

# CM1881-W HARMONY™

US Patent pending

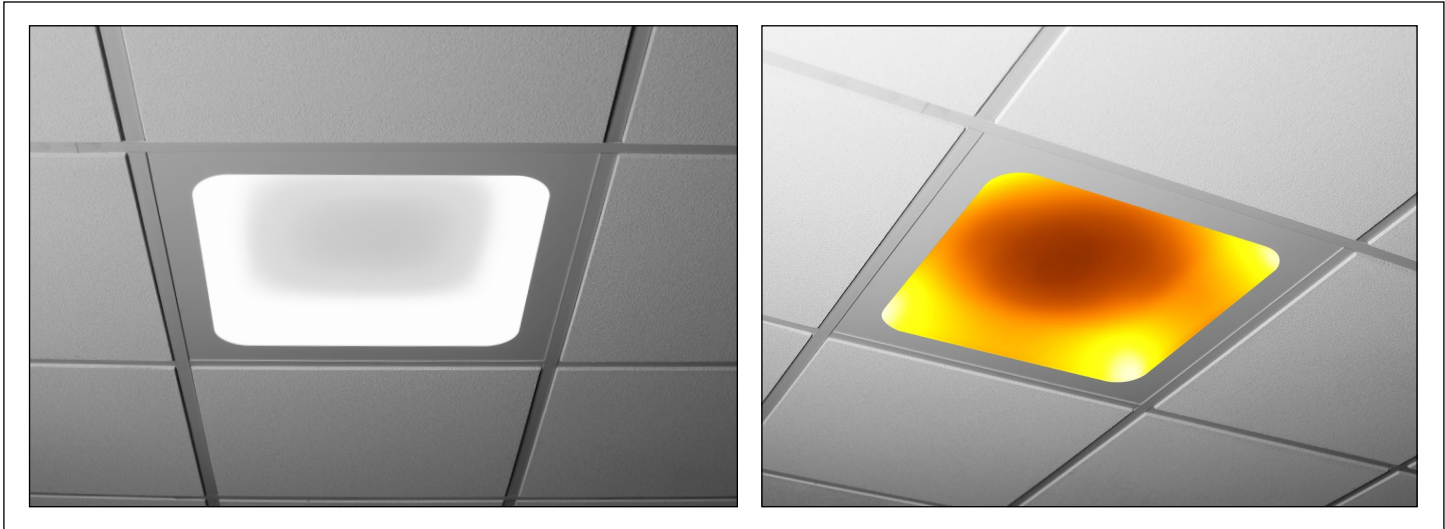


## 2' x 2' Recessed Overbed

US Patent D1,065,646

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

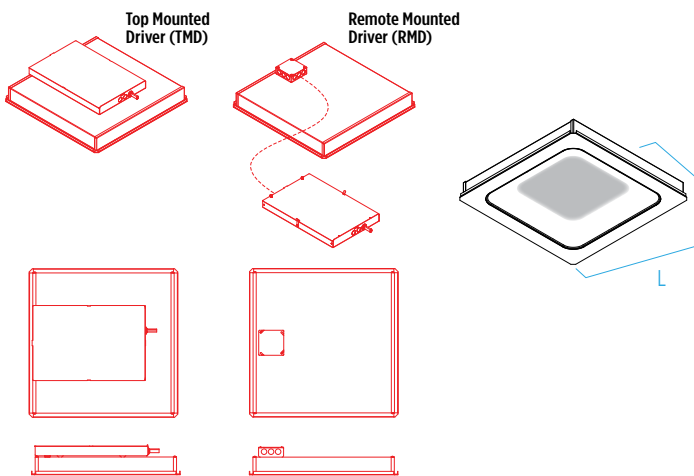
Type: \_\_\_\_\_ Project: \_\_\_\_\_ Location: \_\_\_\_\_



