

## CM1885-W HARMONY™

US Patent pending

2' x 4' Recessed Overbed


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

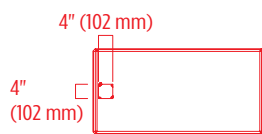
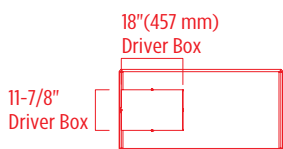
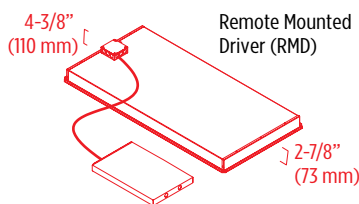
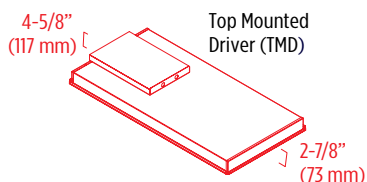
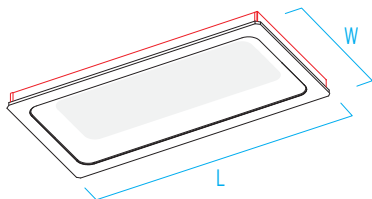
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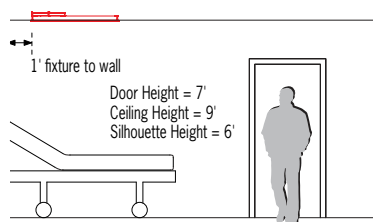
## DIMENSIONS

W = Width L = Length WT = Weight

W	23-3/4" (603 mm)
L	47-3/4" (1213 mm)
WT (Housing)	18 lbs (8165 gm)
WT (Driver Box)	< 7lbs (<3175 gm)



## RELATIVE SCALE DRAWING



## FEATURES

- Ambient, Reading and Exam modes standard
- The 2-circuit **(2C)** option features separate ambient and reading functions. Turn both functions on to enable IES RP-29 compliant exam lighting
- The 3-circuit **(3C)** option adds a third source enabling high-output exam lighting when used in conjunction with ambient and reading functions
- 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 90+CRI (delivered lumens reduced by 5%)
- 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 2x4 T-bar grid systems
- Accessory Kit **(SRI-2x4)** 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
- **(2C)** option is TYPE IC (suitable for Insulation Contact)
- **(3C)** option is TYPE NON-IC
- ETL listed for damp locations. Not suitable for exterior applications



IP64 Certified



NSF Certified



ETL Listed



5 Year Warranty

# CM1885-W HARMONY (cont.)

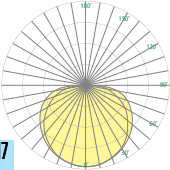

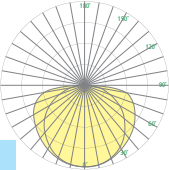

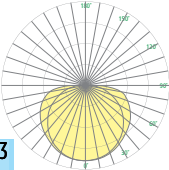

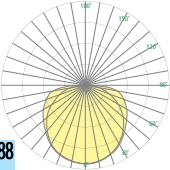

## 2' x 4' Recessed Overbed

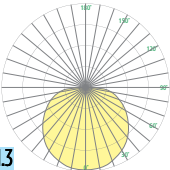



EXAMPLE: CM1885-W-L35K-(3C)-120V-90CRI-TMD-CP-LVPC(DIM)-NGT

CM1885-W					
MODEL	CCT	CIRCUITS-VOLTAGE	CRI	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><b>CCT &amp; CRI will match for all functions</b></p>	<p><b>(2C)-MVOLT</b> AMBIENT &amp; READING circuits included. Both circuits on at same time for EXAM function</p> <p><b>(3C)-120V</b> AMBIENT &amp; READING circuits plus 3rd circuit included. All 3 circuits on at same time for HIGH EXAM function. Voltage is 120V</p> <p><b>(3C)-277V</b> AMBIENT &amp; READING circuits plus 3rd circuit included. All 3 circuits on at same time for HIGH EXAM function. Voltage is 277V</p> <p><b>Ambient and Reading functions dimmable 0-10V to 1%</b></p>	<p><b>90CRI</b> Minimum CRI of 90 Minimum R9 value of 50 Lumen output reduced by 5%</p> <p><b>Minimum 80CRI if 90CRI is not selected</b></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 pre-wired at factory</p> <p><b>NGT</b> Low Output Amber LED; Separate circuit</p>

