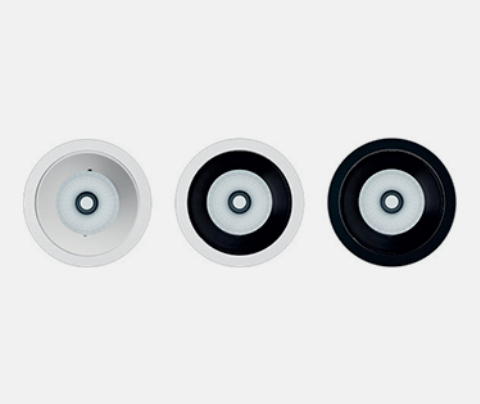








Collection of recessed downlights for architectural applications. Excellent build quality with features for the most demanding professional applications. Available in 2 apertures with complete light distributions offering fixed, adjustable and wall washer optics. Generous light outputs with excellent chromatic performance and enhanced visual comfort (UGR<16).

Luminaire characteristic:	**Power input:** 3.2W to 6.5W **Lumens:** 125lm to 430lm (for 3000K, 90CRI) **Luminaire efficacy:** Up to 75lm/W
Source:	COB LED module (LM-80) 2700K: 90CRI, 3000K: 90CRI, 3500K: 80CRI, 90CRI, 4000K: 80CRI, 90CRI,
Lumen maintenance:	80% of initial lumens at 50 000 hours (L80) (LM-79),
Optic:	**Fixed:** Deep recessed reflector available with medium or flood optic. **Adjustable:** Deep recessed reflector available with medium or flood optic. Optical assembly hot aiming adjustment: 30° tilt. **Wall washer:** Wall washer. **Visual comfort:** UGR < 16
Material:	Body: Die-cast aluminum optical assembly Reflector: Metalized polycarbonate Baffle: Painted thermoplastic
Mounting:	Remodel, new construction with plaster frame, new construction housing or chicago plenum rated housing, suitable for insulated ceiling.
Electrical:	High efficiency LED driver, rated at 50 000 hours. See remote LED driver options on page 3-5.
Finish:	Powder coated body and painted metallized baffle. See page 2 for complete offering.
Weight:	2.55lbs (1.16kg).
Warranty:	5 year limited warranty.
Rating:	IP20.
Certification:	cULus listed for damp location. Interior use only.

iGuzzini NORTH AMERICA
9320 Boul. St-Laurent, suite 100, Montréal (Québec) Canada H2N 1N7, P.: 514.523.1339 F.: 514.525.6107 www.sistemalux.com

ORDERING INFO

ILAS38 R T - - - - REM - - LAS38 R T -

FIXTURE INSTALLATION

RESET

SHAPE

■ **R -** Round

MOUNTING

■ **T -** Trim

INSTALLATION

☐ **RF -** Remodel ☐ **NC -** New construction ☐ **IC -** Insulated ceiling ☐ **CP -** Chicago plenum

OUTPUT

☐ **BO -** Base output[1] ☐ **HO -** High output[2]

LED

☐ **927 -** 2700K, 90CRI ☐ **930 -** 3000K, 90CRI ☐ **835 -** 3500K, 80CRI ☐ **840 -** 4000K, 80CRI
☐ **935 -** 3500K, 90CRI ☐ **940 -** 4000K, 90CRI

ORIENTATION

☐ **F -** Fixed ☐ **A -** Adjustable

OPTIC

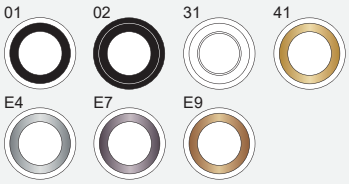
☐ **MD -** Medium 26°[3] ☐ **FL -** Flood 40°[3] ☐ **WW -** Wall washer[4][5]

VOLTAGE

■ **REM -** Remote

FINISH (trim finish / baffle finish)

☐ **01 -** White / black ☐ **02 -** Black / black ☐ **31 -** White / white ☐ **41 -** White / gold[6]
☐ **E4 -** White / chrome[6] ☐ **E7 -** White / black chrome[6] ☐ **E9 -** White / gold matte[6]



