

Collection of recessed downlights for architectural applications<sup>1</sup>. 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).

<sup>(1)</sup> 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:  $\varnothing 3 \frac{3}{4}''$  (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.

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

## ORDERING INFO



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

<sup>(1)</sup> No optic selection necessary when ordering the fixed wall washer (FWW) optic type.  
<sup>(2)</sup> 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

## REMOTE LED DRIVER OPTIONS

(TO BE ORDERED SEPARATELY)

### Indoor rated drivers

PRODUCT CODE

#### 0-10V

SGF / SGA / SCF	
Units <sup>1</sup>	Driver box model

FWW	
Units <sup>1</sup>	Driver box model

SCA	
Units <sup>1</sup>	Driver box model

#### DALI

SGF / SGA / SCF	
Units <sup>1</sup>	Driver box model

FWW	
Units <sup>1</sup>	Driver box model

SCA	
Units <sup>1</sup>	Driver box model

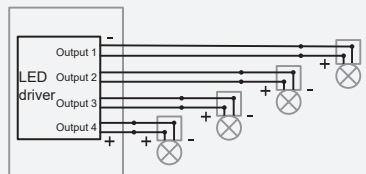
### DRIVER BOX MODEL DESCRIPTION

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

### WIRING DIAGRAM EXAMPLES



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



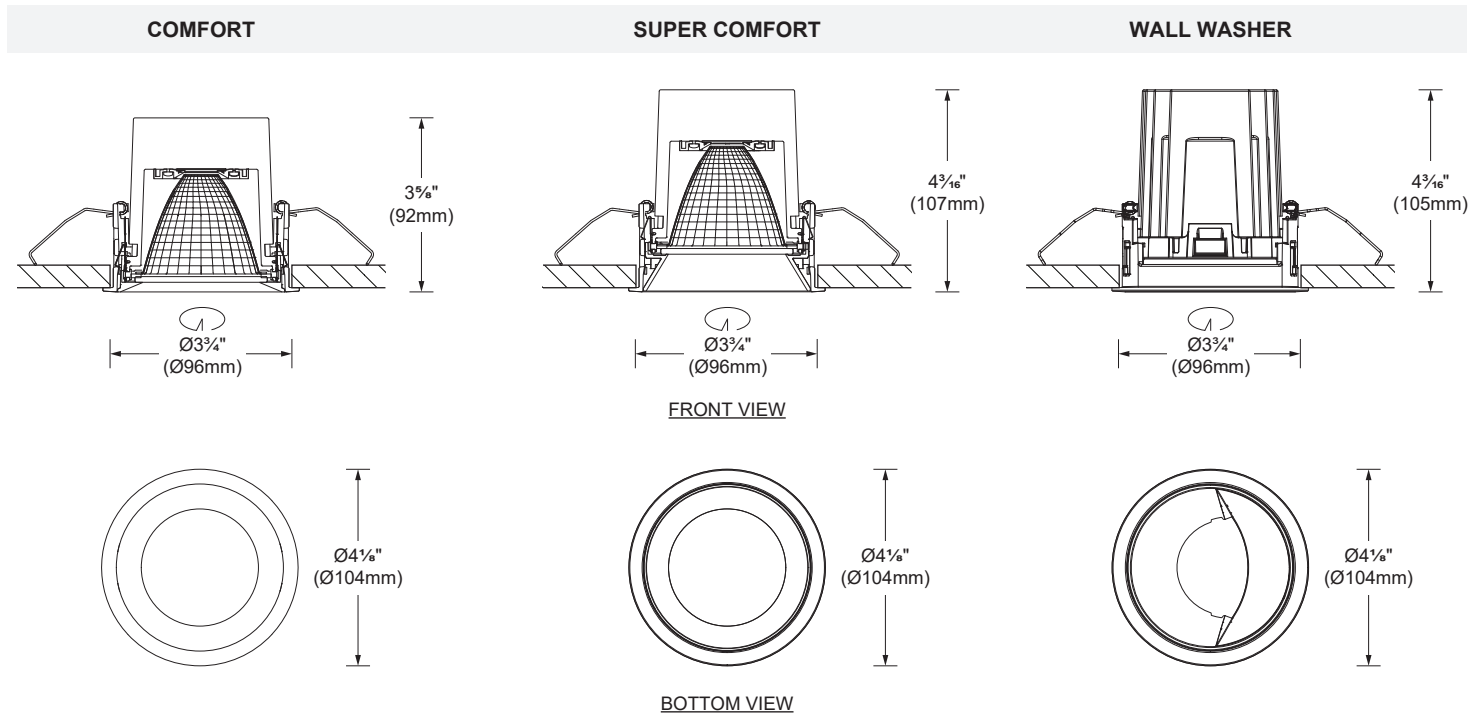
<sup>(2)</sup> Dimming levels will vary depending on the dimmer used and the number of luminaires on the line.

