

# CM1907 UNITY™

## 2' x 4' Overbed


[VisaLighting.com/families/Unity](https://VisaLighting.com/families/Unity)

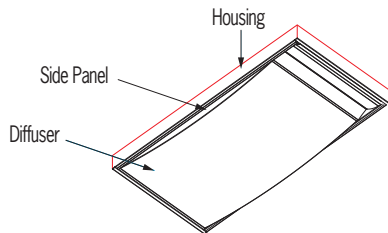
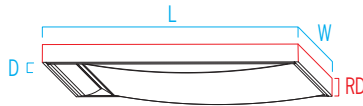
Type: \_\_\_\_\_ Project: \_\_\_\_\_ Location: \_\_\_\_\_



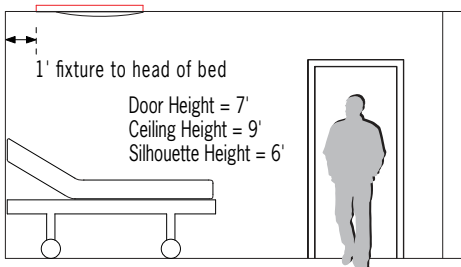
### DIMENSIONS<sup>4</sup>

W = Width L = Length D = Depth RD = Recessed Depth

W 23-5/8" (600 mm)  
 L 47-5/8" (1210 mm)  
 D 1-7/8" (48 mm)  
 RD 3-1/2" (89 mm)



### 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 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
- Integral drivers and captive, swing-down lens with spring-loaded latches for toolless non-plenum invasive maintenance
- Standard 90+CRI (delivered lumens reduced by 5%)
- Low voltage patient control (LVPC-DIM) switching interface accessory for pillow speaker/nurse call systems
- Optional 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
- Main diffuser: matte white acrylic (MWAC) or easy-to-clean fabric look of Oyster Linen Lumicor (OLIN) with matte white acrylic side panels
- Reading diffuser: matte white acrylic for optimal source hiding
- Housing: 20-gauge steel body coated in high reflectance white paint
- Finish: all powder-coated surfaces utilize antimicrobial paint (no VOC)
- All lamping is TYPE IC standard (suitable for Insulation Contact)
- ETL listed for damp locations. Not suitable for exterior applications

# CM1907 UNITY (cont.)

## 2' x 4' Overbed

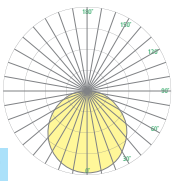

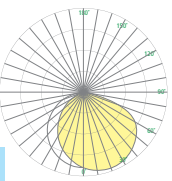

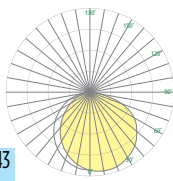

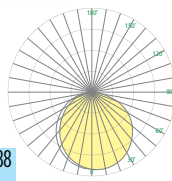



EXAMPLE: CM1907-L35K-(3C)-MVOLT-90CRI-MWAC-NGT

MODEL	CCT	CIRCUITS-VOLTAGE	CRI	DIFFUSER	OPTION(S)
CM1907	<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 &amp; CRI will match for all functions</p>	<p><b>(2C)-MVOLT</b> AMBIENT &amp; READING circuits included. Both circuits on at same time for EXAM function</p> <p><b>(3C)-MVOLT</b> AMBIENT &amp; READING circuits plus 3rd circuit included. All 3 circuits on at same time for HIGH EXAM function. Voltage is MVOLT (MVOLT = 120-277VAC 50/60Hz input)</p> <p>Ambient and Reading functions dimmable 0-10V to 1%</p>	<p><b>90CRI</b> Minimum CRI of 90 Minimum R9 value of 50 Lumen output reduced by 5%</p>	<p><b>MWAC</b> Matte White Acrylic</p> <p><b>OLIN</b> Oyster Linen Acrylic (reduces lumen output by 12%)</p>	<p><b>NAF</b> Negative airflow; consult factory</p> <p><b>NGT</b> Low Output Amber LED; Separate circuit</p> <p><b>SRI</b> Drywall installation kit</p>

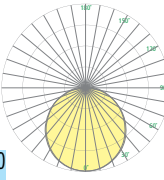

### BED ILLUMINANCE 1, 2, 3

Requires (3C) Option

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>21fc Average Avg/Min = 1.31 2,800lm Delivered 21W Input 133 LPW</p>  	<p>34fc Average Avg/Min = 1.26 4,200lm Delivered 52W Input 81 LPW</p>  	<p>53fc Average Avg/Min = 1.24 7,100lm Delivered 73W Input 97 LPW</p>  	<p>105fc Average Avg/Min = 1.28 14,200lm Delivered 129W Input 110 LPW</p>  																																																																																																																																																																																																																																																												
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### NGT FUNCTION

3.4fc Average  
Avg/Min = 1.32  
475lm Delivered  
8W Input  
59 LPW

3.0	3.0	3.1	3.1	3.0	3.0
3.2	3.2	3.3	3.3	3.3	3.2
3.5	3.6	3.6	3.6	3.6	3.5
3.7	3.0	3.9	3.9	3.8	3.7
3.9	4.0	4.0	4.0	4.0	3.9
3.9	3.9	4.0	4.0	3.9	3.9
3.8	3.9	3.9	3.9	3.8	3.8
3.6	3.7	3.8	3.8	3.7	3.5
3.4	3.5	3.5	3.5	3.4	3.4
3.1	3.2	3.2	3.2	3.1	3.1
2.8	2.8	2.9	2.9	2.8	2.8
2.6	2.6	2.7	2.7	2.6	2.6

### NOTES

- Values listed are for L35K CCT for all functions except NGT. MWAC diffuser option used for all functions (OLIN option reduces output by 12% for all functions except reading)  
Multiply by:  
1.01 for L40K  
0.97 for L30K
- Values reduced by 5% if 90CRI option selected
- 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.
- Across the full width of the bed surface and 2ft from the head of the bed to 2ft from the foot of the bed
- Lumen Maintenance Rating for white LED sources: L85 (Reported) > 60,000 hrs

# CM1907 UNITY (cont.)

## 2' x 4' Overbed



### UNITY PRODUCT FAMILY

Wall Sconce	12"	ADA	CB1900
Wall Sconce	12" (Top and Bottom Lens)		CB1902
Headwall	49"		CB1904
Wall Slot Lights	3" Wall Slot	White	CB1911-W
		Tunable	CB1911-T
Overbed	24" x 24"	With Reading	CM1900
		Without Reading	CM1901
	24" x 48"	Dual Lens	CM1906
	24" x 48"	Single Lens	CM1907
	9" x 48"	Tandem	CM1912
Overbed Slots	3" Dual Overbed Slots	White	CM1910-W
		Tunable	CM1910-T
	3" Single Ceiling Unit	White	CM1911-W
		Tunable	CM1911-T
Table Lamp	Fixed Base		TF1904
	Freestanding		TF1906
	Charging Base		TF1908

### ACCESSORIES (Order Separately)

<b>LVPC-DIM</b>	Low voltage patient control interface (3 load with dimming) requires minimum of 1 switch per zone (by others), mounts in electrical box (by others)
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### SUGGESTED VARIATIONS

- Alternate dimming control compatibility
- Remote emergency inverter
- Custom light output

See [Vislighting.com/families/Unity](https://vislighting.com/families/Unity) for more information