[1] Available for remodel (**RF**), new construction with plaster frame (**NC**) and Chicago Plenum (**CP**) installation.
[2] Available for insulated ceiling with housing (**IC**) and Chicago Plenum (**CP**) installation.
[3] Available with **927**, **930**, **935**, **940** LED.
[4] Available with **927**, **930**, **835**, **840** LED.
[5] Available with fixed (**F**) orientation.
[6] May require a longer lead time than standard. Please contact customer service for details.

iGuzzini NORTH AMERICA
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REMOTE LED DRIVER OPTIONS
(TO BE ORDERED SEPARATELY)

ILAS38 • FIXED • BO • 4.2W* - medium, flood

Min-max units	Watts	Voltage	Rated	Dimming protocol	Dimming range	Connexion box dimensions	Max distance**	Connection box
1-2	**12**	120V	Indoor	Leading and trailing edge (ELV and TRIAC)	Down to ±15%	6" x 4" x 3" (152 x 102 x 76mm)	30ft (9m)	**4444-0350-012-120-LTE** ☐
1-4	**18**	120-277V	Indoor	Lutron Hi Lume® 0.1% EcoSystem™ (Soft-on, Fade to Black)	Down to ±0.1%	6" x 4" x 3" (152 x 102 x 76mm)	30ft (9m)	**4444-0350-018-UNV-D2** ☐
1-4	**19**	120-277V	Indoor	0-10V	Down to ±10%	8" x 8" x 4" (203 x 203 x 102mm)	30ft (9m)	**4450-0350-019-UNV-D10** ☐
1-4	**19**	120-277V	Indoor	Dali ELDOLED ECOdrive	Down to ±1%	8" x 8" x 4" (203 x 203 x 102mm)	118ft (36m)	**4450-0350-019-UNV-EDA** ☐
1-4	**19**	120-277V	Indoor	0-10V ELDOLED ECOdrive	Down to ±1%	8" x 8" x 4" (203 x 203 x 102mm)	118ft (36m)	**4450-0350-019-UNV-ED10** ☐
1-4	**19**	120-277V	Indoor	0-10V ELDOLED SOLOdrive	Down to ±0.1%	8" x 8" x 4" (203 x 203 x 102mm)	118ft (36m)	**4450-0350-019-UNV-SD10** ☐

* Wattage requirement for one (1) fixture (remote fixture only).
** Calculated for 16AWG cable. Contact customer service for longer remote distance.

ILAS38 • FIXED • HO • 6.6W* - medium, flood

Min-max units	Watts	Voltage	Rated	Dimming protocol	Dimming range	Connexion box dimensions	Max distance**	Connection box
1	**09**	120V	Indoor	Leading and trailing edge (ELV and TRIAC)	Down to ±15%	6" x 4" x 3" (152 x 102 x 76mm)	30ft (9m)	**4444-0500-009-120-LTE** ☐
1-4	**20**	120-277V	Indoor	Lutron Hi Lume® 0.1% EcoSystem™ (Soft-on, Fade to Black)	Down to ±0.1%	6" x 4" x 3" (152 x 102 x 76mm)	30ft (9m)	**4444-0550-020-UNV-D2** ☐
1-4	**30**	120-277V	Indoor	0-10V	Down to ±10%	8" x 8" x 4" (203 x 203 x 102mm)	30ft (9m)	**4450-0550-030-UNV-D10** ☐
1-4	**30**	120-277V	Indoor	Dali ELDOLED ECOdrive	Down to ±1%	8" x 8" x 4" (203 x 203 x 102mm)	118ft (36m)	**4450-0550-030-UNV-EDA** ☐
1-4	**30**	120-277V	Indoor	0-10V ELDOLED ECOdrive	Down to ±1%	8" x 8" x 4" (203 x 203 x 102mm)	118ft (36m)	**4450-0550-030-UNV-ED10** ☐
1-4	**30**	120-277V	Indoor	0-10V ELDOLED SOLOdrive	Down to ±0.1%	8" x 8" x 4" (203 x 203 x 102mm)	118ft (36m)	**4450-0550-030-UNV-SD10** ☐

* Wattage requirement for one (1) fixture (remote fixture only).
** Calculated for 16AWG cable. Contact customer service for longer remote distance.