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

AMBIENT <sup>5</sup>	READING <sup>4, 5</sup>	EXAM <sup>5</sup> Ambient + Reading Circuit	HIGH EXAM <sup>5</sup> Ambient + Reading + 3rd Circuit
<p>20fc Average Avg/Min = 1.25 3250lm Delivered 37W Input 89 LPW</p>  	<p>33fc Average Avg/Min = 1.13 4950lm Delivered 62W Input 80 LPW</p>  	<p>50fc Average Avg/Min = 1.28 8250lm Delivered 99W Input 84 LPW</p>  	<p>100fc Average Avg/Min = 1.29 15,700lm Delivered 178W Input 88 LPW</p>  
<p>17 18 18 18 18 17</p> <p>18 19 19 19 19 19</p> <p>20 21 21 21 21 20</p> <p>22 22 22 22 22 22</p> <p>22 23 23 23 23 22</p> <p>22 23 23 23 23 22</p> <p>22 22 23 23 22 22</p> <p>21 22 22 22 22 21</p> <p>20 20 21 20 20 20</p> <p>18 19 19 19 19 18</p> <p>17 17 17 17 17 17</p> <p>16 16 16 16 16 16</p>	<p>32 33 34 33 33 32</p> <p>33 34 35 35 34 34</p> <p>33 34 35 35 34 33</p> <p>33 33 34 34 33 33</p> <p>31 32 33 33 32 32</p> <p>29 30 31 30 30 30</p>	<p>43 44 45 45 44 43</p> <p>46 47 48 48 47 46</p> <p>50 52 53 53 52 51</p> <p>54 55 56 56 55 54</p> <p>56 57 58 58 57 56</p> <p>56 57 58 58 57 56</p> <p>55 56 57 57 56 55</p> <p>53 54 55 54 54 53</p> <p>49 50 51 51 50 49</p> <p>45 46 47 47 46 45</p> <p>41 42 43 42 42 41</p> <p>39 39 40 40 40 39</p>	<p>86 88 90 91 89 88</p> <p>93 95 97 97 96 94</p> <p>102 104 107 107 105 103</p> <p>108 111 113 113 111 109</p> <p>113 115 118 117 115 113</p> <p>113 115 117 117 115 113</p> <p>110 113 115 115 113 111</p> <p>106 109 111 110 108 107</p> <p>99 101 103 103 101 99</p> <p>91 93 95 95 93 92</p> <p>83 84 86 86 84 83</p> <p>78 79 80 81 79 78</p>

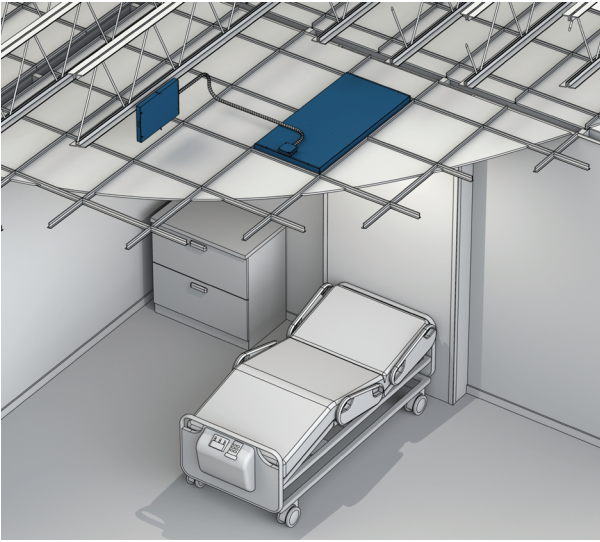
NGT FUNCTION	NOTES
<p>1.5fc Average Avg/Min = 1.28 240lm Delivered 7W Input</p>  	<p><sup>1</sup> Values listed are for L35K CCT for all functions except NGT Multiply by: 1.01 for L40K 0.97 for L30K</p> <p><sup>2</sup> Values reduced by 5% if 90CRI option selected</p> <p><sup>3</sup> Values are average 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.</p> <p><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</p> <p><sup>5</sup> Lumen Maintenance Rating for white LED sources: L85 (Reported) &gt; 60,000 hrs; per IES TM-21</p>
<p>1.3 1.3 1.4 1.4 1.4 1.3</p> <p>1.4 1.4 1.5 1.5 1.5 1.4</p> <p>1.5 1.6 1.6 1.6 1.6 1.6</p> <p>1.6 1.7 1.7 1.7 1.7 1.7</p> <p>1.7 1.7 1.8 1.8 1.7 1.7</p> <p>1.7 1.7 1.8 1.8 1.7 1.7</p> <p>1.7 1.7 1.7 1.7 1.7 1.7</p> <p>1.6 1.6 1.7 1.7 1.6 1.6</p> <p>1.5 1.5 1.6 1.6 1.5 1.5</p> <p>1.4 1.4 1.5 1.4 1.4 1.4</p> <p>1.3 1.3 1.3 1.3 1.3 1.3</p> <p>1.2 1.2 1.2 1.2 1.2 1.2</p>	

