

# CM1883-W HARMONY™

2' x 2' Behavioral & Mental Health, Overbed

US Patent pending



US Patent D1,065,646

[VisaLighting.com/products/Harmony](http://VisaLighting.com/products/Harmony)

Type: \_\_\_\_\_ Project: \_\_\_\_\_ Location: \_\_\_\_\_



### DIMENSIONS

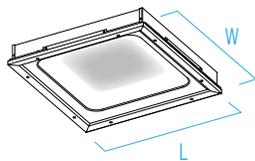
W = Width      L = Length      WT = Weight

	Grid Install	SRI Install
<b>W</b>	23-3/4" (603 mm)	27-1/2" (700 mm)
<b>L</b>	23-3/4" (603 mm)	27-1/2" (700 mm)
<b>WT (Housing)</b>	22 lbs (9979 gm)	
<b>WT (Driver Box)</b>	< 2.5 lbs (<1134 gm)	

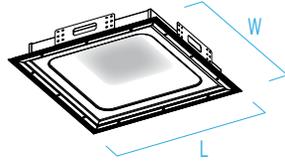
### FEATURES

- BAA (Buy American Act) and BABA (Build American, Buy America) compliant
- High, medium and low lumen output options
- Impact tests performed exceed IK10+ rating over multiple impacts and include ligature resistance testing after each impact
- High abuse lens and frame features 3/16" thick, high impact clear polycarbonate with anti-scratch coating secured with tamper resistant fasteners
- Ligature resistant; sheetrock/drywall installation (see [Installation Instructions](#)), not suited for grid ceiling installation
- Driver mounted in a separate enclosure; must be remote mounted (connection to fixture by others)
- Diffuser: one piece vacuum formed high transmittance matte white acrylic
- Housing: 14-gauge aluminum body coated in high-reflectance white paint
- Front Bezel: one piece 14-gauge aluminum powder coated in matte white
- Finish: all powder-coated surfaces utilize antimicrobial paint (no VOC)
- Room side of unit is Certified IP65, BHSRI(IP65) installation option only
- Suitable for restricted air flow applications. See [Installation Instructions](#) for more information
- Not suitable for Insulation Contact
- ETL listed for damp locations. Not suitable for exterior applications

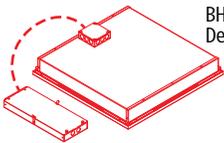
BHGrid Installation



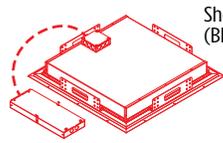
BHSRI Installation



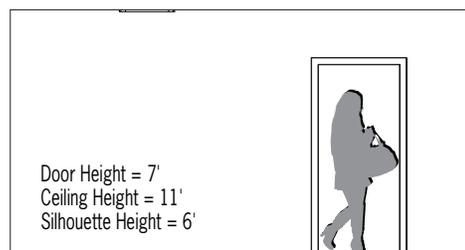
BHGrid Installation Detail



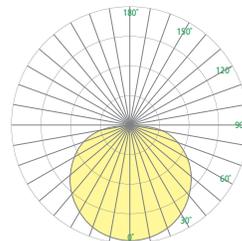
Sheetrock Installation (BHSRI) Detail



### RELATIVE SCALE DRAWING



### PHOTOMETRICS



Compliant



IP65 Certified



ETL Listed



5 Year Warranty

# CM1883-W HARMONY (cont.)

## 2' x 2' Behavioral & Mental Health, Overbed



EXAMPLE: CM1883-W-L35K(H)-MVOLT-BHSRI

CM1883-W			
MODEL	SOURCE <sup>1</sup>	INSTALLATION	OPTION
CM1883-W	<ul style="list-style-type: none"> <li>L30K(2C)</li> <li>L35K(2C)</li> <li>L40K(2C)</li> </ul>	<b>BHGRID</b> BH Casing for standard Plenum Ceiling <b>BHSRI</b> BH Casing for Hard Ceiling <b>BHSRI(IP65)</b> BH Casing for Hard Ceiling, IP65	<b>CP</b> Chicago Plenum certified <b>LVPC(DIM)</b> Low voltage patient control interface (3 load with dimming) requires minimum of 1 switch per zone (by others). Interface is prewired at factory <b>NGT</b> Low Output Amber LED; Separate circuit

