to 100** 12W to 100W	**UNV** 120-277V	**D01** 0-10V Max distance: Up to 36m (118ft) ³ (down to 1%) **DA** ⁴ DALI Max distance: Up to 36m (118ft) ³ (down to 1%)

WIRING DIAGRAM EXAMPLES

⁽¹⁾ Luminaires must be connected in parallel or on separate outputs (1-4). Do not exceed the wattage and voltage range on each output.
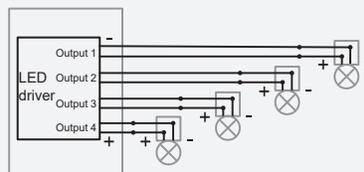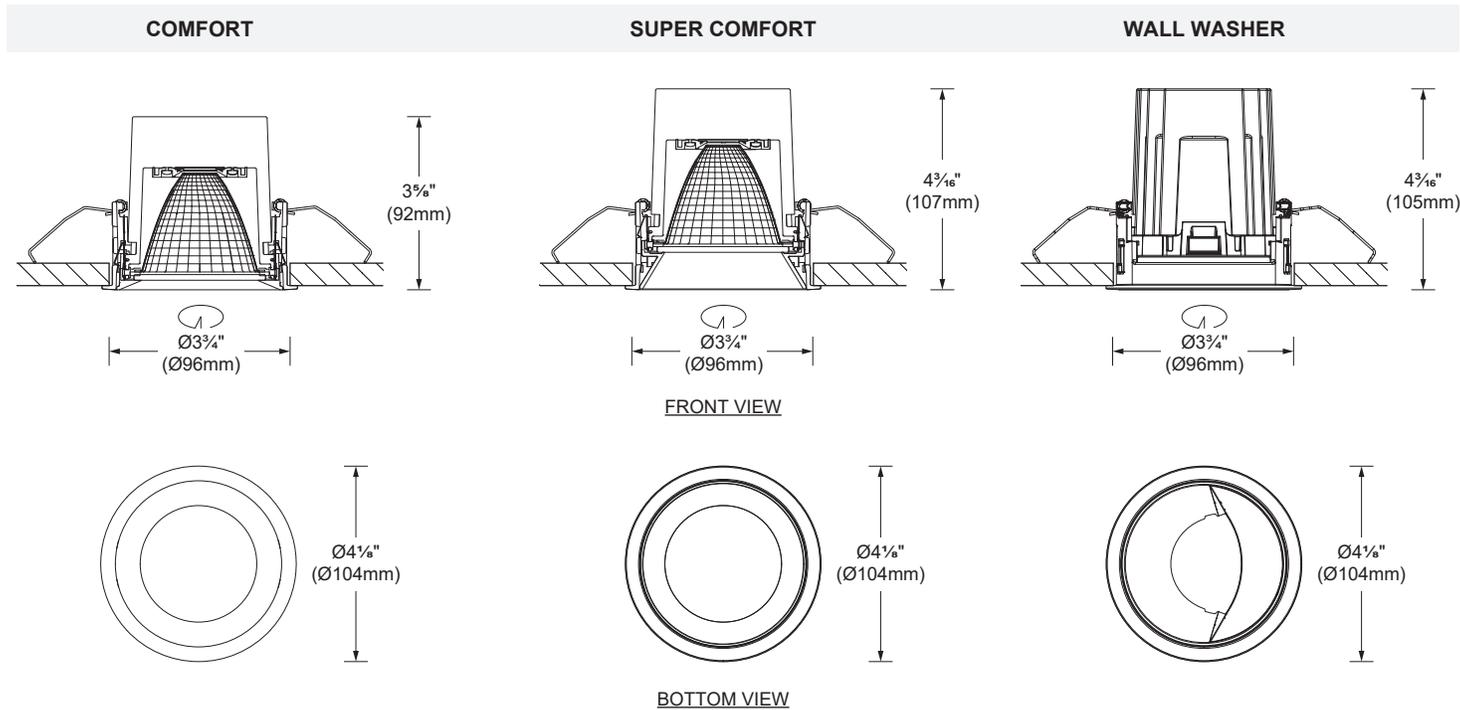

⁽²⁾ Dimming levels will vary depending on the dimmer used and the number of luminaires on the line.