### DIMENSIONS

W = Width      L = Length      WT = Weight

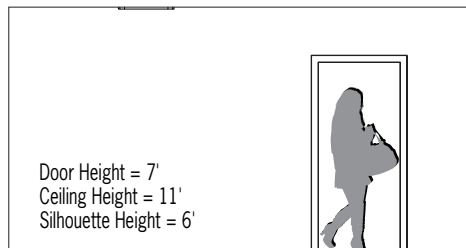
<b>W</b>	23-3/4" (603 mm)
<b>L</b>	23-3/4" (603 mm)
<b>WT (Housing)</b>	22 lbs (9979 gm)
<b>WT (Driver Box)</b>	< 2.5 lbs (<1134 gm)



### FEATURES

- BAA (Buy American Act) and BABA (Build American, Buy America) compliant
- Ambient and Reading modes standard **(2C)**
- Drivers conveniently mounted in a separate enclosure. Mounted on top of unit [Top Mounted Driver **(TMD)** option] or mounted remotely [Remote Mounted Driver **(RMD)** option]
- Optional low voltage patient control **(LVPC-DIM)** switching interface for pillow speaker/nurse call systems; interface pre-wired to drivers at factory. See wiring diagrams on page 4 for more information
- Low output Amber LED **(NGT)** option to minimize patient disturbance during non-daylight hours
- Shallow recessed depth minimizes interference with systems within ceiling plenum
- Suitable for installation on most standard 2x2 T-bar grid systems
- Accessory Kit **(SRI-2x2)** for drywall/sheetrock installations available (order separately – see page 5)
- 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 IP64
- Room side of unit is Certified NSF2
- Suitable for restricted air flow applications. See [Installation Instructions](#) for more information
- Optional CCEA (City of Chicago Environmental Air) - select **(CP)** option
- Not suitable for Insulation Contact
- ETL listed for damp locations. Not suitable for exterior applications