REMOTE LED DRIVER OPTIONS
(TO BE ORDERED SEPARATELY)

ILAS38 • ADJUSTABLE • BO • 3.6W* - medium, flood

Min-max units	Watts	Voltage	Rated	Dimming protocol	Dimming range	Connexion box dimensions	Max distance**	Connection box
2-3	**13**	120V	Indoor	Leading and trailing edge (ELV and TRIAC)	Down to ±15%	6" x 4" x 3" (152 x 102 x 76mm)	30ft (9m)	**4444-0300-013-120-LTE** ☐
1-4	**16**	120-277V	Indoor	Lutron Hi Lume® 0.1% EcoSystem™ (Soft-on, Fade to Black)	Down to ±0.1%	6" x 4" x 3" (152 x 102 x 76mm)	30ft (9m)	**4444-0300-016-UNV-D2** ☐
1-4	**16**	120-277V	Indoor	0-10V	Down to ±10%	8" x 8" x 4" (203 x 203 x 102mm)	30ft (9m)	**4450-0300-016-UNV-D10** ☐
1-4	**16**	120-277V	Indoor	Dali ELDOLED ECOdrive	Down to ±1%	8" x 8" x 4" (203 x 203 x 102mm)	118ft (36m)	**4450-0300-016-UNV-EDA** ☐
1-4	**16**	120-277V	Indoor	0-10V ELDOLED ECOdrive	Down to ±1%	8" x 8" x 4" (203 x 203 x 102mm)	118ft (36m)	**4450-0300-016-UNV-ED10** ☐
1-4	**16**	120-277V	Indoor	0-10V ELDOLED SOLOdrive	Down to ±0.1%	8" x 8" x 4" (203 x 203 x 102mm)	118ft (36m)	**4450-0300-016-UNV-SD10** ☐

* Wattage requirement for one (1) fixture (remote fixture only).
** Calculated for 16AWG cable. Contact customer service for longer remote distance.

ILAS38 • ADJUSTABLE • HO • 6.6W* - medium, flood

Min-max units	Watts	Voltage	Rated	Dimming protocol	Dimming range	Connexion box dimensions	Max distance**	Connection box
1	**09**	120V	Indoor	Leading and trailing edge (ELV and TRIAC)	Down to ±15%	6" x 4" x 3" (152 x 102 x 76mm)	30ft (9m)	**4444-0500-009-120-LTE** ☐
1-4	**20**	120-277V	Indoor	Lutron Hi Lume® 0.1% EcoSystem™ (Soft-on, Fade to Black)	Down to ±0.1%	6" x 4" x 3" (152 x 102 x 76mm)	30ft (9m)	**4444-0550-020-UNV-D2** ☐
1-4	**30**	120-277V	Indoor	0-10V	Down to ±10%	8" x 8" x 4" (203 x 203 x 102mm)	30ft (9m)	**4450-0550-030-UNV-D10** ☐
1-4	**30**	120-277V	Indoor	Dali ELDOLED ECOdrive	Down to ±1%	8" x 8" x 4" (203 x 203 x 102mm)	118ft (36m)	**4450-0550-030-UNV-EDA** ☐
1-4	**30**	120-277V	Indoor	0-10V ELDOLED ECOdrive	Down to ±1%	8" x 8" x 4" (203 x 203 x 102mm)	118ft (36m)	**4450-0550-030-UNV-ED10** ☐
1-4	**30**	120-277V	Indoor	0-10V ELDOLED SOLOdrive	Down to ±0.1%	8" x 8" x 4" (203 x 203 x 102mm)	118ft (36m)	**4450-0550-030-UNV-SD10** ☐

* Wattage requirement for one (1) fixture (remote fixture only).
** Calculated for 16AWG cable. Contact customer service for longer remote distance.