SOURCE<sup>1</sup> (Select one)

Dimmable 0-10V to 1%, Minimum 90CRI, within 3-step MacAdam

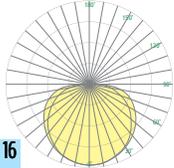
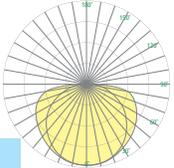
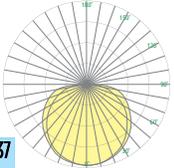
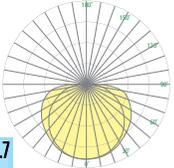
Source	CCT	Delivered Lumens	Power (Watts)
L30K(H)	3000K	3500	52
L30K(M)	3000K	2600	38
L30K(L)	3000K	1700	25
L35K(H)	3500K	3600	52
L35K(M)	3500K	2700	38
L35K(L)	3500K	1800	25
L40K(H)	4000K	3600	52
L40K(M)	4000K	2700	38
L40K(L)	4000K	1800	25

### LUMEN MAINTENANCE RATING

<b>L85 (reported)</b>	>60,000 hrs
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Reported Lifetime per IES TM-21

### BED ILLUMINANCE <sup>1, 2, 3</sup>

AMBIENT <sup>5</sup>	READING <sup>4, 5</sup>	EXAM <sup>3</sup> Ambient + Reading Circuit	NGT FUNCTION <sup>4</sup> <span style="color: red;">Requires (3C) Option</span>																																																																																																																																																																																																																																																																		
19fc Average Avg/Min = 1.30 2800lm Delivered 39W Input 72 LPW 	27fc Average Avg/Min = 1.10 3750lm Delivered 64W Input 59 LPW 	43fc Average Avg/Min = 1.30 6550lm Delivered 104W Input 63 LPW 	0.8fc Average Avg/Min = 1.30 120lm Delivered 7W Input 																																																																																																																																																																																																																																																																		
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### NOTES

- <sup>1</sup> Values listed are for L35K CCT for all functions except NGT. Multiply by: 1.01 for L40K, 0.97 for L30K
- <sup>2</sup> Values reduced by 5% if 90CRI option selected
- <sup>3</sup> Values are average maintained illuminance on standard twin XL bed at 3ft AFF, with fixture mounted on 9ft AFF and centered over bed with headwall side of fixture 1ft from head of bed. Room used for calculations is 12ft wide by 15ft long with 80/50/20 ceiling/wall/floor reflectances and head of bed centered on 15ft wall. LLF=0.85 used for all values.
- <sup>4</sup> Across the full width of the bed surface and 2ft from the head of the bed to 2ft from the foot of the bed
- <sup>5</sup> Lumen Maintenance Rating for white LED sources: L85 (Reported) > 60,000 hrs; per IES TM-21

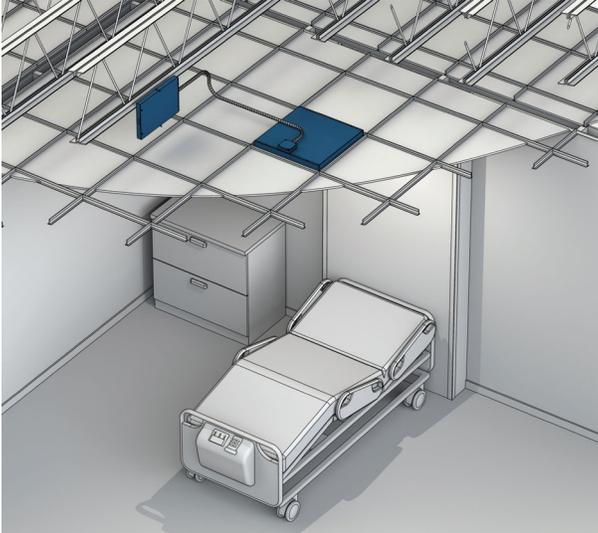
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2' x 2' Behavioral & Mental Health, General Use