<sup>(3)</sup> Max distance cable calculated for 16AWG cable based on a single lighting fixture. Contact customer service for more lighting fixtures or longer remote distance

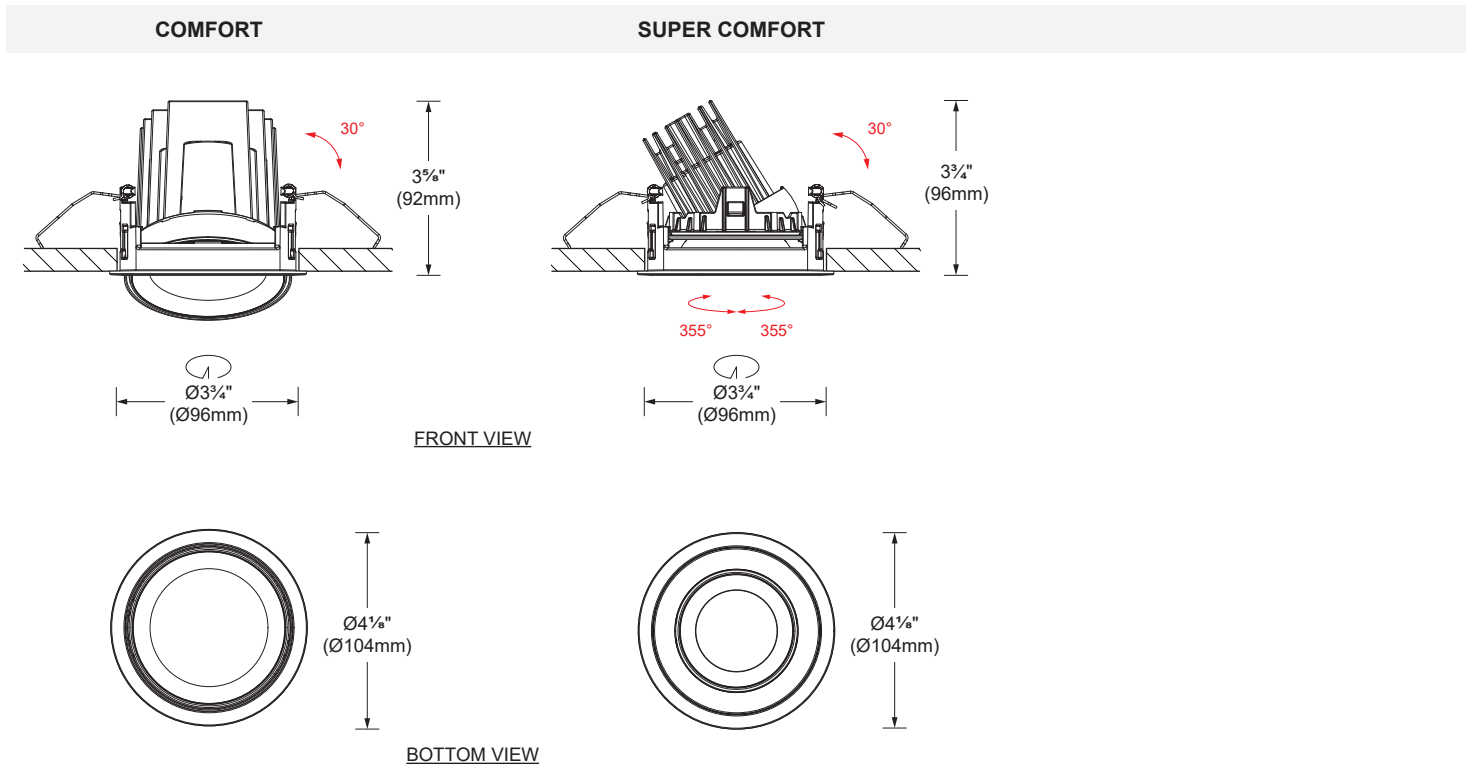
<sup>(4)</sup> May require a longer lead time than standard. Please contact customer service for details.

