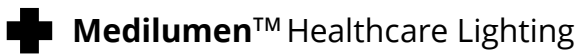


HEALUX 2 HC2D

RECESSED . DIRECT . DAMP LOCATION



- **Medical antimicrobial powder coat paint enhances infection control**
- Suitable for drywall and t-bar grid systems
- Continuous runs and fully lit corners
- Standard **90 Color Rendering Index** to meet Color Observation Index
- Integral drivers



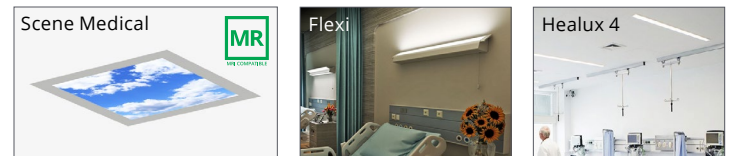
PART #:	
PREP BY:	DATE:
PROJECT:	QTY:
NOTES:	
APPROVAL SIGNATURE:	DATE (DD/MM/YYYY):

PERFORMANCE SUMMARY @ 3500K

		Meta Blanc MB	Luma Asym. LA
		L3	L3
Lumens per foot	80 CRI	595	733
	90 CRI	521	641
Wattage per foot		6.0	
Efficacy (LPW)	80 CRI	98	132
	90 CRI	87	106
L70 Estimate (h)		≥ 60,000 hrs	

See page 2 for the complete Light Level Performance chart.

OTHER MEDILUMEN PRODUCTS



ORDERING LOGIC

Example Part Number: HC2D-35K-12-MB-MW-L31-D-4-DW-RF-EO

HC2D	1	2	3	4	5	6	7	8	9	10	11	12	13	14
1. SERIES HC2D	2. COLOR TEMP 30K 3000K 35K 3500K 40K 4000K	3. LENGTH 2 2 ft 3 3 ft 4 4 ft 5 5 ft 6 6 ft 7 7 ft 8 8 ft 9 9 ft 10 10 ft 11 11 ft 12 12 ft RA Continuous Rows Replace "A" with length in feet C Custom Length* - None (leave space empty)	4. PATTERN ¹ GA Square GAxB Rectangle UAxBxC U-Shape LAxB L-Shape C Custom Pattern* - None (leave space empty) Standard Patterns Minimal Lengths Custom Patterns* Lengths and a drawing of custom pattern are required on page 3 Select corner: ☐ Outside 90° ☐ Inside 90°	5. OPTICS MB Meta Blanc LA Luma Asymmetric Select throw direction: ☐ Away from wall ☐ Towards the wall MB: Opal diffuse lens LA: Optical control lens	6. MEDICAL GRADE FINISH MW White Powder Coat AM Antimicrobial White Powder Coat MC Custom Specify RAL:	7. LIGHT LEVEL / DRIVER L1 Select Driver below. L2 L3 See Light Level Performance chart on p2. L4 LX Enter desired lm/ft:	8. CIRCUITRY 1 1 Circuit EM Emergency / Night Light B Emergency Battery Pack ²	9. RECESSED MOUNTING D Drywall Flanged DF Drywall Flangeless (Threaded Rod) SC Specialty Ceiling (Threaded Rod Flanged) T T-bar (Suitable for 15/16" & 9/16" T-bar)	10. VOLTAGE 3 347 V (Consult factory) 4 UNV (120 - 277V)	11. SENSORS Tap to view Sensors and Controls Reference Guide	12. CONTROLS	13. OPTIONS RF Medical Power Line Filter - None (leave space empty)	14. GASKET OPTIONS EO Enhanced Sealed Optics - None (leave space empty)	

*Consult factory. | ¹ Pattern approval drawings showing mounting locations will be sent out upon order. | ² Battery operates 4ft sections only.

- Select Driver:
- ☐ **FD** Factory option 0-10V, 1% Dimming
 - ☐ **LHE** Lutron H-Series Hi-lume 1% EcoSystem LED Driver
 - ☐ **LSE** Lutron S-Series EcoSystem LED Driver

LIGHT LEVEL PERFORMANCE & PHOTOMETRIC DATA

3500K, 80 CRI, 0-10V Dimming (Standard)

Optics	Light Level	Lumens per foot	Wattage per foot	Efficacy (LPW)	Distribution % (Down / Up)	Distribution Curve
Meta Blanc (MB)	L1	350	3.5	101	100 / 0	
	L2	438	4.4	99		
	L3	595	6.0	98		
	L4	1105	12.1	91		
Luma Asymmetric (LA)	L1	428	3.3	132	100 / 0	
	L2	544	4.1	132		
	L3	733	5.6	132		
	L4	1393	11.2	124		
Lumen Adjustment Factor (3000K / 3500K / 4000K): 80 CRI: 0.984 / 1.000 / 1.032 90 CRI: 0.880 / 0.875 / 0.879		Metalumen's light level performance metrics are subject to manufacturers component tolerances. Photometric performance is measured and scaled in accordance with IESNA LM-79.				

CROSS SECTIONS

Drywall	T-bar	Specialty Ceiling
Drywall Thickness 3/8" to 5/8" Flanged	T-Bar 24 [1 5/16] Fits 15/16" and 9/16" T-bars	Flanged, Threaded Rod

SPECIFICATIONS

Due to the Continuous Improvement Policy at Metalumen, we reserve the right to change our specifications without notice.

Housing: Rigid extruded aluminum body, 2.0mm (0.08") nominal wall thickness. Zinc alloy die-cast end caps.

Optical System: Metalumen luminaires are designed to utilize leading edge LED technology combined with luminaire optimized reflectors and our custom diffusers, resulting in industry leading optical performance.

CRI: 83+ for 3500K, 80 minimum for all CCTs in standard configurations.

Lumen Maintenance: Minimum 50,000h with TM-21 lumen

maintenance of 85% @ 25°C ambient temperature (calculated based on IESNA LM-80-08 LED test data). L70: ≥60,000hrs.

Finish: Standard medical grade powder coat finish in white and antimicrobial white. Exceeds 4000 salt spray hours (ASTM B117). For custom medical finishes, contact factory.

Weight: 0.95 kg/300mm [2.1 lb/ft]

Mounting: Flanged - Mounting brackets provided.

Flangeless & Specialty Ceiling - Holes on extrusion for threaded rods (by

others). **T-bar** - Mounting brackets/ clips provided. Fits 9/16" and 15/16" T-bar.

Electrical: Factory prewired with easy wire quick connect sections.

Drivers: Metalumen offers 0-10V dimming* as a standard on our entire LED product offering. Dimming range is 1%-100%. Power factor is > 90%. Class 2 rating. Drivers are integral.

Medical Power Line Filter:

Suppresses electrical noise across a wide frequency range to reduce electromagnetic interference (EMI).

Approvals: This product is cULus listed. All components are UL/CSA/QPS recognized or listed. RoHS compliant.

Environment: Suitable for dry or damp locations.

*Standard drivers compatible with passive/sinking dimmers. Please contact Metalumen if active/sourcing dimmer support is required.

WIRING

Standard	Emergency / Night Light	Emergency Battery Pack

WARRANTY

Metalumen will warrant defective luminaires for 5 years from date of purchase. Warranty is valid if luminaire is installed and used according to specification. If defective, Metalumen will send replacement boards or drivers at no cost along with detailed replacement instructions and instructions on how to return defective components to Metalumen.