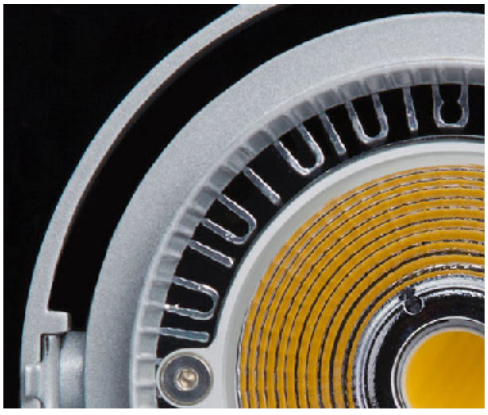

Collection of multi-lamps directional LED downlights. Multiple Large is most suitable for large scale retail and architectural lighting applications where scalable lighting solutions are required. Highly reliable thermal design ensures long lasting performance and color consistency.

Luminaire characteristics:	**Power input:** 22 or 28.5W (per lamp) **Lumens:** 2400 or 3100lm per lamp (for 3000K, 80CRI) **Luminaire efficacy:** Up to 112lm/W
Source:	BRIDGELUX VERO18 LED module, (LM-80 tested). 2700K: 90CRI or 97CRI 3000K: 80CRI, 90CRI or 97CRI 3500K: 80CRI or 90CRI 4000K: 80CRI
Lumen maintenance:	90% of initial lumens at 132 000 hours (L90), (LM-79 tested).
Optics:	Spot, Narrow Flood or Flood. Each optical assembly is adjustable 45° on all axes.
Material:	Optical assembly: Die-cast aluminum Heatsink: Extruded aluminum Reflector: High bright anodized aluminum Housing: Black oxide steel Connection box and hardware: Galvanized steel
Mounting:	New construction plaster frame or remodeling. No plaster frame needed for remodeling option. See page 4 for details.
Electrical:	Integral high efficiency electronic power supply, rated 50 000 hours, 120V, 277V or 120-277V.
Dimming:	Standard power supply compatible with 0-10V dimming. Optional power supply available for Hi-lume® BUS supply or Hi-lume® 3-wire dimming.
Finish:	White RAL9003, Black RAL9004, or Gray RAL9006 painted finish.
Weight:	TBC.
Warranty:	5 year limited warranty.
Ratings:	IP20.
Certification:	cULus listed for Damp location. Energy star certified product. To confirm which versions are certified, please consult the product list: www.energystar.gov/productfinder

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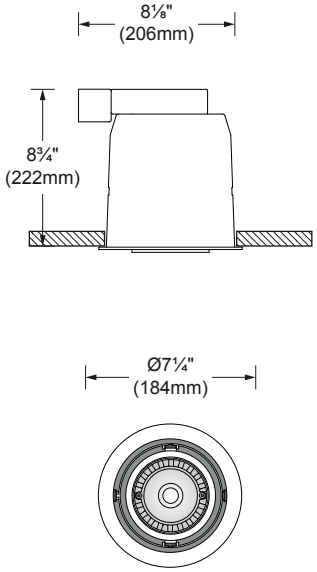
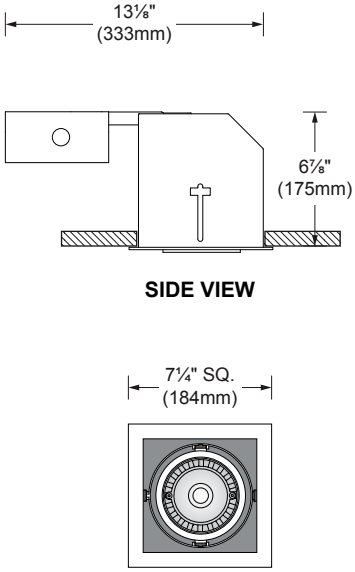
MODELS

