

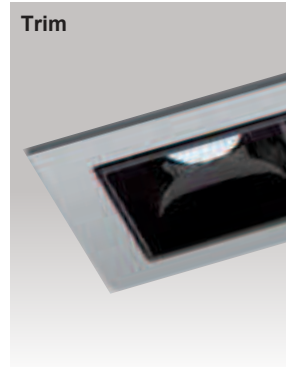
LASER BLADE 2 REMOTE DOWNLIGHT

SPECIFICATION SHEET

PAGE: 1 OF 5

Project name: _____

Type: _____



Low luminance architectural downlight.

Luminaire characteristics:

Power input: 4.2W

Lumens: 280 to 315lm

Luminaire efficacy: 67 to 75lm/W

Source: White LED, (LM-80 tested),

2700K : 96CRI,

3000K : 90CRI or 97CRI,

3500K : 95CRI,

4000K : 96CRI.

Lumen maintenance: 80% of initial lumens at 50 000 hours (L80) (LM-79 tested).

Optics: Low luminance: Flood optic, with Optibeam technology.

Mounting: New construction plaster frame, suitable for insulated ceiling. No plaster frame mounting needed for under cabinet option.

Material:

Body: Die-cast aluminum body and heat sink

Reflector: Thermoplastic

Baffles: Thermoplastic

Housing: Galvanized steel housing

Electrical: See remote power supply on page 5.

Finish: See finish options on page 4.

Weight: 0.2 lbs (0.09 kg)

Warranty: 5 year limited warranty.

Certification: cULus listed for damp location.

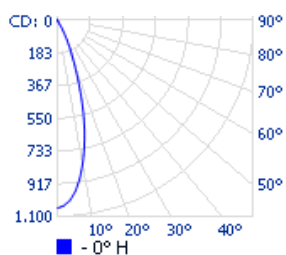
Ratings: IP20

TECHNICAL DATA

LOAD (W)	OPTIC	CCT (K)	CRI	DELIVERED LUMENS (lm)	LUMINAIRE EFFICACY (lm / w)	CENTER BEAM CANDLE POWER (cd)	MODEL
4.2W	FLOOD	2700K	96	280	67	946	I.MM76 / I.MM84
		3000K	90	315	75	1057	I.MK48
			97	280	67	946	I.MQ76 / I.MT94
		3500K	95	290	69	976	I.P472 / I.P483
		4000K	96	315	75	1057	I.MK47 / I.MT93

	Center Beam fc	Beam Width
2.0ft	264 fc	1.1 ft
4.0ft	66.1 fc	2.3 ft
6.0ft	29.4 fc	3.4 ft
8.0ft	16.5 fc	4.5 ft
10.0ft	10.6 fc	5.7 ft
12.0ft	7.34 fc	6.8 ft

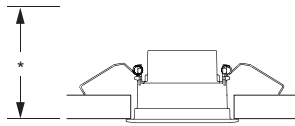
3000K - 90 CRI - 32° - FLOOD



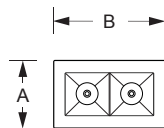
Project name: _____

Type: _____

TRIM



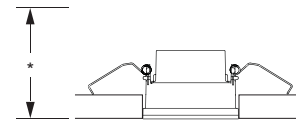
SECTION VIEW



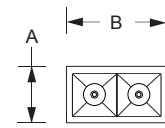
BOTTOM VIEW

		A	B
Trim	in	1 1/4	2 1/4
	mm	44	73

TRIMLESS



SECTION VIEW



BOTTOM VIEW

		A	B
Trimless	in	1 1/4	2 1/4
	mm	30	58

HOUSINGS

Trim version:

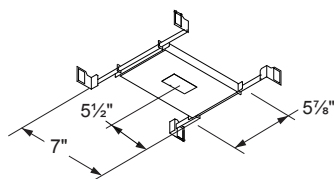
BN5102 - New construction plaster frame,
suitable for insulated ceiling

Dimensions: 5 7/8" x 7" (149mm x 178mm)

Hanger bars: 9" to 15 1/4" (229mm x 387mm)

with extensions : 15" to 24" (381mm x 610mm)

Clearance: 2" (51mm)



HOUSINGS

Trimless version:

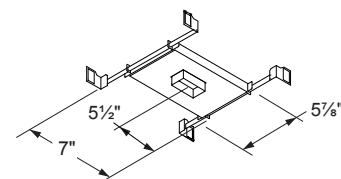
BN5114 - New construction plaster frame,
suitable for insulated ceiling

Dimensions: 5 7/8" x 7" (149mm x 178mm)

Hanger bars: 9" to 15 1/4" (229mm x 387mm)

with extensions : 15" to 24" (381mm x 610mm)

Clearance: 2" (51mm)



INSTALLATION INFO

Ceiling thickness: Min: 1/8" (3mm), Max 1 1/8" (29mm)

Cut-out dimensions: 1-3/8" x 2 1/2" (35mm x 64mm)

Under cabinet clearance: 2" (51mm)