REMOTE LED DRIVER OPTIONS
(TO BE ORDERED SEPARATELY)

ILAS38 • WALL WASHER • BO • 3.4W* - wall washer

Min-max units	Watts	Voltage	Rated	Dimming protocol	Dimming range	Connexion box dimensions	Max distance**	Connection box
2-3	**13**	120V	Indoor	Leading and trailing edge (ELV and TRIAC)	Down to ±15%	6" x 4" x 3" (152 x 102 x 76mm)	30ft (9m)	**4444-0300-013-120-LTE** ☐
1-4	**16**	120-277V	Indoor	Lutron Hi Lume® 0.1% EcoSystem™ (Soft-on, Fade to Black)	Down to ±0.1%	6" x 4" x 3" (152 x 102 x 76mm)	30ft (9m)	**4444-0300-016-UNV-D2** ☐
1-4	**16**	120-277V	Indoor	0-10V	Down to ±10%	8" x 8" x 4" (203 x 203 x 102mm)	30ft (9m)	**4450-0300-016-UNV-D10** ☐
1-4	**16**	120-277V	Indoor	Dali ELDOLED ECOdrive	Down to ±1%	8" x 8" x 4" (203 x 203 x 102mm)	118ft (36m)	**4450-0300-016-UNV-EDA** ☐
1-4	**16**	120-277V	Indoor	0-10V ELDOLED ECOdrive	Down to ±1%	8" x 8" x 4" (203 x 203 x 102mm)	118ft (36m)	**4450-0300-016-UNV-ED10** ☐
1-4	**16**	120-277V	Indoor	0-10V ELDOLED SOLOdrive	Down to ±0.1%	8" x 8" x 4" (203 x 203 x 102mm)	118ft (36m)	**4450-0300-016-UNV-SD10** ☐

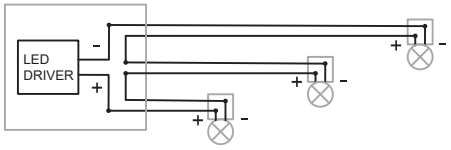
* Wattage requirement for one (1) fixture (remote fixture only).
** Calculated for 16AWG cable. Contact customer service for longer remote distance.

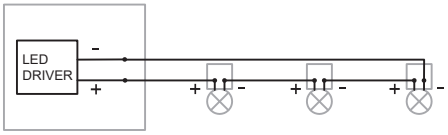
ILAS38 • WALL WASHER • HO • 4.5W* - wall washer

Min-max units	Watts	Voltage	Rated	Dimming protocol	Dimming range	Connexion box dimensions	Max distance**	Connection box
2-3	**16**	120V	Indoor	Leading and trailing edge (ELV and TRIAC)	Down to ±15%	6" x 4" x 3" (152 x 102 x 76mm)	30ft (9m)	**4444-0400-016-120-LTE** ☐
1-4	**20**	120-277V	Indoor	Lutron Hi Lume® 0.1% EcoSystem™ (Soft-on, Fade to Black)	Down to ±0.1%	6" x 4" x 3" (152 x 102 x 76mm)	30ft (9m)	**4444-0400-020-UNV-D2** ☐
1-4	**22**	120-277V	Indoor	0-10V	Down to ±10%	8" x 8" x 4" (203 x 203 x 102mm)	30ft (9m)	**4450-0400-022-UNV-D10** ☐
1-4	**22**	120-277V	Indoor	Dali ELDOLED ECOdrive	Down to ±1%	8" x 8" x 4" (203 x 203 x 102mm)	118ft (36m)	**4450-0400-022-UNV-EDA** ☐
1-4	**22**	120-277V	Indoor	0-10V ELDOLED ECOdrive	Down to ±1%	8" x 8" x 4" (203 x 203 x 102mm)	118ft (36m)	**4450-0400-022-UNV-ED10** ☐
1-4	**22**	120-277V	Indoor	0-10V ELDOLED SOLOdrive	Down to ±0.1%	8" x 8" x 4" (203 x 203 x 102mm)	118ft (36m)	**4450-0400-022-UNV-SD10** ☐

* Wattage requirement for one (1) fixture (remote fixture only).
** Calculated for 16AWG cable. Contact customer service for longer remote distance.

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



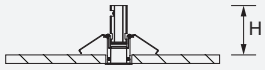


INSTALLATION

Remodel (RF)

Versatile fixture for new or existing ceiling structure. Suitable for insulated and non-insulated ceiling assemblies, like sheetrock, or paneling. Fixture is ready for remodeling installation. Availabe for base output (**BO**).