### RELATIVE SCALE DRAWING



# CM1881-W HARMONY (cont.)

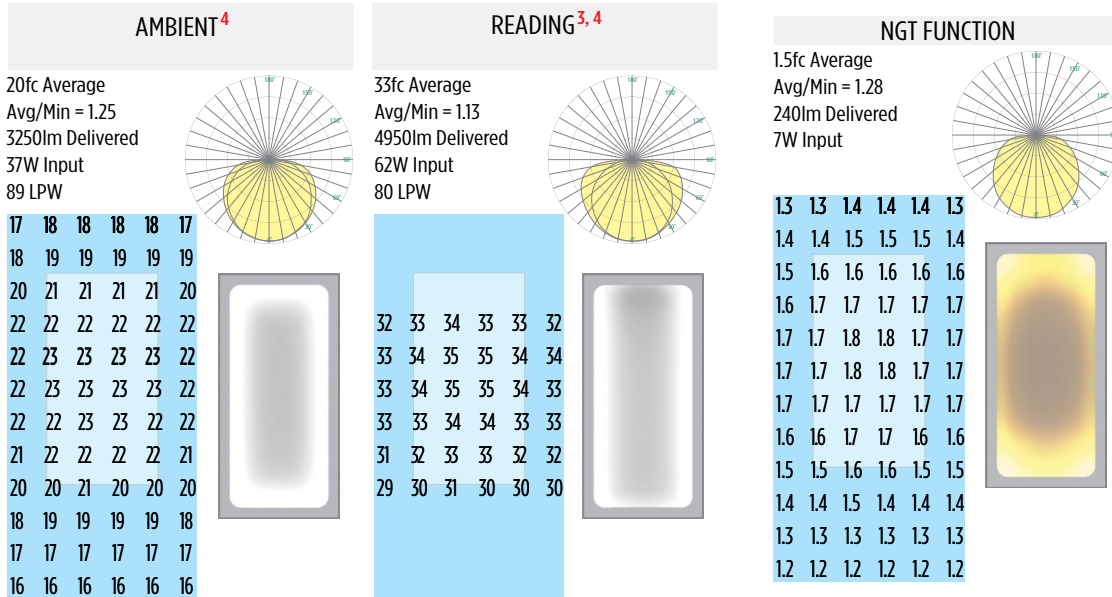
## 2' x 2' Recessed Overbed



EXAMPLE: CM1881-W-L35K-(3C)-120V-TMD-CP-LVPC(DIM)-NGT

CM1881-W				
MODEL	CCT	CIRCUITS-VOLTAGE	DRIVER	OPTION(S)
	<ul style="list-style-type: none"> <li>• <b>L30K</b> 3000K</li> <li>• <b>L35K</b> 3500K</li> <li>• <b>L40K</b> 4000K</li> </ul> <p>CCT will match for all functions</p>	<p><b>(2C)-120V</b> AMBIENT &amp; READING circuits. Voltage is 120V</p> <p><b>(2C)-277V</b> AMBIENT &amp; READING circuits. Voltage is 277V</p> <p>Ambient and Reading functions dimmable 0-10V to 1%</p>	<p><b>RMD</b> Remote Mounted Driver</p> <p><b>TMD</b> Top Mounted Driver</p>	<p><b>CP</b> Chicago Plenum certified</p> <p><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</p> <p><b>NGT</b> Low Output Amber LED; Separate circuit</p>

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



### 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 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>3</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>4</sup> Lumen Maintenance Rating for white LED sources: L85 (Reported) > 60,000 hrs; per IES TM-21

# CM1881-W HARMONY (cont.)

## 2' x 2' Recessed Overbed

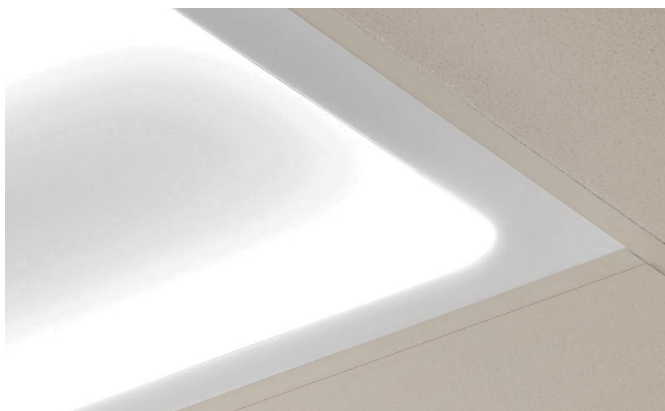
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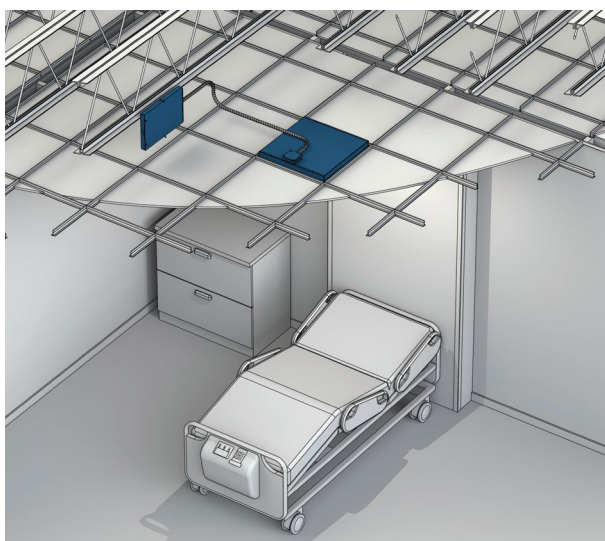
### REGULAR TILE INSTALLATION



### LAY-IN TILE INSTALLATION



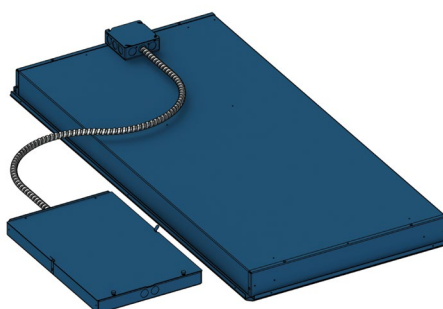
### REMOTE DRIVER (RMD)



The slim Remote Driver (**RMD**) compartment can be mounted in remote locations such as corridors and wiring closets on the floor or wing of the facility using low voltage wiring. **RMD** is recommended for Sheet Rock/Drywall installations for easy driver maintenance.

