Project

Type

Contact

Smart Kup Recessed 3.2

Overview

A sharp, slightly protruding rim lines the edge of Smart Kup Recessed. This versatile spot finds its place anywhere and works very well on low ceilings. One of the three Smart designs, Smart Kup Recessed is a popular spot for a minimalist expression. In black and white structure, gold and several brushed finishes.

With an outer flange diameter of 3.2" and an aperture of 3.1 inches, the Smart Kup 3.2 is compact yet powerful. Made from die cast aluminum alloy and offered in a variety of finishes.
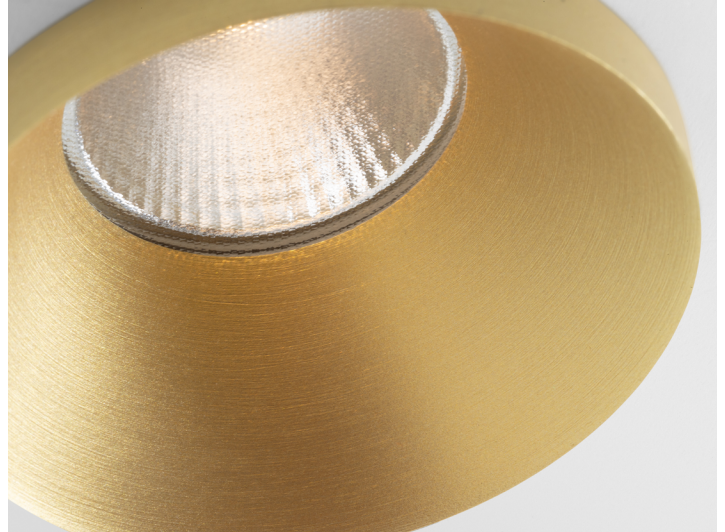
QUICK LINKS

Lamp Specifications

- Aperture: 3.1"
- Trim material: cast aluminum
- Trim finish: powder coat or wet paint
- Must be combined with Housing for new construction or NON-IC Remote Driver for remodel work
- Can optionally be combined with Mask
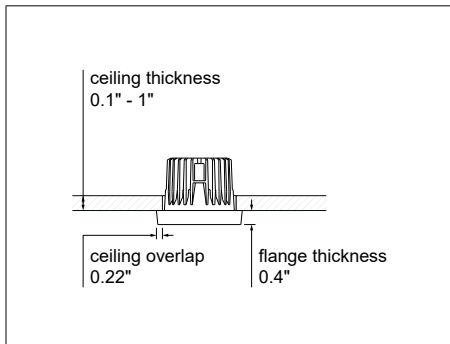

2 3/8   ø 3 1/4
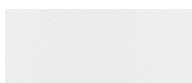
Smart Kup 3.2

ceiling thickness 0.1" - 1"

ceiling overlap 0.22"   flange thickness 0.4"
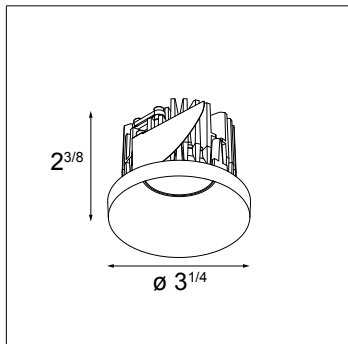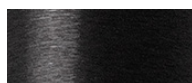
Flange Information

Finish Information

Black Structure (BLS) Powder Coat (Matte)	White Structure (WHS) Powder Coat (Matte)	Gold (GOMT) Wet Paint (Matte)	Black (BLBR) Wet Paint (Brushed)	Bronze (BRBR) Wet Paint (Brushed)	Champagne (CHBR) Wet Paint (Brushed)	Silver Bronze (SBBR) Wet Paint (Brushed)

Ordering Information

SMART-K-R-3.2-1X - ⬜ - ⬜ - ⬜ - DE - ⬜

SMART-K-R-3.2-1X Smart Kup Recessed 3.2	MG	Microprismatic Glass	27	2700K	F	Flood (41°) [2]	DP	Damp Location (indoor use only)	BLS	Black Structure
	FG	Frosted Glass [1]	30	3000K	M	Medium (23°)	WT	Wet Location (indoor use only)	WHS	White Structure
			35	3500K	S	Spot (17°)			GOMT	Gold Matte
			WD	Warm Dim 3000K - 1800K					BLBR	Black Brushed
					WD versions				BRBR	Bronze Brushed
					F	Flood (42°) [3]			CHBR	Champagne Brushed
					M	Medium (29°)			SBBR	Silver Bronze Brushed