Ceiling thickness: 0.04" to 1" (1mm - 25mm)



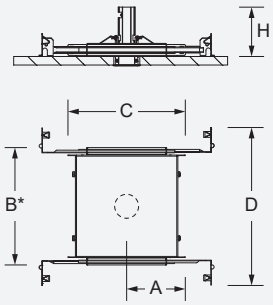
Model	Cut-out dimensions	Clearance (H)
LASER 38	Ø 1½" (Ø 38mm)	3⁹⁄₁₆" (91mm)

*Can be installed from below the ceiling.

New construction with plaster frame (NC)

Plaster frame with hanger bars system to be installed during rough-in phase. Suitable for insulated or non-insulated ceiling assemblies, like sheetrock, or paneling. Plaster frame can be shipped separately. Availabe for base output (**BO**).

Ceiling thickness: 0.04" to 1" (1mm - 25mm)



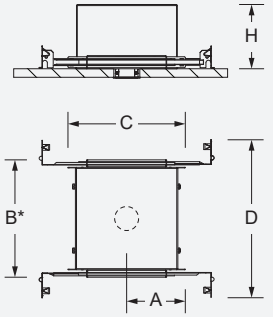
*Provide a minimum of 1⅛" (46mm) on each side for the hanger bar fixations

Model	Plaster frame	Cut-out dimensions	Cut-out position (A)	Overall dimensions (BxC)	Hanger bars (D)	Clearance (H)
LASER 38	BN-LAS38RT-NC	Ø 1½" (Ø 38mm)	3¹¹⁄₁₆" (93mm)	7⅜" x 7⅜" (186 x 186mm)	14¼" to 26" (362 to 660mm)	3⁹⁄₁₆" (91mm)

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.
Availabe for high output (**HO**).

Ceiling thickness: 0.04" to 1" (1mm - 25mm)



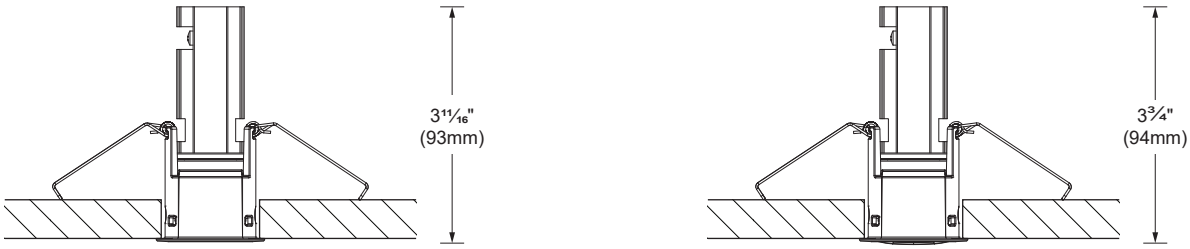
*Provide a minimum of 1⅛" (46mm) on each side for the hanger bar fixations

Model	Housing	Cut-out dimensions	Cut-out position (A)	Overall dimensions (BxC)	Hanger bars (D)	Clearance (H)
LASER 38	BI-LAS38RT-IC/CP	Ø 1½" (Ø 38mm)	3¹¹⁄₁₆" (93mm)	7⅜" x 7⅜" (186 x 186mm)	14¼" to 26" (362 to 660mm)	4" (102mm)

TRIM MODELS DIMENSIONS

FIXED OPTIC

COMFORT	WALL WASHER



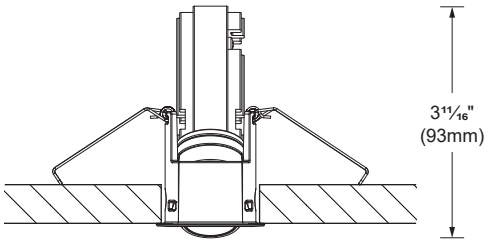
FRONT VIEW



BOTTOM VIEW

ADJUSTABLE OPTIC

COMFORT



FRONT VIEW



BOTTOM VIEW

LED COLOR FIDELITY DATA

COMFORT • FIXED

CRI	CCT	R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15	Rf	Rg	Melanopic ratio
90	2700K	95	98	98	96	96	97	90	79	55	97	98	93	96	100	89	94	99	0.500
	3000K	94	97	99	95	94	97	92	81	55	92	97	86	95	99	89	93	100	0.558
	3500K	94	97	98	95	94	96	93	83	59	92	96	83	95	99	90	93	99	0.644
	4000K	93	95	96	94	93	93	94	84	60	88	95	76	94	98	89	92	99	0.726