⁽³⁾ Max distance cable calculated for 16AWG cable based on a single lighting fixture. Contact customer service for more lighting fixtures or longer remote distance
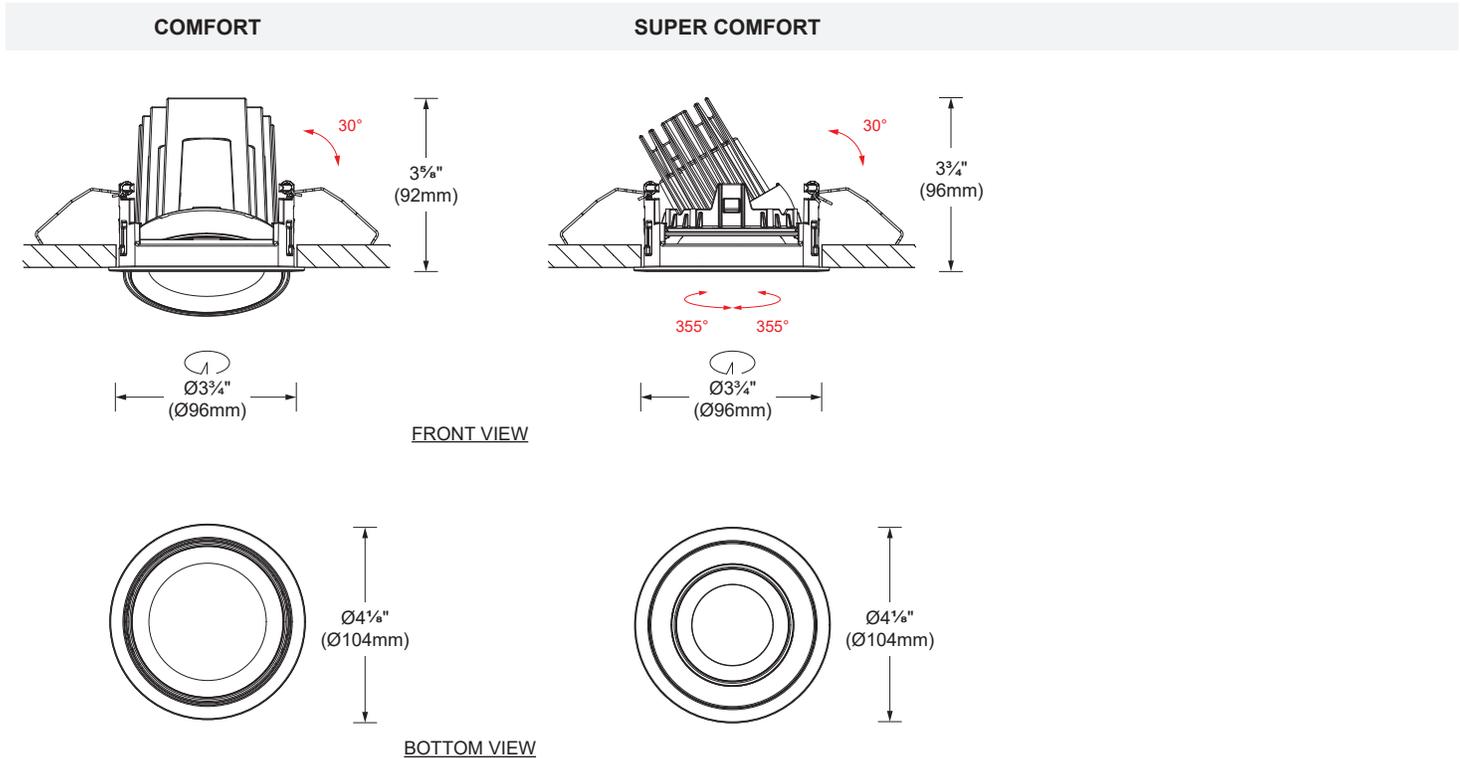
⁽⁴⁾ May require a longer lead time than standard. Please contact customer service for details.

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TRIM MODELS DIMENSIONS

FIXED OPTIC

COMFORT

3⅝"
(92mm)

Ø3¾"
(Ø96mm)

Ø4⅛"
(Ø104mm)

SUPER COMFORT

4³⁄₁₆"
(107mm)

Ø3¾"
(Ø96mm)

FRONT VIEW

Ø4⅛"
(Ø104mm)

BOTTOM VIEW

WALL WASHER

4³⁄₁₆"
(105mm)

Ø3¾"
(Ø96mm)

Ø4⅛"
(Ø104mm)

ADJUSTABLE OPTIC

COMFORT

30°

3⅝"
(92mm)

Ø3¾"
(Ø96mm)

FRONT VIEW

Ø4⅛"
(Ø104mm)

BOTTOM VIEW

SUPER COMFORT

30°

3¾"
(96mm)

355°   355°

Ø3¾"
(Ø96mm)

Ø4⅛"
(Ø104mm)