[1] Frosted Glass can only be combined with a Flood beam angle
[2] Frosted Glass version: 38°
[3] Frosted Glass version: 49°

quick links

Driver Included Housing Options

IC-UAT Housing

- Material: sheet metal (galvanized steel)
- Driver: included in the housing
- Suitable for 1 lamp unit (1X versions) or 2 lamp units (2X versions)
- IC (insulation contact) rated
- CCEA Chicago Plenum rated & Airtight per ASTM-E283-04
- Not compatible with warm dim lamp units (WD versions)
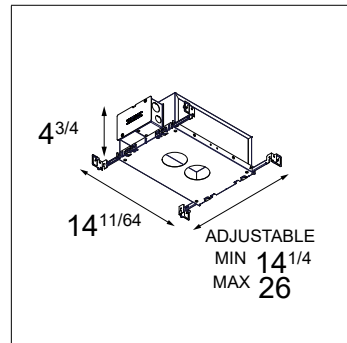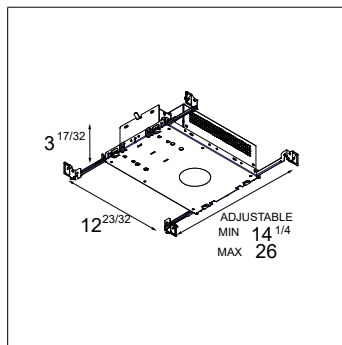
Non-IC Housing

- Material: sheet metal (galvanized steel)
- Driver: included in the housing
- Suitable for 1 lamp unit (1X versions) or 2 lamp units (2X versions)
- For Non-IC (non insulation contact) applications only
- Not compatible with warm dim lamp units (WD versions)
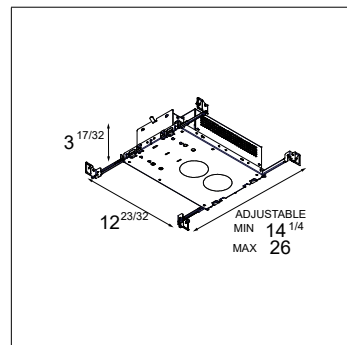- Not compatible with wet location rated lamp units (WT versions)
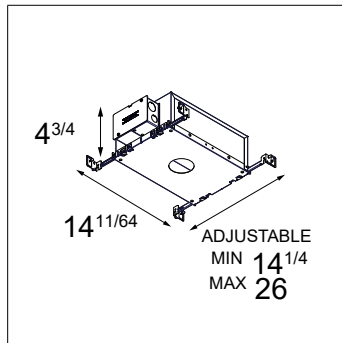
IC-UAT Housing 1X

IC-UAT Housing 2X

Non-IC Housing 1X

Non-IC Housing 2X

Driver Included Housing Specifications & Ordering Information

Ordering Code	Version	Input	Output	Dim [6]	Lamp Type	Connected Load
IC-UAT-SMART-3.2-1X-010P-500	IC-UAT Housing 1X	120-277VAC [5]	500mA DC	0-10V, ELV & Triac - 1%	Fixed CCT	10.5W
IC-UAT-SMART-3.2-1X-0101-EL-500	IC-UAT Housing 1X	120-277VAC	500mA DC	0-10V - 1%	Fixed CCT	11.6W
IC-UAT-SMART-3.2-2X-010P-500	IC-UAT Housing 2X	120-277VAC [5]	500mA DC	0-10V, ELV & Triac - 1%	Fixed CCT	21.5W
NON-IC-SMART-3.2-1X-010P-500	Non-IC Housing 1X [4]	120-277VAC [5]	500mA DC	0-10V, ELV & Triac - 1%	Fixed CCT	10.5W
NON-IC-SMART-3.2-1X-0101-EL-500	Non-IC Housing 1X [4]	120-277VAC	500mA DC	0-10V - 1%	Fixed CCT	11.6W
NON-IC-SMART-3.2-2X-010P-500	Non-IC Housing 2X [4]	120-277VAC [5]	500mA DC	0-10V, ELV & Triac - 1%	Fixed CCT	21.5W