8208



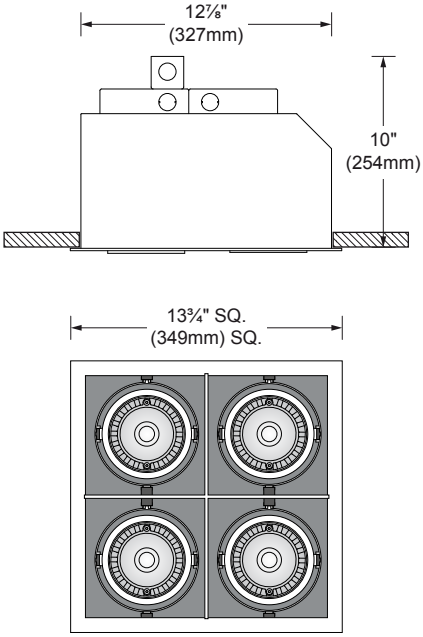
8218



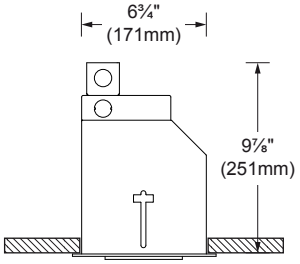
SIDE VIEW

BOTTOM VIEW

8248

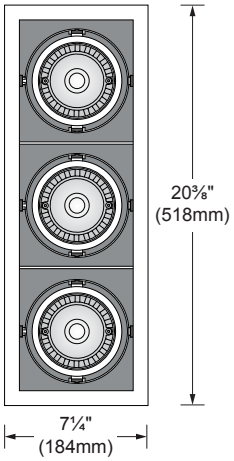


8228

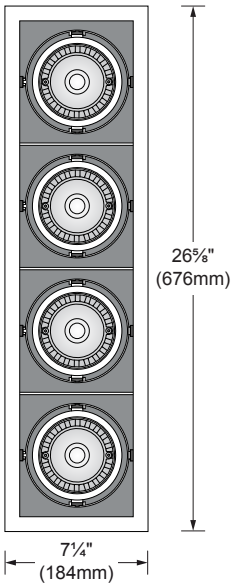


SIDE VIEW

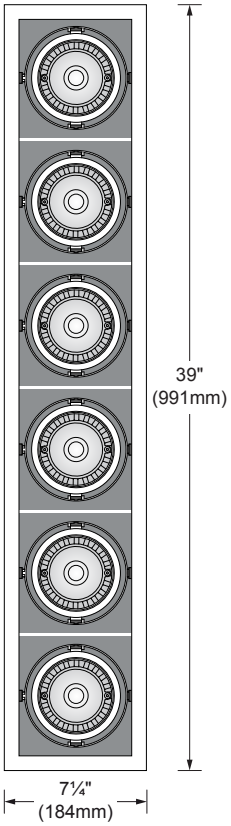
8238

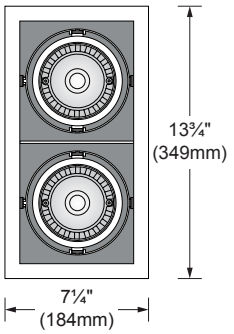


8248L



8268





BOTTOM VIEW

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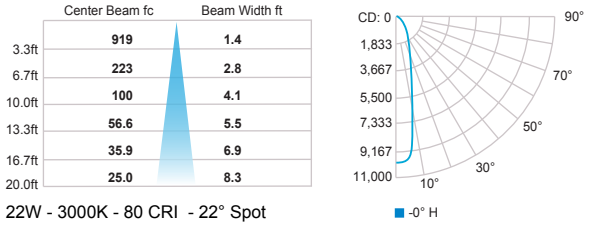
PHOTOMETRIC DATA

Photometric performance is measured at an accredited independant laboratory in accordance with IESNA LM-79.
Visit sistemalux.com for complete photometric data.

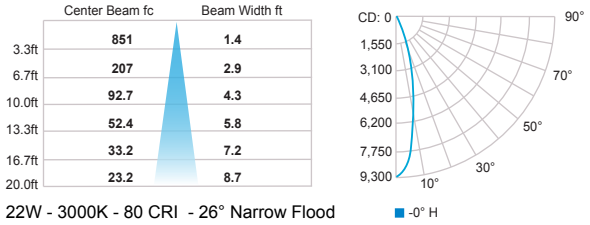
REFER TO ONE LAMP

CCT (K)	CRI	OUTPUT	LOAD (W)	OPTIC	LUMENS (lm)	EFFICACY (lm / w)	MAX CANDELA (cd)	MODELS
3000K	80	BO	**22W**	Spot	2465	112	10 000	8218-830-20
				Narrow Flood	2455	111	9270	8218-830-30
				Flood	2430	110	5295	8218-830-40
		HO	**28.5W**	Spot	3155	110	12 800	8218-HO-830-20
				Narrow Flood	3140	110	11 865	8218-HO-830-30
				Flood	3110	109	6775	8218-HO-830-40

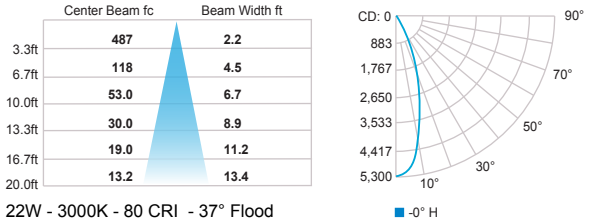
*USE MULTIPLIER TABLE BELOW FOR OTHER CCT AND CRI OUTPUT DATA



22W - 3000K - 80 CRI - 22° Spot



22W - 3000K - 80 CRI - 26° Narrow Flood



22W - 3000K - 80 CRI - 37° Flood

MULTIPLIER TABLE

CCT options	2700K	2700K	3000K	3000K	3000K	3500K	3500K	4000K
CRI options	90CRI	97CRI	80CRI	90CRI	97CRI	80CRI	90CRI	80CRI
Multiplier	**0.80**	**0.69**	**1**	**0.83**	**0.74**	**1.03**	**0.86**	**1.04**

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INSTALLATIONS OPTIONS

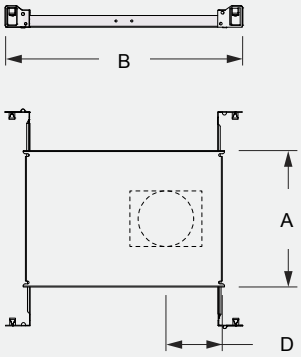
Remodel

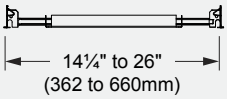
Versatile housing for new or existing ceiling structure. Suitable for non-insulated ceiling assemblies, like sheetrock, or paneling. Fixture is ready for remodeling installation. See page 2 for dimensions.