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INSTALLATION

New construction with housing suitable for insulated ceiling (IC) or Chicago plenum (CP)
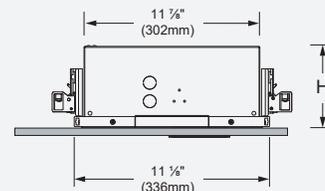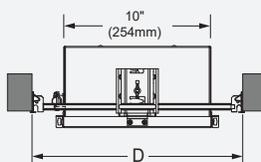
Housing with hanger bars system for new construction installations.
Suitable for insulated ceiling or Chicago plenum applications.
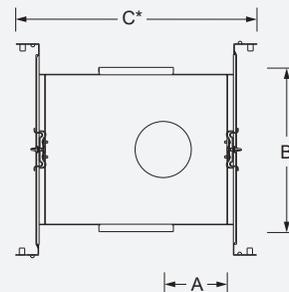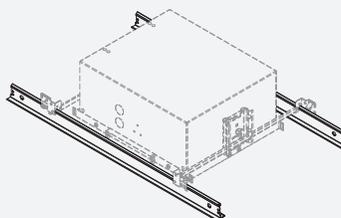Housing and trim can be shipped separately.

Ceiling thickness:
Trim: ¹⁄₁₆" to 1 ½" (1mm - 38mm)

Total weight:
Trim: 8.2 lb (3.7 kg)

10"
(254mm)
D

11 ⅞"
(302mm)
H
11 ⅛"
(336mm)

Hanger bars suitable for Grid ceiling

C*
B*
A

*Provide a minimum of 1 ⅞" (46mm) on each side for the hanger bar fixations

Model	Housing	Cut-out dimension	Cut-out position (A)	Max Overall dimensions (B*xC*)	Hanger bars (D)	Clearance (H)
Laser 96	BI-LAS96RT-IC/CP-REM	Ø 3 ¾" (Ø 96mm)	4 ⁵⁄₁₆" (110mm)	11" x 16 ⅛" (280 x 410mm)	14 ¼" to 26" (362 to 660mm)	5 ½" (140mm)

ACCESSORIES (TO BE ORDERED SEPARATELY)

	PRODUCT CODE	COMFORT FIXED (SGF)	COMFORT ADJUSTABLE (SGA)	SUPER COMFORT FIXED (SCF)	SUPER COMFORT ADJUSTABLE (SCA)
HONEYCOMB LOUVER	**IPC84-04** - Black	☐	☐	☐	
	IMY22-04 - Black				☐
SOFT LENS FILTER	**IMY46-24** - Clear transparent	☐	☐	☐	
	IMY23-65 - Nitric				☐
REFRACTOR LENS (for elliptical distribution)	**IPC86-24** - Clear transparent	☐	☐	☐	
REFRACTOR LENS (for elliptical distribution - medium)	**IMY24-24** - Clear transparent				☐
INTERNAL ANTI-GLARE RING (for White Trim finish - 31, 41, E4, E7, E9)	**IPC90-04** - Black		☐		

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PHOTOMETRIC DATA

COMFORT FIXED

CCT (K)	CRI	LOAD (W)*	OPTIC	LUMENS (lm)	EFFICACY (lm / W)	MAX CANDELA (cd)	MODELS
3000K	90	17W	Medium 18°	1 746	102	9 987	ILAS96RX-XX-930-SGFMD
			Flood 30°	1 812	106	6 408	ILAS96RX-XX-930-SGFFL
			Wide flood 56°	1 878	110	2 392	ILAS96RX-XX-930-SGFWF

* 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.

Medium 18° (3000K, 90CRI)

	Center beam fc	Beam width ft
2ft	2 497	0.7
4ft	624	1.3
6ft	277	2.0
8ft	156	2.6
10ft	100	3.3
12ft	69.4	4.0

Flood 30° (3000K, 90CRI)

	Center beam fc	Beam width ft
2ft	1 602	1.1
4ft	401	2.1
6ft	178	3.2
8ft	100	4.3
10ft	64.1	5.4
12ft	44.5	6.4

Wide flood 56° (3000K, 90CRI)

	Center beam fc	Beam width ft
2ft	598	2.1
4ft	150	4.2
6ft	66.5	6.3
8ft	37.4	8.4
10ft	23.9	10.4
12ft	16.6	12.5