[4] Not compatible with wet location rated lamp units (WT versions)
[5] Dimming via ELV & Triac only compatible at 120VAC input
[6] Consult the factory for dimmer compatibility

quick links

MODULAR LIGHTING INSTRUMENTS
— *by MLI NA Corporation*

Housing Options for Remote Driver

IC-UAT Housing for Remote Driver

- Material: sheet metal (galvanized steel)
- Driver: not included in the housing
- Each lamp unit needs its own housing
- IC (insulation contact) rated
- CCEA Chicago Plenum rated & Airtight per ASTM-E283-04
- 2 knockout holes for low-voltage conduit or cable connection
- Bar hangers adjustable in height by 1.5" for different mounting heights
- Must be combined with Remote Driver (specify on page 5)

3.73

5.08

ADJUSTABLE
MIN 14.25
MAX 26
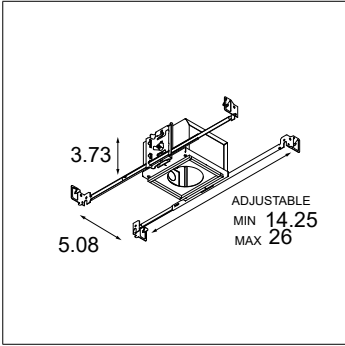
IC-UAT Housing For Remote Driver

Housing Specifications & Ordering Information

Ordering Code	Version	Compatible Drive Current [7]	Compatible Lamp Type
ICB-SMART-3.2-RD-500	IC-UAT Housing for Remote Driver	350mA DC & 500mA DC	Fixed CCT
ICB-SMART-3.2-RD-350	IC-UAT Housing for Remote Driver	350mA DC	Warm Dim

[7] Housing compatible drive current must match Remote Driver output

quick links

MODULAR
LIGHTING
INSTRUMENTS
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Remote Driver Options

- Material: sheet metal (galvanized steel)
- Class 2 constant current power supply
- Multiple lamp units can be connected in series to a single driver
- Box can be bottom, side or t-bar mounted
- 4 knockout holes for line voltage conduit or cable connection
- 4 knockout holes for low-voltage conduit or cable connection
- May be placed up to 50ft away using 16AWG wire
- Suitable for damp locations
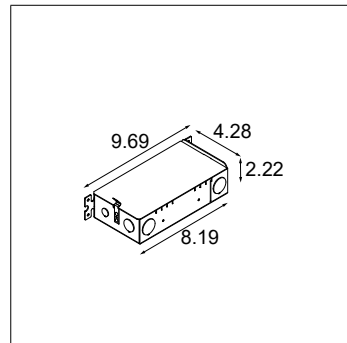
Remote Driver "A"