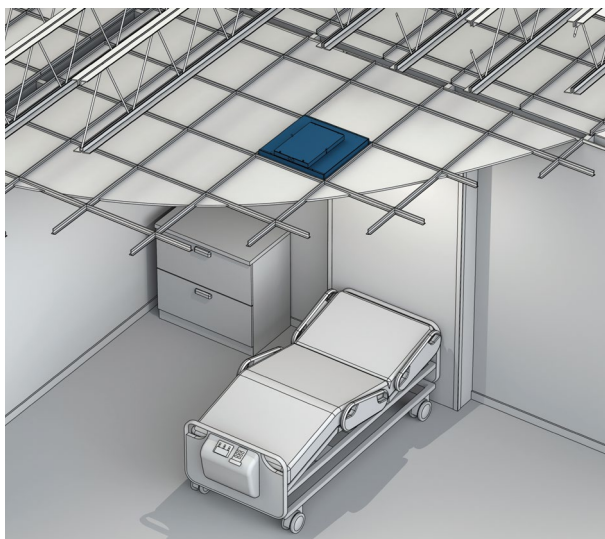
Maximum Recommended  
Remote Wiring  
Distance from RMD  
to Fixture Connection

	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

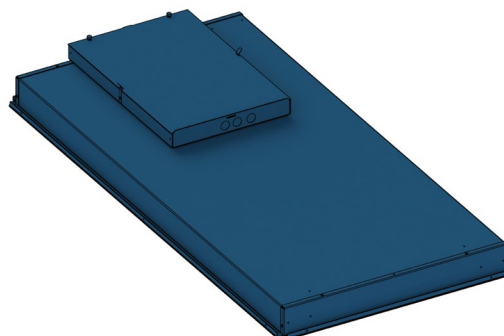


Top mounted 4x4 J-box included with RMD option  
Wiring between remote box and fixture by others

### TOP MOUNTED DRIVER (TMD)



If corridor plenums are overcrowded, the driver can be mounted within the patient room ceiling utilizing the Top Mounted Driver option (**TMD**). Driver compartment can be accessed via adjacent ceiling tile

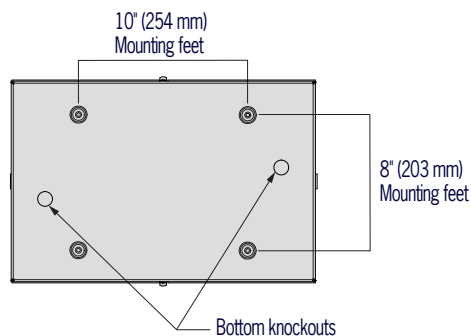
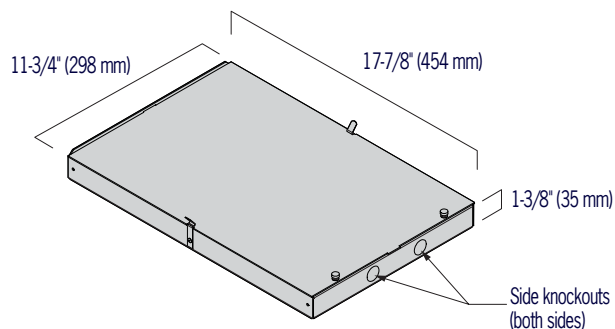