# CM1885-W HARMONY (cont.)

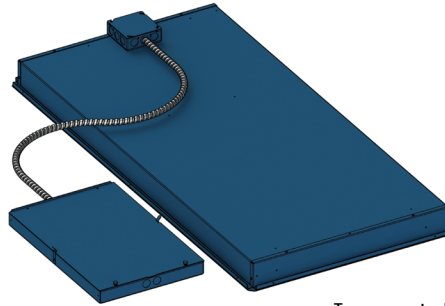
## 2' x 4' Recessed Overbed



### 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.

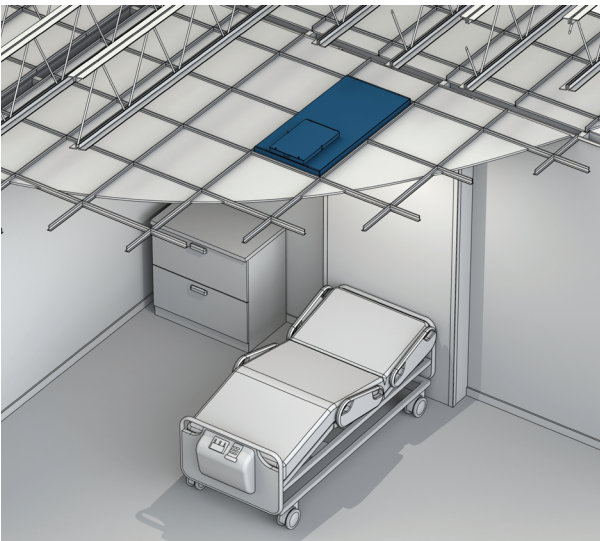


Top mounted 4x4 J-box included with RMD option  
Wiring between remote box and fixture by others

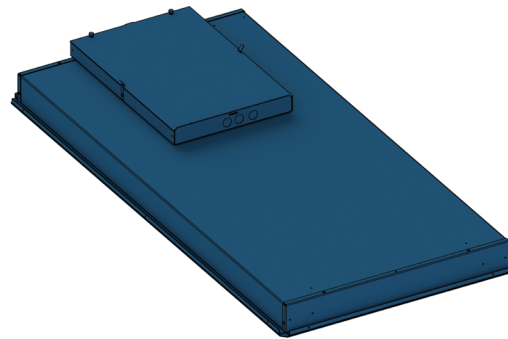
Maximum Recommended  
Remote Wiring  
Distance from RMD  
to Fixture Connection

	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

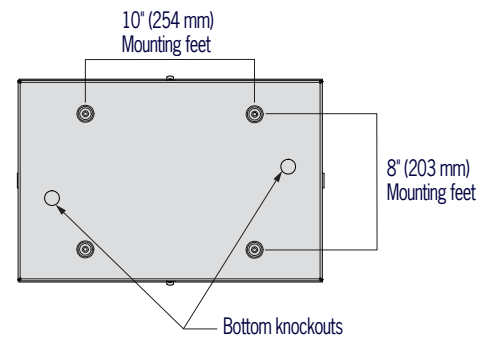
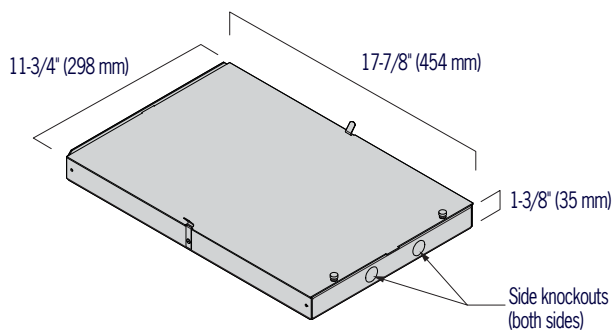
### TOP MOUNTED DRIVER (TMD)