Remote Driver Specifications & Ordering Information

| Ordering Code | Version | Input | Output | Dim [6] | Driver Location | | | | | Lamp Units [8] | |
					Recessed IC	Recessed Non-IC	Surface	Cabinet	Under Cabinet	Fixed CCT	Warm Dim
IC-RD-DP-D-ELDO-1-350-10	Remote Driver "A"	120-277VAC	350mA	DALI-2 - 1%	◍		◍	◍	◍	1	1
IC-RD-DP-D-ELDO-1-350-20	Remote Driver "A"	120-277VAC	350mA	DALI-2 - 1%	◍		◍	◍	◍	1 - 3	1 - 2
IC-RD-DP-D-ELDO-1-350-30	Remote Driver "A"	120-277VAC	350mA	DALI-2 - 1%	◍		◍	◍	◍	1 - 3	1 - 2
IC-RD-DP-0101-EL-350-10	Remote Driver "A"	120-277VAC	350mA	0-10V - 1%	◍		◍	◍	◍	1	1
IC-RD-DP-0101-EL-350-20	Remote Driver "A"	120-277VAC	350mA	0-10V - 1%	◍		◍	◍	◍	1 - 3	1 - 2
IC-RD-DP-0101-EL-350-30	Remote Driver "A"	120-277VAC	350mA	0-10V - 1%	◍		◍	◍	◍	1 - 3	1 - 2
NON-IC-RD-DP-010P-350-8	Remote Driver "A"	120-277VAC [5]	350mA	0-10V, ELV & Triac - 1%		◍	◍	◍	◍	1	1
NON-IC-RD-DP-010P-350-11	Remote Driver "A"	120-277VAC [5]	350mA	0-10V, ELV & Triac - 1%		◍	◍	◍	◍	2	
NON-IC-RD-DP-010P-350-14	Remote Driver "A"	120-277VAC [5]	350mA	0-10V, ELV & Triac - 1%		◍	◍	◍	◍	2	2
IC-RD-DP-D-ELDO-1-500-10	Remote Driver "A"	120-277VAC	500mA	DALI-2 - 1%	◍		◍	◍	◍	1	
IC-RD-DP-D-ELDO-1-500-20	Remote Driver "A"	120-277VAC	500mA	DALI-2 - 1%	◍		◍	◍	◍	1 - 2	
IC-RD-DP-D-ELDO-1-500-30	Remote Driver "A"	120-277VAC	500mA	DALI-2 - 1%	◍		◍	◍	◍	1 - 3	
IC-RD-DP-0101-EL-500-10	Remote Driver "A"	120-277VAC	500mA	0-10V - 1%	◍		◍	◍	◍	1	
IC-RD-DP-0101-EL-500-20	Remote Driver "A"	120-277VAC	500mA	0-10V - 1%	◍		◍	◍	◍	1 - 2	
IC-RD-DP-0101-EL-500-30	Remote Driver "A"	120-277VAC	500mA	0-10V - 1%	◍		◍	◍	◍	1 - 3	
IC-RD-DP-TE1-500-12	Remote Driver "A"	120VAC	500mA	ELV & Triac - 1%	◍		◍	◍	◍	1	
IC-RD-DP-TE1-500-20	Remote Driver "A"	120VAC	500mA	ELV & Triac - 1%	◍		◍	◍	◍	2	
NON-IC-RD-DP-010P-500-16	Remote Driver "A"	120-277VAC [5]	500mA	0-10V, ELV & Triac - 1%		◍	◍	◍	◍	2	
NON-IC-RD-DP-010P-500-21	Remote Driver "A"	120-277VAC [5]	500mA	0-10V, ELV & Triac - 1%		◍	◍	◍	◍	2	

[5] Dimming via ELV & Triac only compatible at 120VAC input
[6] Consult the factory for dimmer compatibility
[8] Minimum & maximum amount of compatible lamp units, multiple lamp units must be connected in series to a single driver

quick links

Remodel Options

Non-IC Remote Driver

- Material: sheet metal (galvanized steel)
- Each lamp unit needs its own driver
- Lamp unit and driver can be installed from below through the ceiling cutout
- Driver must be placed in the ceiling, min 10" & max 20" from the lamp unit
- Required height to tilt the driver through the cutout: 6" (for ceiling thickness 1/2")
- For Non-IC (non insulation contact) applications only
- 3 knockout holes for line voltage conduit or cable connection
- Includes female connector for connection to lamp unit
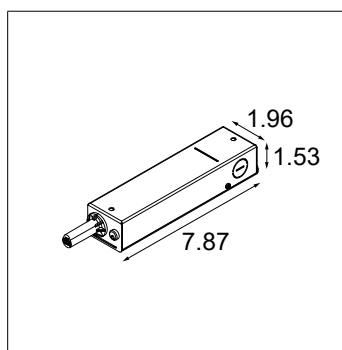- Must be combined with Male Connector (ordered separately)
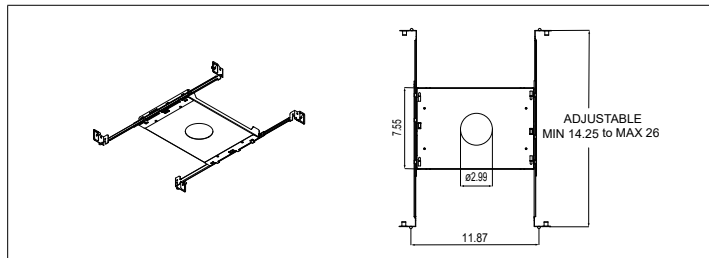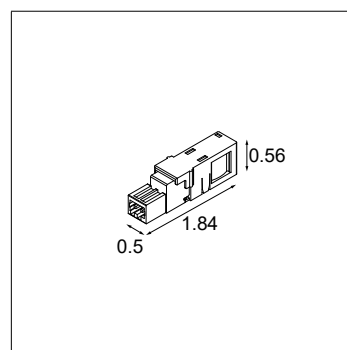