PHOTOMETRIC DATA

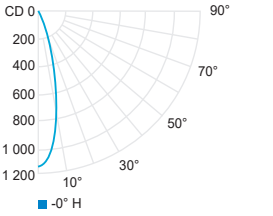
COMFORT • FIXED



CCT (K)	CRI	OUTPUT	LOAD (W)	OPTIC	LUMENS (lm)	EFFICACY (lm / W)	MAX CANDELA (cd)	MODELS
3000K	90	BO	4W	Medium 26°	265	66	1 165	ILAS38RTXX-BO-930-FMD
				Flood 39°	300	75	765	ILAS38RTXX-BO-930-FFL
		HO	6.5W	Medium 26°	384	59	1 675	ILAS38RTXX-HO-930-FMD
				Flood 39°	430	66	1 100	ILAS38RTXX-HO-930-FFL

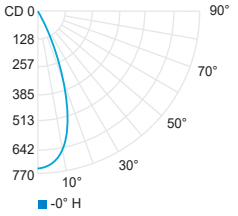
Use multiplier table for other CCT and CRI output data. Efficacy based on IESNA LM-79 test reports. Visit iguzzini.com/us for complete photometric data.

BO medium 26° (3000K, 90CRI)



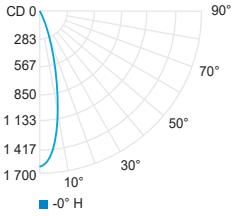
	Center beam fc	Beam width ft
2ft	291	0.9
4ft	72.8	1.8
6ft	32.4	2.7
8ft	18.2	3.6
10ft	11.7	4.5
12ft	8.09	5.4

BO flood 39° (3000K, 90CRI)



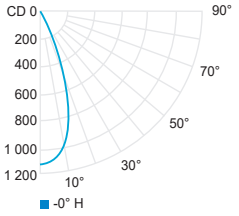
	Center beam fc	Beam width ft
2ft	191	1.4
4ft	47.8	2.8
6ft	21.3	4.2
8ft	12.0	5.7
10ft	7.65	7.1
12ft	5.31	8.5

HO medium 26° (3000K, 90CRI)



	Center beam fc	Beam width ft
2ft	420	0.9
4ft	105	1.8
6ft	46.6	2.7
8ft	26.2	3.6
10ft	16.8	4.5
12ft	11.7	5.4

HO flood 39° (3000K, 90CRI)



	Center beam fc	Beam width ft
2ft	276	1.4
4ft	68.9	2.8
6ft	30.6	4.3
8ft	17.2	5.7
10ft	11.0	7.1
12ft	7.66	8.5

	BO				HO			
CCT options	2700K	3000K	3500K	4000K	2700K	3000K	3500K	4000K
CRI options	90CRI	90CRI	90CRI	90CRI	90CRI	90CRI	90CRI	90CRI
Multiplier	**0.93**	**1**	**1.07**	**1.08**	**0.94**	**1**	**1.06**	**1.08**

LED COLOR FIDELITY DATA

COMFORT • ADJUSTABLE

CRI	CCT	R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15	Rf	Rg	Melanopic ratio
90	2700K	95	98	98	96	96	97	90	79	55	97	98	93	96	100	89	94	99	0.500
	3000K	94	97	99	95	94	97	92	81	55	92	97	86	95	99	89	93	100	0.558
	3500K	94	97	98	95	94	96	93	83	59	92	96	83	95	99	90	93	99	0.644
	4000K	93	95	96	94	93	93	94	84	60	88	95	76	94	98	89	92	99	0.726

PHOTOMETRIC DATA

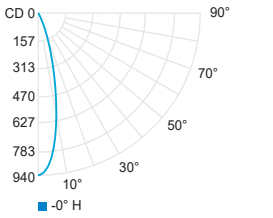
COMFORT • ADJUSTABLE



CCT (K)	CRI	OUTPUT	LOAD (W)	OPTIC	LUMENS (lm)	EFFICACY (lm / W)	MAX CANDELA (cd)	MODELS
3000K	90	BO	3.3W	Medium 26°	215	65	935	ILAS38RTXX-BO-930-AMD
				Flood 39°	245	75	635	ILAS38RTXX-BO-930-AFL
		HO	6.5W	Medium 26°	365	56	1 585	ILAS38RTXX-HO-930-AMD
				Flood 39°	420	64	1 080	ILAS38RTXX-HO-930-AFL

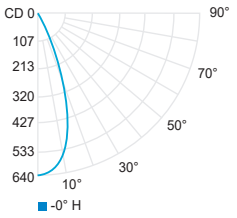
Use multiplier table for other CCT and CRI output data. Efficacy based on IESNA LM-79 test reports. Visit iguzzini.com/us for complete photometric data.