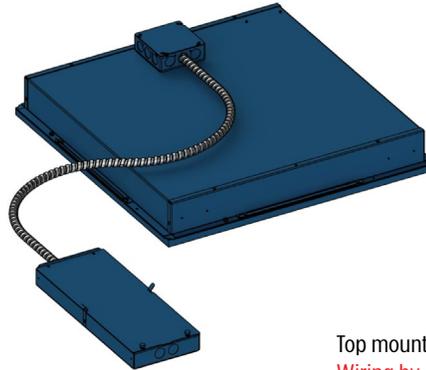
US Patent D1,065,646



## REMOTE DRIVER



The slim Remote Driver compartment must be mounted in remote locations such as corridors and wiring closets on the floor or wing of the facility using low voltage wiring.

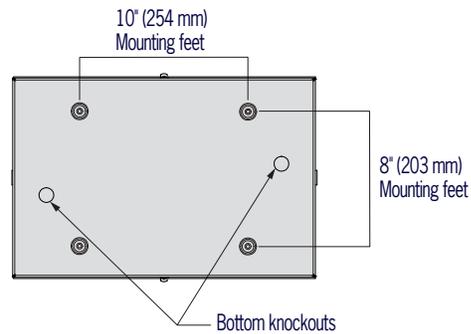
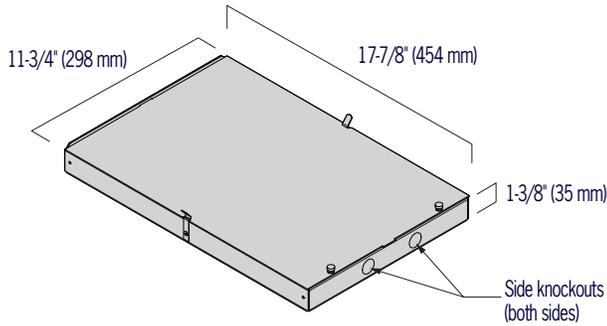


Maximum Recommended Remote Wiring Distance from Remote Driver to Fixture Connection

	2C	3C
10AWG	375 ft	325 ft
12AWG	250 ft	200 ft
14AWG	150 ft	125 ft
16AWG	75 ft	75 ft
18AWG	50 ft	50 ft
20AWG	25 ft	25 ft

Top mounted 4x4 J-box included with remote driver  
**Wiring by others**

## DRIVER BOX INFORMATION



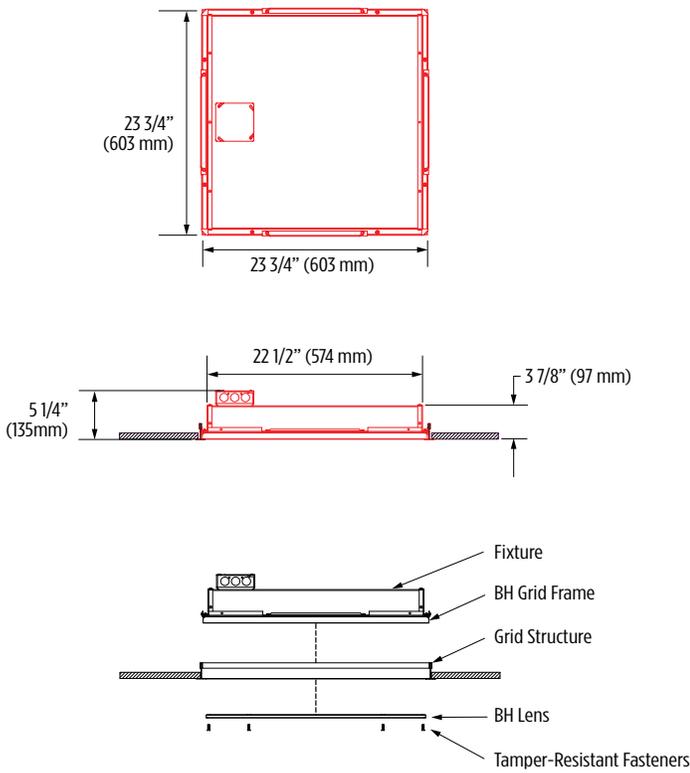
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## 2' x 2' Behavioral & Mental Health, General Use