**TRIM MODELS DIMENSIONS**

FIXED OPTIC



ADJUSTABLE OPTIC



## INSTALLATION

### New construction with housing suitable for insulated ceiling (IC) or Chicago plenum (CP)

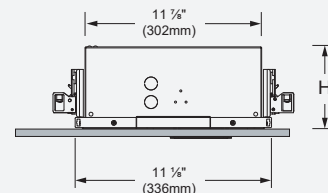
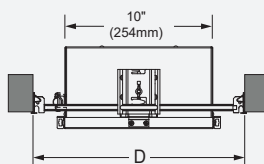
Housing with hanger bars system for new construction installations. Suitable for insulated ceiling or Chicago plenum applications. Housing and trim can be shipped separately.

#### Ceiling thickness:

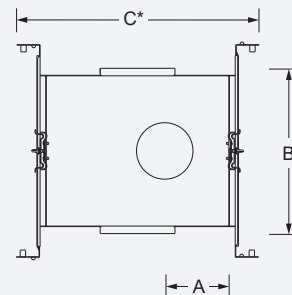
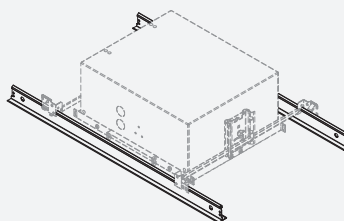
Trim: 1/16" to 1 1/2" (1mm - 38mm)

#### Total weight:

Trim: 8.2 lb (3.7 kg)



Hanger bars suitable for Grid ceiling



\*Provide a minimum of 1 1/8" (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 3/4" (Ø 96mm)	4 5/16" (110mm)	11" x 16 1/8" (280 x 410mm)	14 1/4" to 26" (362 to 660mm)	5 1/2" (140mm)

## ACCESSORIES (TO BE ORDERED SEPARATELY)

		PRODUCT CODE	COMFORT FIXED	COMFORT ADJUSTABLE	SUPER COMFORT FIXED	SUPER COMFORT ADJUSTABLE
REFRACTOR LENS (for elliptical distribution)	<b>IPC86.024</b> - Clear transparent	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
REFRACTOR LENS (for elliptical distribution - medium)	<b>MY24.024</b> - Clear transparent				<input type="checkbox"/>	
INTERNAL ANTI-GLARE RING (for White Trim finish - 31, 41, E4, E7, E9)	<b>PC90.004</b> - Black			<input type="checkbox"/>		

## PHOTOMETRIC DATA

### COMFORT FIXED

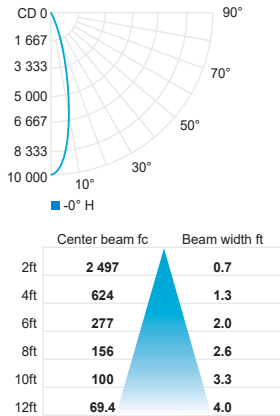


CCT (K)	CRI	LOAD (W)*	OPTIC	LUMENS (lm)	EFFICACY (lm / W)	MAX CANDELA (cd)	MODELS
3000K	90	17W	Medium 18°	1 746	102	9 987	ILAS96RX-XX-930-SGFMD
			Flood 30°	1 812	106	6 408	ILAS96RX-XX-930-SGFLL
			Wide flood 56°	1 878	110	2 392	ILAS96RX-XX-930-SGFWF

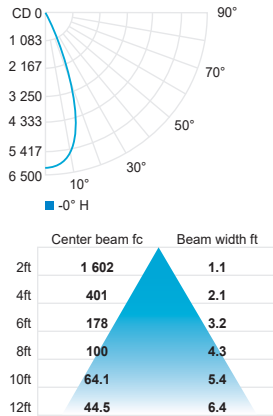
\* For products that uses a remote led driver, total system wattage will varies according to the efficacy of the remote led driver selected. For this reason, the load and efficacy values given in the table above refers to the led source only and does not include the led driver consumption.