BO medium 26° (3000K, 90CRI)



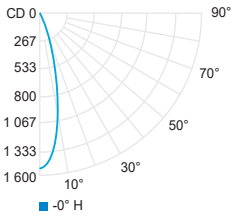
	Center beam fc	Beam width ft
2ft	234	0.9
4ft	58.6	1.8
6ft	26.0	2.8
8ft	14.6	3.7
10ft	9.37	4.6
12ft	6.51	5.5

BO flood 39° (3000K, 90CRI)



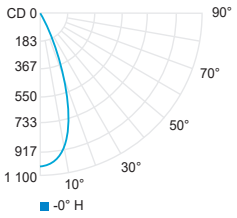
	Center beam fc	Beam width ft
2ft	159	1.4
4ft	39.8	2.8
6ft	17.7	4.2
8ft	9.96	5.7
10ft	6.37	7.1
12ft	4.43	8.5

HO medium 26° (3000K, 90CRI)



	Center beam fc	Beam width ft
2ft	397	0.9
4ft	99.3	1.8
6ft	44.1	2.8
8ft	24.8	37
10ft	15.9	4.6
12ft	11.0	5.5

HO flood 39° (3000K, 90CRI)



	Center beam fc	Beam width ft
2ft	270	1.4
4ft	67.5	2.8
6ft	30.0	4.3
8ft	16.9	5.7
10ft	10.8	7.1
12ft	7.50	8.5

	BO				HO			
CCT options	2700K	3000K	3500K	4000K	2700K	3000K	3500K	4000K
CRI options	90CRI	90CRI	90CRI	90CRI	90CRI	90CRI	90CRI	90CRI
Multiplier	**0.94**	**1**	**1.06**	**1.08**	**1**	**1**	**1.07**	**1.08**

LED COLOR FIDELITY DATA

WALL WASHER

CRI	CCT	R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15	Rf	Rg	Melanopic ratio
80	3500K	82	92	96	80	82	89	84	64	15	81	77	69	84	98	76	85	94	0.612
	4000K	80	86	93	92	80	82	87	65	6	68	81	61	81	96	72	84	96	0.626
90	2700K	96	96	94	94	94	95	94	89	76	90	94	86	97	96	95	90	104	0.517
	3000K	96	96	93	94	94	94	94	91	77	88	94	85	96	95	95	91	104	0.547

PHOTOMETRIC DATA

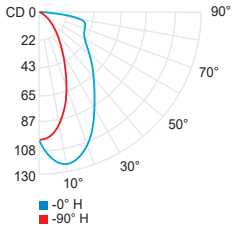
WALL WASHER



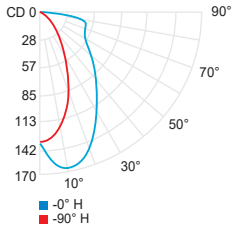
CCT (K)	CRI	OUTPUT	LOAD (W)	OPTIC	LUMENS (lm)	EFFICACY (lm / W)	MAX CANDELA (cd)	MODELS
3000K	90	BO	3.2W	Wall washer	125	39	120	ILAS38RTXX-BO-930-FWW
		HO	4.4W	Wall washer	165	38	165	ILAS38RTXX-HO-930-FWW

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 wall washer (3000K, 90CRI)



HO wall washer (3000K, 90CRI)



	BO				HO			
CCT options	2700K	3000K	3500K	4000K	2700K	3000K	3500K	4000K
CRI options	90CRI	90CRI	80CRI	80CRI	90CRI	90CRI	80CRI	80CRI
Multiplier	**1**	**1**	**1.17**	**1.33**	**1**	**1**	**1.13**	**1.38**

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