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



### DRIVER BOX INFORMATION

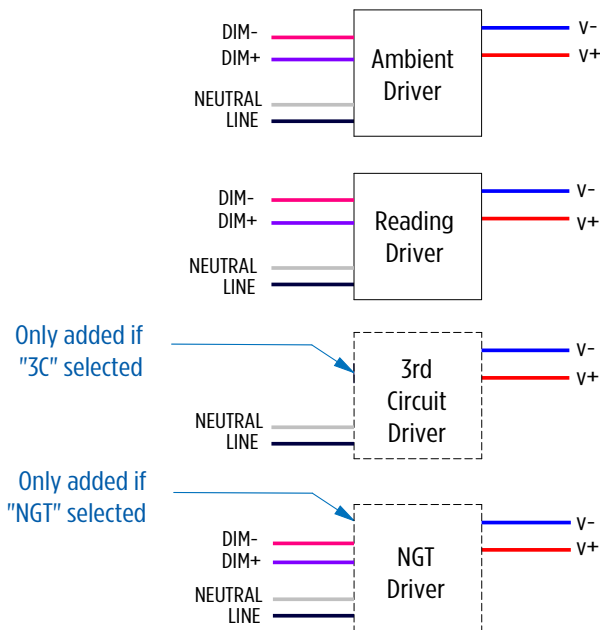


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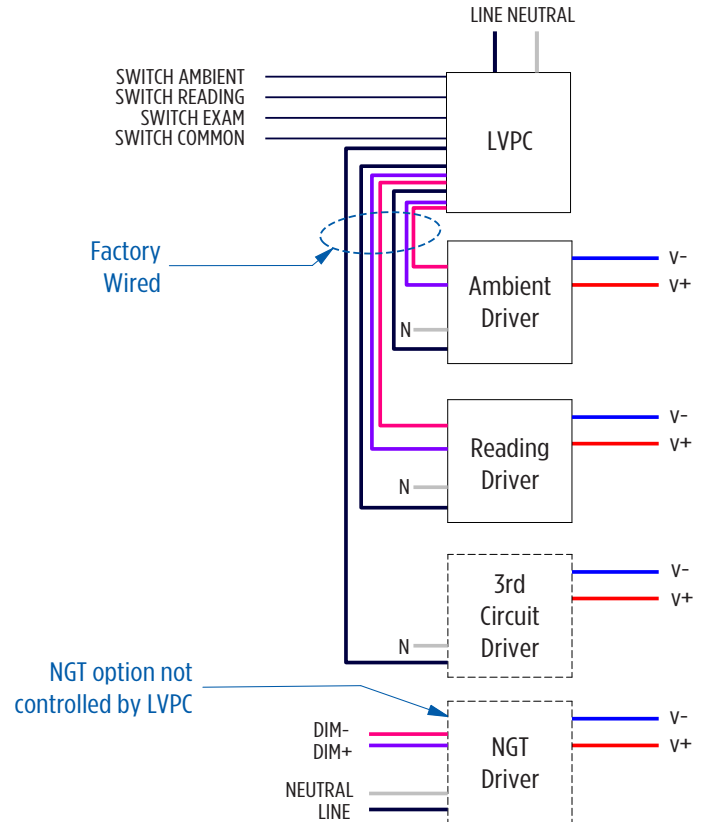
2' x 4' Recessed Overbed