# CM1881-W HARMONY (cont.)

2' x 2' Recessed Overbed

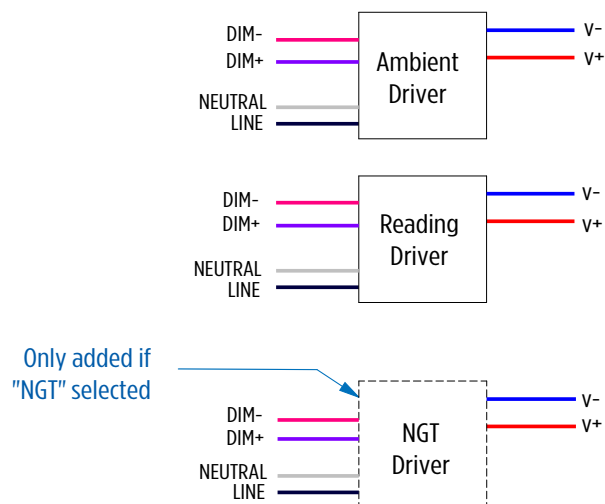


## DRIVER BOX INFORMATION

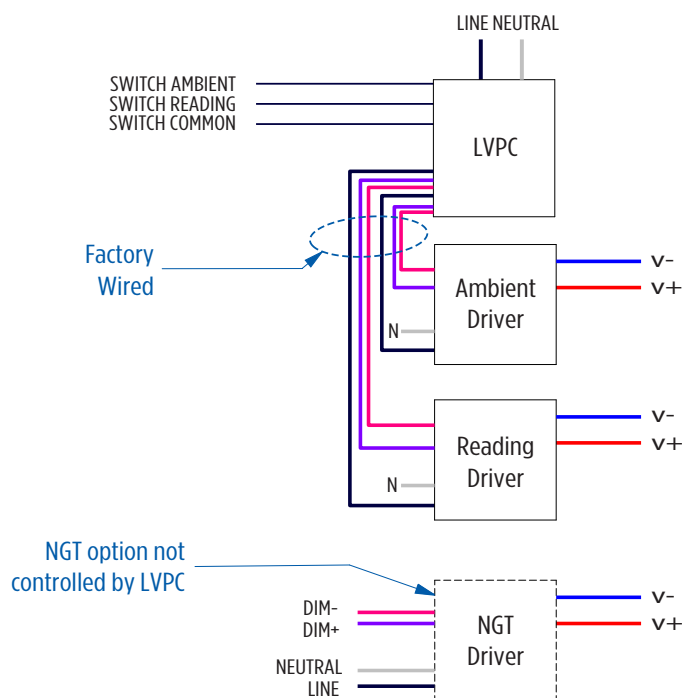


## WIRING DIAGRAMS

### DRIVER BOX



### DRIVER BOX with LVPC(DIM)



See [VisaLighting.com/LVPC-DIM](https://VisaLighting.com/LVPC-DIM) for more information

The LVPC(DIM) will arrive wired as shown above and set to MODE 1 to turn on Reading, Ambient, and 3C (if present) all together for Exam mode.

# CM1881-W HARMONY (cont.)

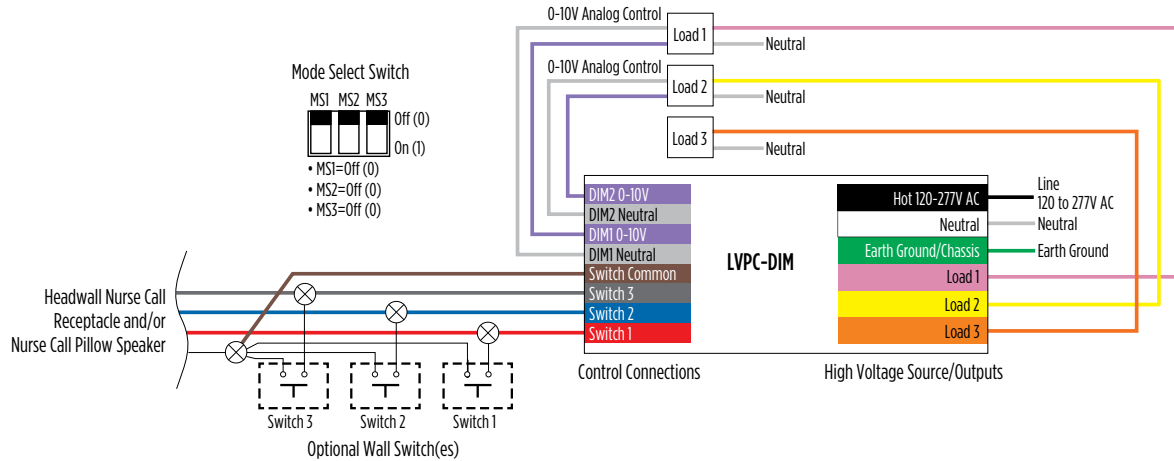
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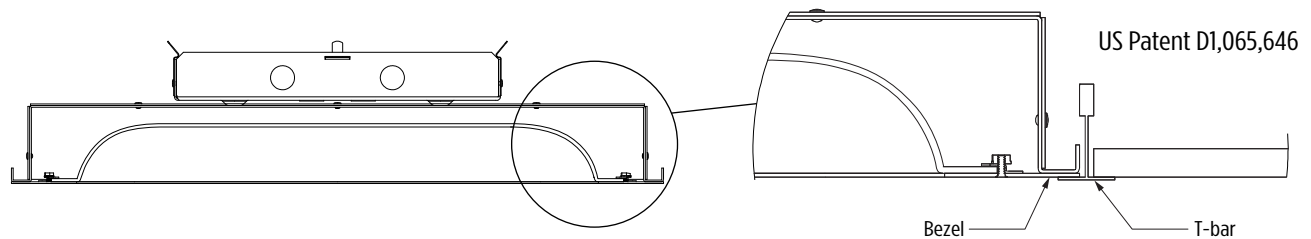