New Construction Frame

Male Connector

- Required, to connect the lamp unit to the driver
- To be connected to the lamp unit by a contractor

Bar Hanger for Non-IC Remote Driver

- Optional, attaches to the Non-IC Remote Driver
- Used to span joists or attach to t-bar
- Access above ceiling is required, when the bar hanger is used
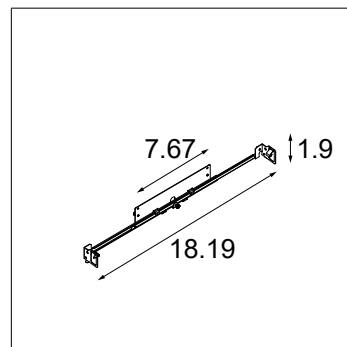
New Construction Frame

- Optional, with cutout hole for the lamp unit
- Used to span joists or attach to t-bar

Non-IC Remote Driver

Male Connector

Bar Hanger for Non-IC Remote Driver

Remodel Accessories Ordering Information

Ordering Code	Version
MC-RD	Male Connector
BH-RD	Bar Hanger for Non-IC Remote Driver
NCF-3.0	New Construction Frame

### Remodel Non-IC Remote Driver Specifications & Ordering Information

Ordering Code	Version	Input	Output	Dim [6]	Lamp Type		Connected Load	
					Fixed CCT	Warm Dim	Fixed CCT	Warm Dim
NON-IC-RD-120-DP-010P-350-8	Non-IC Remote Driver	120VAC	350mA DC	0-10V, ELV & Triac - 1%	Ⓜ	Ⓜ	8.7W	9.7W
NON-IC-RD-120-DP-010P-500-9	Non-IC Remote Driver	120VAC	500mA DC	0-10V, ELV & Triac - 1%	Ⓜ		10.9W	
NON-IC-RD-120-DP-010P-700-16	Non-IC Remote Driver	120VAC	700mA DC	0-10V, ELV & Triac - 1%	Ⓜ		15.1W	
NON-IC-RD-277-DP-0101-350-8	Non-IC Remote Driver	277VAC	350mA DC	0-10V - 1%	Ⓜ	Ⓜ	8.7W	9.7W
NON-IC-RD-277-DP-0101-500-9	Non-IC Remote Driver	277VAC	500mA DC	0-10V - 1%	Ⓜ		10.9W	
NON-IC-RD-277-DP-0101-700-16	Non-IC Remote Driver	277VAC	700mA DC	0-10V - 1%	Ⓜ		15.1W	

[6] Consult the factory for dimmer compatibility

quick links
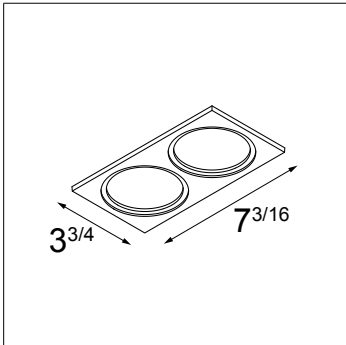
Accessories Specifications

- Accessories are optional
- Available for 1 lamp unit (1X versions) or 2 lamp units (2X versions)
- Mask material: cast aluminum
- Mask finish: powder coat or wet paint
- Mask thickness: 0.2"
- Weight: 0.2lbs (1X version), 0.3lbs (2X version)
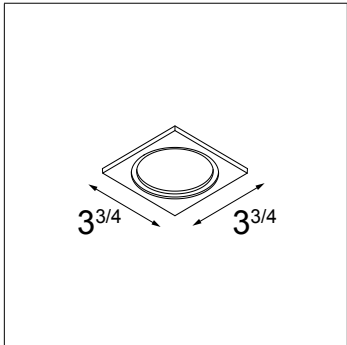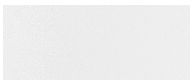

Mask 3.2 1X

Mask 3.2 1X

Mask 3.2 2X

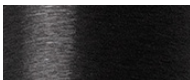

Mask 3.2 2X

Finish Information

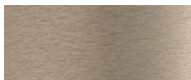|						
Black Structure (BLS) Powder Coat (Matte)	White Structure (WHS) Powder Coat (Matte)	Gold (GOMT) Wet Paint (Matte)	Black (BLBR) Wet Paint (Brushed)	Bronze (BRBR) Wet Paint (Brushed)	Champagne (CHBR) Wet Paint (Brushed)	Silver Bronze (SBBR) Wet Paint (Brushed)