COMFORT ADJUSTABLE

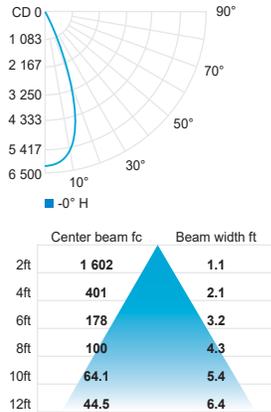| CCT (K)	CRI	LOAD (W)*	OPTIC	LUMENS (lm)	EFFICACY (lm / W)	MAX CANDELA (cd)	MODELS
3000K	90	17W	Medium 18°	1 753	103	10 033	ILAS96RX-XX-930-SGAMD
			Flood 30°	1 820	107	6 437	ILAS96RX-XX-930-SGAFL
			Wide flood 56°	1 887	111	2 403	ILAS96RX-XX-930-SGAWF

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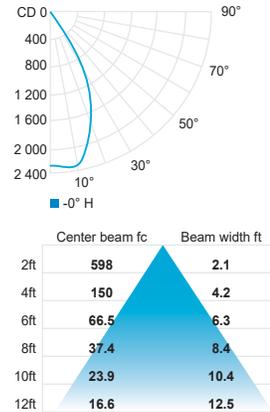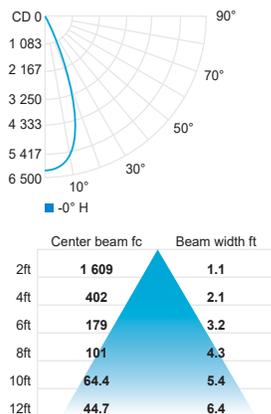
Medium 18° (3000K, 90CRI)

	Center beam fc	Beam width ft
2ft	2 508	0.7
4ft	627	1.3
6ft	279	2.0
8ft	157	2.6
10ft	100	3.3
12ft	69.7	4.0

Flood 30° (3000K, 90CRI)

	Center beam fc	Beam width ft
2ft	1 609	1.1
4ft	402	2.1
6ft	179	3.2
8ft	101	4.3
10ft	64.4	5.4
12ft	44.7	6.4

Wide flood 56° (3000K, 90CRI)

	Center beam fc	Beam width ft
2ft	601	2.1
4ft	150	4.2
6ft	66.8	6.3
8ft	37.6	8.4
10ft	24	10.4
12ft	16.7	12.5

CCT options	2700K	3000K	3500K	4000K
CRI options	90CRI	90CRI	90CRI	90CRI
Multiplier	**0.94**	**1**	**1.02**	**1.06**

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PHOTOMETRIC DATA

SUPER COMFORT FIXED

CCT (K)	CRI	LOAD (W)*	OPTIC	LUMENS (lm)	EFFICACY (lm / W)	MAX CANDELA (cd)	MODELS
3000K	90	17W	Medium 18°	1 679	98	9 422	ILAS96RX-XX-930-SCFMD
			Flood 30°	1 723	101	6 134	ILAS96RX-XX-930-SCFFL
			Wide flood 54°	1 900	111	2 540	ILAS96RX-XX-930-SCFWF

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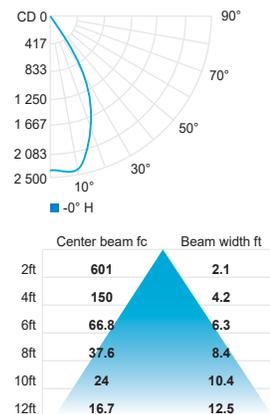
Medium 18° (3000K, 90CRI)

CD 0	90°
1 583	
3 167	70°
4 750	
6 333	50°
7 917	
9 500	30°
	10°

■ -0° H

	Center beam fc	Beam width ft
2ft	2 356	0.6
4ft	589	1.3
6ft	262	1.9
8ft	147	2.6
10ft	94.2	3.2
12ft	65.4	3.8

Flood 30° (3000K, 90CRI)

CD 0	90°
1 033	
2 067	70°
3 100	
4 133	50°
5 167	
6 200	30°
	10°

■ -0° H

	Center beam fc	Beam width ft
2ft	1 534	1.1
4ft	383	2.1
6ft	170	3.2
8ft	95.9	4.2
10ft	61.4	5.3
12ft	42.6	6.4
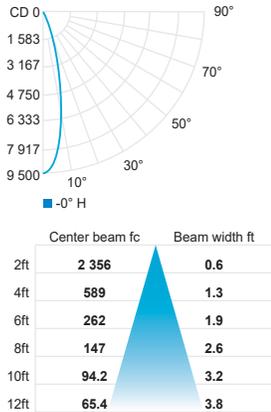
Wide flood 54° (3000K, 90CRI)