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

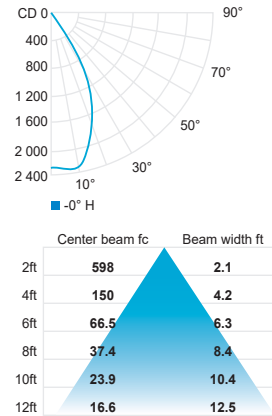
Medium 18° (3000K, 90CRI)



Flood 30° (3000K, 90CRI)



Wide flood 56° (3000K, 90CRI)



### COMFORT ADJUSTABLE

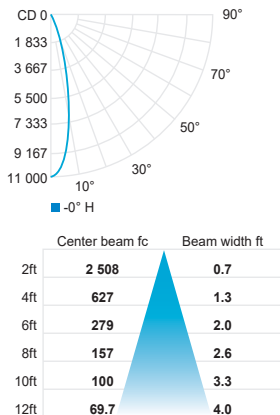


CCT (K)	CRI	LOAD (W)*	OPTIC	LUMENS (lm)	EFFICACY (lm / W)	MAX CANDELA (cd)	MODELS
3000K	90	17W	Medium 18°	1 753	103	10 033	ILAS96RX-XX-930-SGAMD
			Flood 30°	1 820	107	6 437	ILAS96RX-XX-930-SGAFL
			Wide flood 56°	1 887	111	2 403	ILAS96RX-XX-930-SGAWF

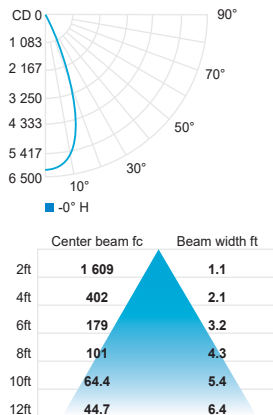
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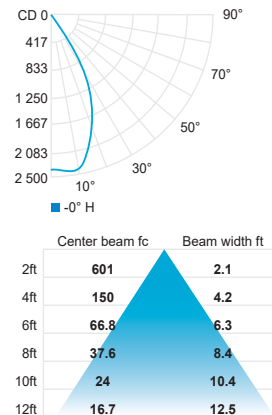
Medium 18° (3000K, 90CRI)



Flood 30° (3000K, 90CRI)



Wide flood 56° (3000K, 90CRI)



CCT options	2700K	3000K	3500K	4000K
CRI options	90CRI	90CRI	90CRI	90CRI
<b>Multiplier</b>	<b>0.94</b>	<b>1</b>	<b>1.02</b>	<b>1.06</b>

## PHOTOMETRIC DATA

### SUPER COMFORT FIXED

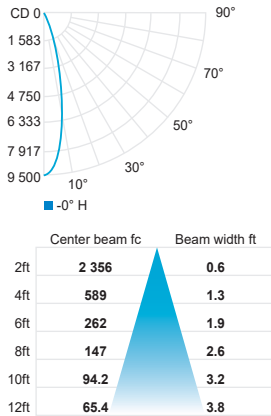


CCT (K)	CRI	LOAD (W)*	OPTIC	LUMENS (lm)	EFFICACY (lm / W)	MAX CANDELA (cd)	MODELS
3000K	90	17W	Medium 18°	1 679	98	9 422	ILAS96RX-XX-930-SCFMD
			Flood 30°	1 723	101	6 134	ILAS96RX-XX-930-SCFFL
			Wide flood 54°	1 900	111	2 540	ILAS96RX-XX-930-SCFWF