INSTALLATION INFO

Ceiling thickness: 5/8" (16mm)

Cut-out dimensions: 1-3/8" x 2 1/2" (35mm x 64mm)

Under cabinet clearance: 2" (51mm)

LASER BLADE 2 REMOTE

DOWNLIGHT

SPECIFICATION SHEET

PAGE: 4 OF 5

Project name: _____

Type: _____

FINISH OPTIONS

Trim color		Baffle finish			
		Black	White	Gold	Black Chrome
Trim	White (RAL9010)	Yes	Yes	Yes	Yes
	Black	Yes	N/A	N/A	N/A
	Gray (RAL9006)	Yes	N/A	N/A	N/A
Trimless	N/A	Yes	Yes	Yes	Yes

* Custom baffle finish available in RAL colors
Minimum qty 100 pieces.



ORDERING INFO

MODEL	VOLTAGE	FINISH	MOUNTING
MODEL Trim ☐ I.MK47 - 4000K, 96CRI ☐ I.P472 - 3500K, 95CRI ☐ I.MK48 - 3000K, 90CRI ☐ I.MQ76 - 3000K, 97CRI ☐ I.MM76 - 2700K, 96CRI Trimless ☐ I.MT93 - 4000K, 96CRI ☐ I.P483 - 3500K, 95CRI ☒ I.MT94 - 3000K, 97CRI ☐ I.MM84 - 2700K, 96CRI	VOLTAGE ☒ REM ☐ REUC - For under cabinet installation	FINISH Trim ☐ 01 - White/Black ☐ 02 - Black/Black ☐ 10 - Gray/Black ☐ 31 - White/White ☐ 41 - White/Gold ☐ E7 - White/Black Chrome Trimless ☒ 02 - Black ☐ 14 - Gold ☐ 31 - White ☐ E6 - Black Chrome	MOUNTING Trim ☐ BN5102 - New construction plaster frame Trimless ☒ BN5114 - New construction plaster frame

DUE TO CONTINUOUS IMPROVEMENTS, THE INFORMATION HEREIN MAY BE CHANGED WITHOUT NOTICE.

LAST UPDATE: FEBRUARY 09, 2017

MD - R14

iGuzzini
NORTH AMERICA



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Project name: _____

Type: _____

ORDERING INFO

REMOTE POWER SUPPLY OPTION

Requirement for one (1) fixture: 700mA, 6V nominal value

- | | | |
|---|--|--|
| ☐ 4444-0700-006-UNV-ND | ☐ 4450-0700-014-UNV-D2 | ☐ 4450-0700-030-UNV-SD10 |
| ☐ 4444-0700-009-120-LE | ☐ 4450-0700-030-UNV-ED10 | ☐ 4450-0700-050-UNV-SD10 |
| ☐ 4444-0700-025-UNV-D10 | ☐ 4450-0700-050-UNV-ED10 | ☐ 4448-0700-100-UNV-SD10 |

REMOTE POWER SUPPLY OPTION (TO BE ORDERED SEPARATELY)

Watts	Min-Max	Voltage	Dimming Range	Dimming protocol	Box dimensions	Max distance at full load (16AWG)	Code
06	1	120-277V	—	None	6" X 4" X 3" (152 X 102 X 76mm)	30ft (9m)	4444-0700-006-UNV-ND
09	1-2	120V	Down to ±15%	Leading edge (TRIAC)	6" X 4" X 3" (152 X 102 X 76mm)	30ft (9m)	4444-0700-009-120-LE
25	2-5	120-277V	Down to ±15%	0-10V	6" X 4" X 3" (152 X 102 X 76mm)	30ft (9m)	4444-0700-025-UNV-D10
14	2-3	120-277V	Down to ±5%	Lutron Hi Lume® A-Series (3 wires or EcoSystem®)	8" x 8" x 4" (203x 203 x 102mm)	35ft (10m)	4450-0700-014-UNV-D2
30	1-7	120-277V	Down to ±1%	0-10V ELDOLED ECOdrive	8" x 8" x 4" (203x 203 x 102mm)	118ft (36m)	4450-0700-030-UNV-ED10
50	1-9	120-277V	Down to ±1%	0-10V ELDOLED ECOdrive	8" x 8" x 4" (203x 203 x 102mm)	118ft (36m)	4450-0700-050-UNV-ED10
30	1-7	120-277V	Down to ±0.1%	0-10V ELDOLED SOLOdrive	8" x 8" x 4" (203x 203 x 102mm)	118ft (36m)	4450-0700-030-UNV-SD10
50	1-11 5 per channel 2 channels	120-277V	Down to ±0.1%	0-10V ELDOLED SOLOdrive	8" x 8" x 4" (203x 203 x 102mm)	118ft (36m)	4450-0700-050-UNV-SD10
100	1-23 5 per channel 4 channels	120-277V	Down to ±0.1%	0-10V ELDOLED SOLOdrive	10" x 8" x 4" (254x 203 x 102mm)	118ft (36m)	4448-0700-100-UNV-SD10

WIRING DIAGRAMS

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