CD 0	90°
433	
867	70°
1 300	
1 733	50°
2 167	
2 600	30°
	10°

■ -0° H

	Center beam fc	Beam width ft
2ft	635	2.1
4ft	159	4.1
6ft	70.6	6.2
8ft	39.7	8.2
10ft	25.4	10.3
12ft	17.6	12.3

SUPER COMFORT ADJUSTABLE

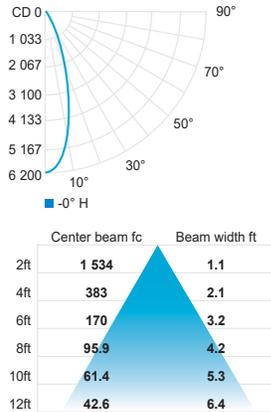| CCT (K)	CRI	LOAD (W)*	OPTIC	LUMENS (lm)	EFFICACY (lm / W)	MAX CANDELA (cd)	MODELS
3000K	90	10W	Medium 18°	1082	108	6 499	ILAS96RX-XX-930-SCAMD
			Flood 28°	1095	109	4 399	ILAS96RX-XX-930-SCAFL
			Wide flood 46°	1095	109	2 099	ILAS96RX-XX-930-SCAWF

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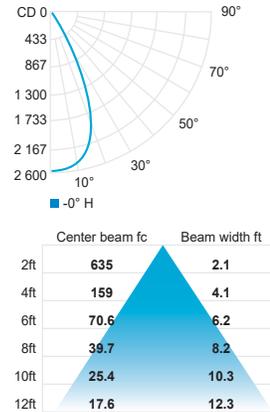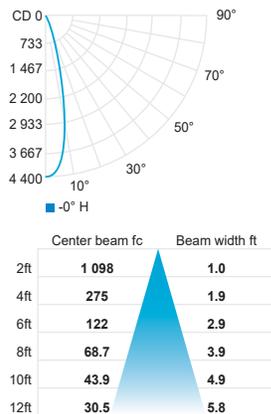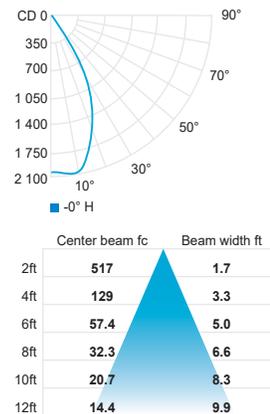
Medium 18° (3000K, 90CRI)

CD 0	90°
1 083	
2 167	70°
3 250	
4 333	50°
5 417	
6 500	30°
	10°

■ -0° H

	Center beam fc	Beam width ft
2ft	1 625	0.6
4ft	406	1.2
6ft	180	1.8
8ft	102	2.4
10ft	65.0	3.0
12ft	45.1	3.7

Flood 28° (3000K, 90CRI)

CD 0	90°
733	
1 467	70°
2 200	
2 933	50°
3 667	
4 400	30°
	10°

■ -0° H

	Center beam fc	Beam width ft
2ft	1 098	1.0
4ft	275	1.9
6ft	122	2.9
8ft	68.7	3.9
10ft	43.9	4.9
12ft	30.5	5.8
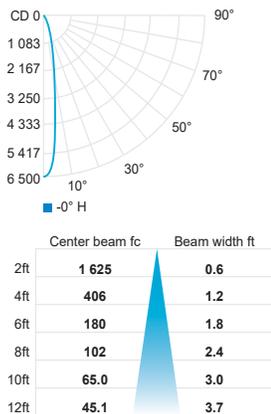
Wide flood 46° (3000K, 90CRI)

CD 0	90°
350	
700	70°
1 050	
1 400	50°
1 750	
2 100	30°
	10°

■ -0° H

	Center beam fc	Beam width ft
2ft	517	1.7
4ft	129	3.3
6ft	57.4	5.0
8ft	32.3	6.6
10ft	20.7	8.3
12ft	14.4	9.9

CCT options	2700K	3000K	3500K	4000K
CRI options	90CRI	90CRI	90CRI	90CRI
Multiplier	**0.94**	**1**	**1.02**	**1.06**

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PHOTOMETRIC DATA

WALL WASHER

CCT (K)	CRI	LOAD (W)*	OPTIC	LUMENS (lm)	EFFICACY (lm / W)	MAX CANDELA (cd)	MODELS
3000K	90	14W	Wall washer	938	67	706	ILAS96RX-XX-930-FWW

* 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.

Wall washer (3000K, 90CRI)

CCT options	2700K	3000K	3500K	4000K
CRI options	90CRI	90CRI	90CRI	90CRI
Multiplier	**0.94**	**1**	**1.02**	**1.06**

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