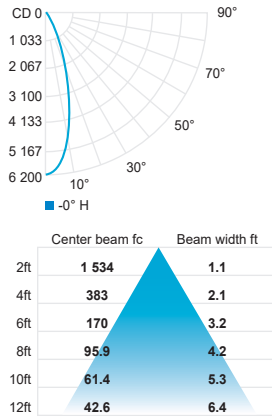
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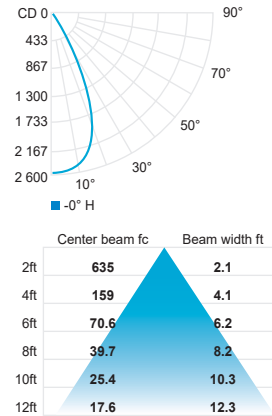
Medium 18° (3000K, 90CRI)



Flood 30° (3000K, 90CRI)



Wide flood 54° (3000K, 90CRI)



### SUPER COMFORT ADJUSTABLE

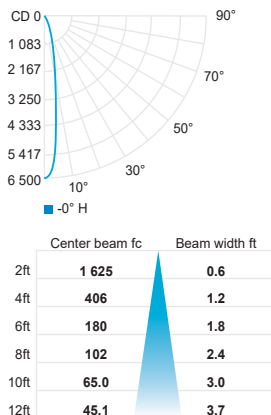


CCT (K)	CRI	LOAD (W)*	OPTIC	LUMENS (lm)	EFFICACY (lm / W)	MAX CANDELA (cd)	MODELS
3000K	90	10W	Medium 18°	1082	108	6 499	ILAS96RX-XX-930-SCAMD
			Flood 28°	1095	109	4 399	ILAS96RX-XX-930-SCAFL
			Wide flood 46°	1095	109	2 099	ILAS96RX-XX-930-SCAWF

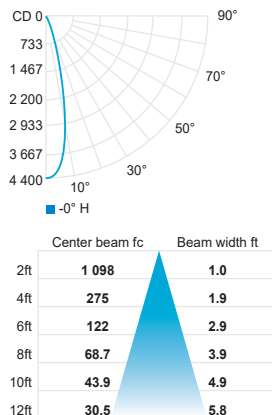
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Use multiplier table for other CCT and CRI output data. Efficacy based on IESNA LM-79 test reports. Visit [iguzzini.com/us](http://iguzzini.com/us) for complete photometric data.

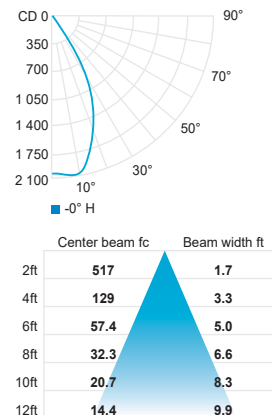
Medium 18° (3000K, 90CRI)



Flood 28° (3000K, 90CRI)



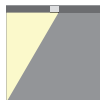
Wide flood 46° (3000K, 90CRI)



CCT options	2700K	3000K	3500K	4000K
CRI options	90CRI	90CRI	90CRI	90CRI
<b>Multiplier</b>	<b>0.94</b>	<b>1</b>	<b>1.02</b>	<b>1.06</b>

## PHOTOMETRIC DATA

### WALL WASHER

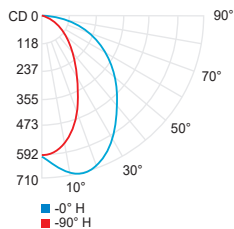


CCT (K)	CRI	LOAD (W)*	OPTIC	LUMENS (lm)	EFFICACY (lm / W)	MAX CANDELA (cd)	MODELS
3000K	90	14W	Wall washer	938	67	706	ILAS96RX-XX-930-FWW

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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.

Wall washer (3000K, 90CRI)



CCT options	2700K	3000K	3500K	4000K
CRI options	90CRI	90CRI	90CRI	90CRI
<b>Multiplier</b>	<b>0.94</b>	<b>1</b>	<b>1.02</b>	<b>1.06</b>