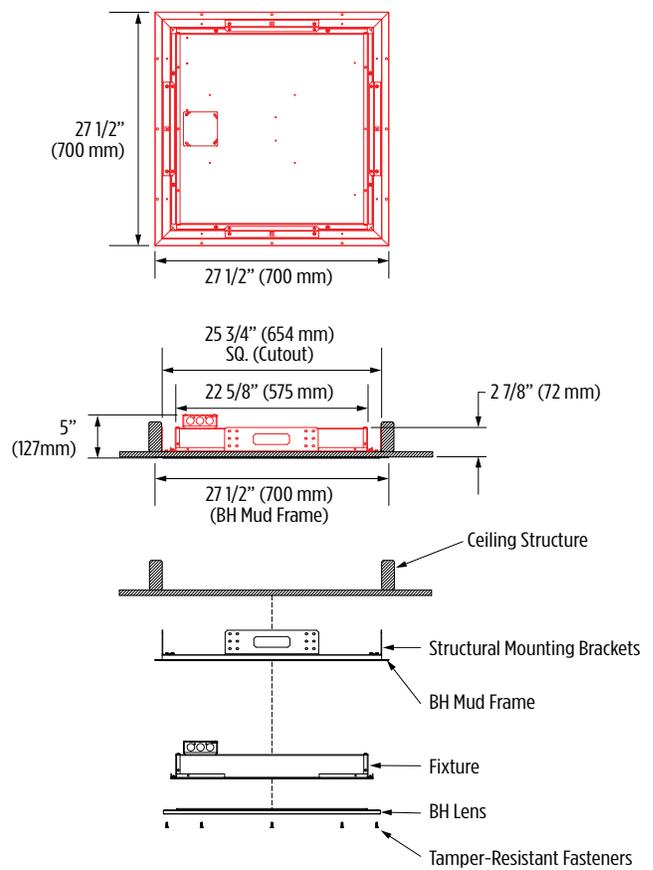


### INSTALLATION INFORMATION

Grid Installation BHGrid Detail



Sheetrock Installation BHSRI & BHSRI(IP65) Detail



### HARMONY PRODUCT FAMILY

General Use	2'x2'	• <a href="#">CM1882-W</a>
	2'x4'	• <a href="#">CM1886-W</a>
General Use Tunable	2'x2'	• <a href="#">CM1882-T</a>
	2'x4'	• <a href="#">CM1886-T</a>
Overbed	2'x2'	• <a href="#">CM1881-W</a>
	2'x4'	• <a href="#">CM1885-W</a>
High Abuse/ Behavioral Health Overbed	2'x2'	• <a href="#">CM1883-W</a>
	2'x4'	• <a href="#">CM1887-W</a>
High Abuse/ Behavioral Health General Use	2'x2'	• <a href="#">CM1884-W</a>
	2'x4'	• <a href="#">CM1888-W</a>
High Abuse/ Behavioral Health General Use Tunable	2'x2'	• <a href="#">CM1884-T</a>
	2'x4'	• <a href="#">CM1888-T</a>

### SUGGESTED VARIATIONS

- Alternate dimming control compatibility
- Custom colors for lens frame
- Custom light output

See [VisaLighting.com/products/Harmony](https://www.VisaLighting.com/products/Harmony) for more information