## WIRING DIAGRAMS

### DRIVER BOX



### DRIVER BOX with LVPC(DIM)

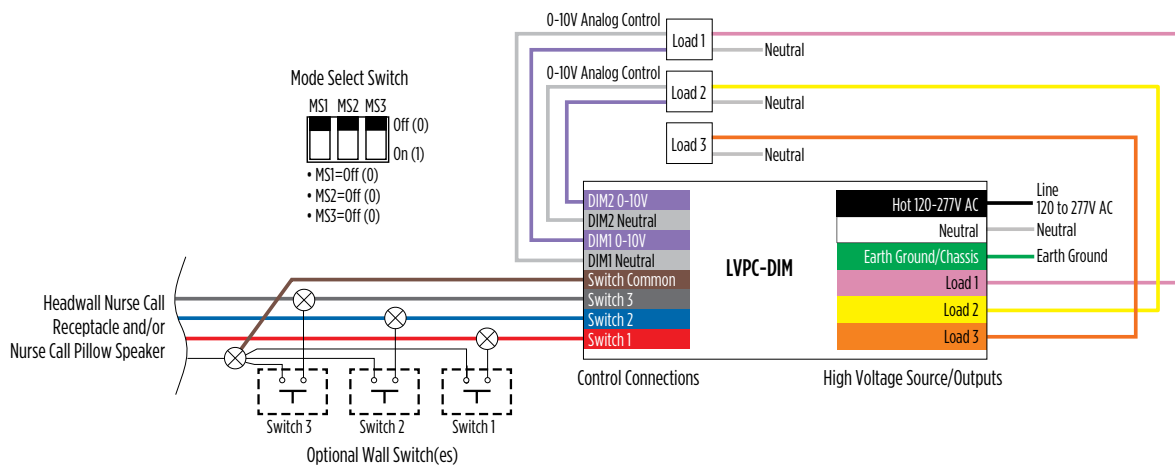


See [VisaLighting.com/LVPC-DIM](http://VisaLighting.com/LVPC-DIM) for more information

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.

### MODE 1 (DEFAULT)

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

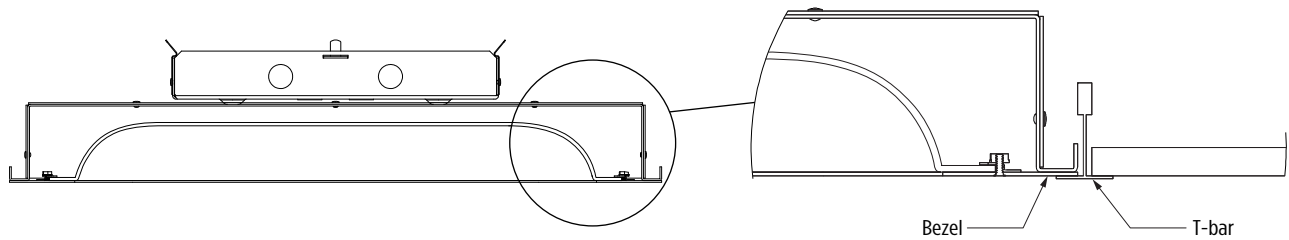


# CM1885-W HARMONY (cont.)

## 2' x 4' Recessed Overbed

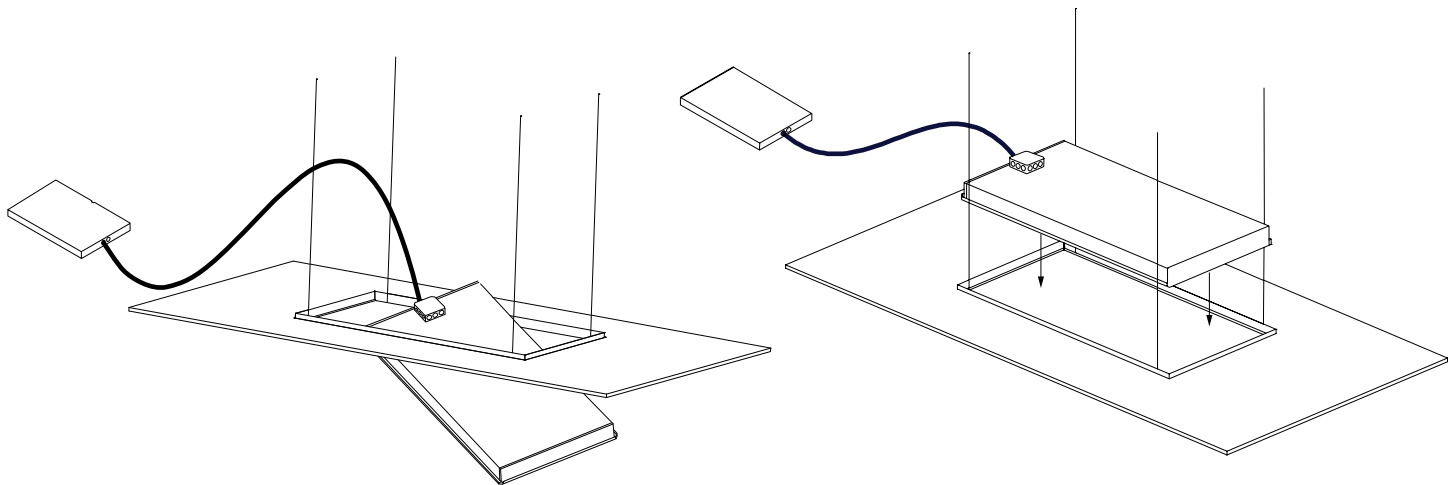


### GRID MOUNTING



### SRI-2x4 Sheetrock Installation Kit (Order Separately)

SRI-2x4 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



### ACCESSORIES (Order Separately)

SRI-2x4	Sheetrock installation kit
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### 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