New construction with plaster frame

Plaster frame with hanger bars system to be installed during rough-in phase. Suitable for non-insulated new construction ceiling assemblies, like sheetrock, acoustic tiles, or paneling. Housing and trim can be shipped separately.

Ceiling thickness: ⅛" to 1⅜" (3mm - 35mm)





Model	Plaster frame	Overall dimensions (AxB)	Cut-out position (D)	Cut-out dimensions	Clearance
Single round	**MUL-210R-KIT**	9½" x 14⅛" (241mm x 359mm)	4¾" (121mm)	Ø 6¾" (171mm)	8¾" (222mm)
Single square	**MUL-210C-KIT**	9½" x 14⅛" (241mm x 359mm)	4¾" (121mm)	6½" x 6½" (165mm x 165mm)	6⅞" (175mm)
Double	**MUL-220C-KIT**	9½" x 20⅝" (241mm x 524mm)	8" (203mm)	13" x 6½" (330mm x 165mm)	9⅞" (251mm)
Triple	**MUL-230C-KIT**	9½" x 27⅛" (241mm x 689mm)	11¼" (286mm)	19½" x 6½" (495mm x 165mm)	
Four square	**MUL-240C-KIT**	15⅜" x 20¼" (391mm x 514mm)	8⅝" (219mm)	13⅛" x 13⅛" (333mm x 333mm)	10" (254mm)
Four long	**MUL-240-L-C-KIT**	9½" x 33⅜" (241mm x 848mm)	14⅜" (365mm)	25¾" x 6½" (654mm x 165mm)	9⅞" (251mm)
Six	**MUL-260C-KIT**	9½" x 45⅞" (241mm x 1165mm)	20⅝" (524mm)	38¼" x 6½" (971mm x 165mm)	

Due to continuous improvements, the information herein may be changed without notice
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ORDERING INFO

RESET

____ - ____ - ____ - ____ - ____
FIXTURE

PLASTER FRAME

MODELS

- ☐ **8208 -** Single, round
- ☐ **8218 -** Single
- ☐ **8228 -** Double
- ☐ **8238 -** Triple
- ☐ **8248 -** Four, Square
- ☐ **8248L -** Four, long
- ☐ **8268 -** Six

OUTPUT

- ■ Base output, 22W
- ☐ **HO -** High output, 28.5W

LED

- ☐ **927 -** 2700K, 90 CRI
- ☐ **027 -** 2700K, 97 CRI(1)
- ☐ **830 -** 3000K, 80 CRI
- ☐ **930 -** 3000K, 90 CRI
- ☐ **030 -** 3000K, 97 CRI(1)
- ☐ **835 -** 3500K, 80 CRI
- ☐ **935 -** 3500K, 90 CRI
- ☐ **840 -** 4000K, 80 CRI(1)

OPTIC

- ☐ **20 -** Spot
- ☐ **30 -** Narrow Flood
- ☐ **40 -** Flood

VOLTAGE

- ☐ **120 -** 120V(2)
- ☐ **277 -** 277V(2)
- ☐ **UNV -** 120-277V

FINISH

- ☐ **01 -** White
- ☐ **02 -** Black
- ☐ **10 -** Gray

OPTIONAL DIMMING

- ☐ **D2A -** Lutron Hi-lume® A-Series 3 wire, wired in factory
- ☐ **D2B -** Lutron Hi-lume® A-Series BUS supply, wired in factory

(1)LED options may require a longer lead time than standard. Please contact factory for details.
(2)120V and 277V is only available for model 8218 (single).

INSTALLATION

- ☐ Remodel
- ■ New construction

ACCESSORIES (TO BE ORDERED SEPARATELY)

*Maximum of 3 accessories per optical assembly.

- ☐ **1701A** - Frosted lens
- ☐ **1702A** - Elliptic lens
- ☐ **1703A** - Soft focus lens
- ☐ **1704A-52** - Black hex cell louver
- ☐ **8212-05** - Red glass lens
- ☐ **8212-06** - Yellow glass lens
- ☐ **8212-09** - Sky blue glass lens
- ☐ **8212-24** - Clear glass lens
- ☐ **1695A-52** - Black cross baffle Length: 7/8" (22.5mm)
- ☐ **1705A-52** - Black snoot Length: 1¾" (44mm)
- ☐ **1706A-52** - Black visor wall washer Length: 1¾" (44mm)

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