Ordering Information

SMART-M-3.2 - _____ - _____

SMART-M-3.2	Mask 3.2	1X	For 1 lamp unit	BLS	Black Structure
		2X	For 2 lamp units	WHS	White Structure
				GOMT	Gold Matte
				BLBR	Black Brushed
				BRBR	Bronze Brushed
				CHBR	Champagne Brushed
				SBBR	Silver Bronze Brushed

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MODULAR
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INSTRUMENTS
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Performance Specifications (per lamp unit)

Lamp Unit	Fixed CCT	Warm Dim
Weight	0.79lbs	0.79lbs
Cut-Out Size	Ø2.75"	Ø2.75"
Location	damp or wet (indoor use)	damp or wet (indoor use)
IP Rating	IP20	IP20
CRI*	92, R9: 71	95, R9: 88
Lifetime	L80 B20 @ 50.000 hrs	L80 B20 @ 50.000 hrs
UGR	see website	see website

Electrical (typical)	Fixed CCT			Warm Dim
Drive Current (mA DC)	350	500	700	350
Forward Voltage (V)	14.2	14.4	15.1	17.0
LED Power (W)	5.0	7.2	10.6	6.0

* CRI & TM-30 Value for 3000K

CRI	92.0
R9	71.2

0 10 20 30 40 50 60 70 80 90 100

R1	93
R2	93
R3	91
R4	94
R5	92
R6	90
R7	95
R8	89
R9	71
R10	82
R11	94
R12	75
R13	93
R14	94
R15	91

Rf	90.2
Rg	102.3

Color Vector Graphic
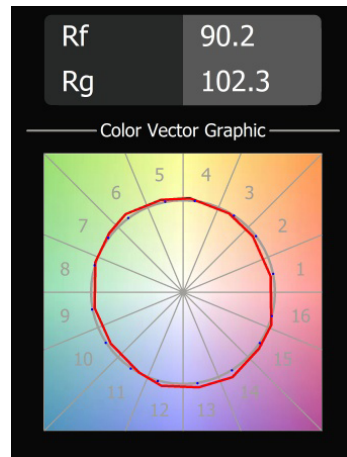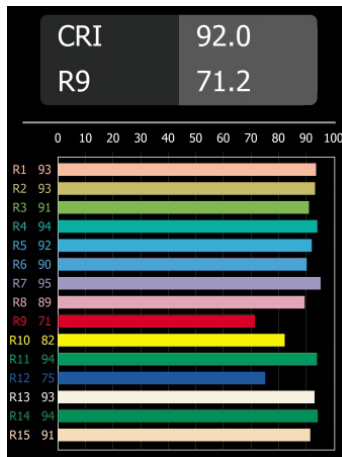
For photometric files see website or contact factory.

Output Specifications (per lamp unit)

Reference Delivered Lumens	CCT	Optics	Drive Current	Finish
767 (ref. 3000K, MG F, 500mA WHS)	2700K (0.96) 3000K (1.00) 3500K (1.03)	MG F (1.00) MG M (1.05) MG S (1.04) FG F (0.88)	350mA (0.74) 500mA (1.00) 700mA (1.30)	BLS (0.90) WHS (1.00) GOMT (0.94) BLBR (0.89) BRBR (0.90) CHBR (0.94) SBBR (0.95)
430 (ref. 3000K-1800K, MG F, WHS)	3000K - 1800K (1.00)	MG F (1.00) MG M (0.99) FG F (0.85)	350mA (1.00)	BLS (0.88) WHS (1.00) GOMT (0.91) BLBR (0.95) BRBR (0.96) CHBR (0.99) SBBR (1.02)

Multipliers are indicated between brackets: ( )
Example calculation, to determine typical output for 2700K, Microprismatic Glass, Medium, 700mA Black Structure: 767 x (0.96) x (1.05) x (1.30) x (0.90) = 904 lumens

Listings and Certifications

- Listed: cULus
- Damp or wet locations (indoor use only)
- CCEA Chicago Plenum (when used with IC-UAT Housing)
- Airtight per ASTM-E283-04 (when used with IC-UAT Housing)

Warranty

- Visit https://www.supermodular.com/en-us/warranty/

quick links