## MODE 1 (DEFAULT)

Loads 1 and 2 Independent (with dimming), Load 3 with Loads 1 and 2 at Max Output

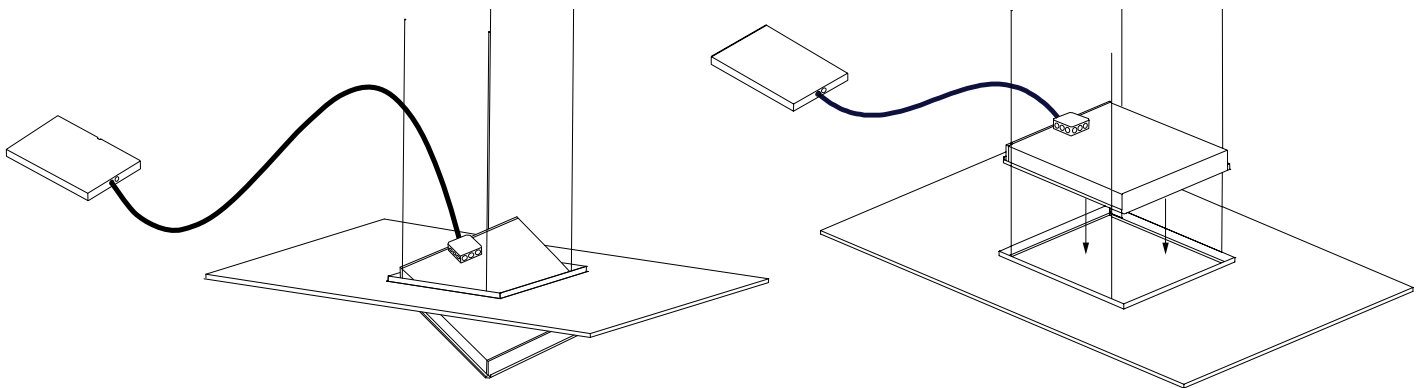


## GRID MOUNTING



## SRI-2x2 Sheetrock Installation Kit (Order Separately)

SRI-2x2 flange covers gap between ceiling board and light fixture. Suspend kit from structure. Insert fixture into ceiling and rest on flange. See [Installation Instructions](#) for dimensions. Remote Driver (RMD) Option is recommended for easy driver maintenance in sheetrock/drywall installations



# CM1881-W HARMONY (cont.)

2' x 2' Recessed Overbed



## ACCESSORIES (Order Separately)

<b>SRI-2x2</b>	Sheetrock installation kit
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## HARMONY PRODUCT FAMILY

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

## SUGGESTED VARIATIONS

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

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