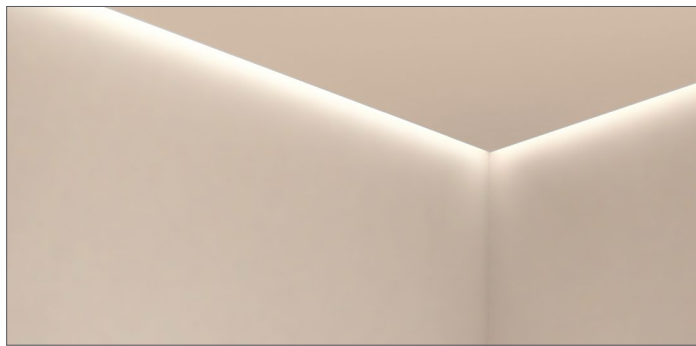


HEALUX 2 HC2D

PERIMETER . 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



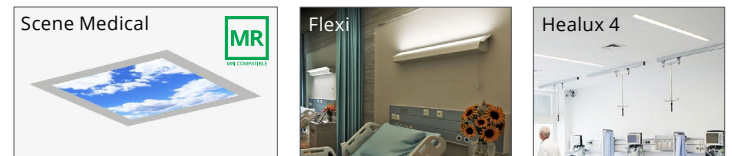
PART #:	
PREP BY:	DATE:
PROJECT:	QTY:
NOTES:	
APPROVAL SIGNATURE:	DATE (DD/MM/YYYY):

PERFORMANCE SUMMARY @ 3500K

		Meta Blanc MB	Luma Asym. LA
Light Level 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-PR-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													
90 CRI is standard													
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													
A B													
A G													
A B													
A G													
A B													
A U C													
A B													
A L													
A B													
A L													
A= 4 ft min.													
B= 4 ft min.													
A= 3 ft min.													
B= 4 ft min.													
C= 3 ft min.													
A= 3 ft min.													
B= 3 ft min.													
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 See Light Level Performance chart on p2.													
L3													
L4													
LX Enter desired lm/ft:													
8. CIRCUITRY													
1 1 Circuit													
EM Emergency / Night Light													
B Emergency Battery Pack ²													
9. RECESSED MOUNTING													
PR Perimeter Flanged Flush													
PR3 Perimeter Flanged Regressed 3"													
Suitable for drywall ceilings and t-bar systems													
10. VOLTAGE													
3 347 V (Consult factory)													
4 UNV (120 - 277V)													
11. SENSORS													
12. CONTROLS													
Tap to view Sensors and Controls Reference Guide													
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.

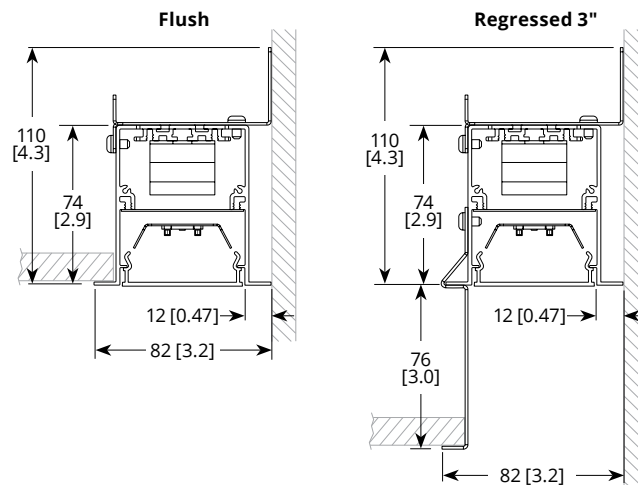
- Select Driver:
- ☐ **FD** Factory option 0-10V, 1% Dimming
 - ☐ **LHE** Lutron H-Series Hi-lume 1% EcoSystem LED Driver
 - ☐ **LSE** Lutron 5-Series EcoSystem LED Driver

LIGHT LEVEL PERFORMANCE & PHOTOMETRIC DATA

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

Optics	Light Level	Lumens per foot	Wattage per foot	Efficacy (LPW)	Distribution % (Up / Down)	Distribution Curve
Meta Blanc (MB)	L1	350	3.5	101	0 / 100	
	L2	438	4.4	99		
	L3	595	6.0	98		
	L4	1105	12.1	91		
Luma Asymmetric (LA)	L1	428	3.3	132	0 / 100	
	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



CONTRACTOR NOTES

Wall must be finished at least 6" above the ceiling height before flush fixture is mounted. Finish the ceiling by mudding over the metal flange.

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: Satin aluminum, white and black are standard finishes. For custom finish, contact factory.

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

Mounting: Mounting brackets provided. Suitable for drywall ceilings

and 9/16" and 15/16" T-Bars.

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.

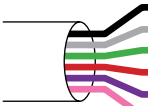
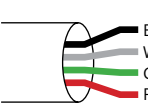
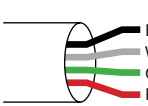
Medical Power Line Filter: Suppresses electrical noise across a wide frequency range to reduce electromagnetic interference (EMI).

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
 BLACK - LINE WHITE - NEUTRAL GREEN - GROUND RED - CAPPED/SW LEAD VIOLET - DIM(+) PINK - DIM(-)	 BLACK - LINE WHITE - NEUTRAL GREEN - GROUND RED - CAP OFF	 BLACK - LINE WHITE - NEUTRAL GREEN - GROUND RED - UNSWITCHED HOT

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.