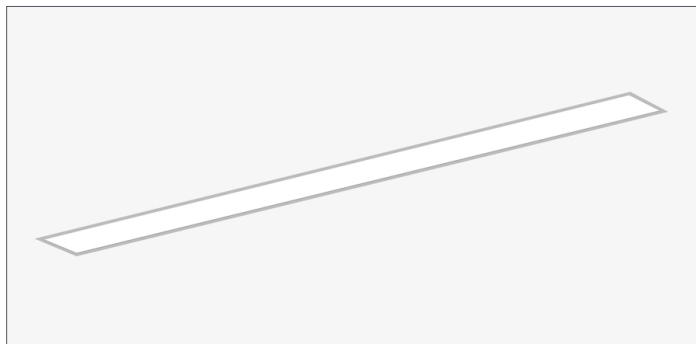
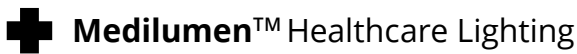


HEALUX 4 HC4D

RECESSED . DIRECT . DAMP LOCATION



- Optimized light control and lumen output with precision **Luma Optics™** available in batwing, asymmetric, and wall graze distributions
- Medical antimicrobial powder coat paint enhances infection control**
- Standard **90 Color Rendering Index** to meet Color Observation Index
- Option for daylight harvesting, occupancy sensing, dimming control and emergency lighting



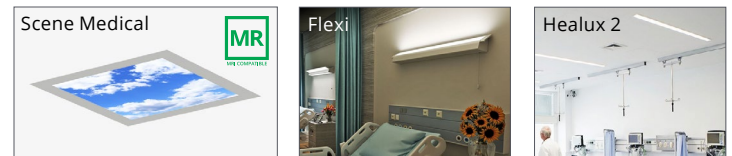
PART #:	
PREP BY:	DATE:
PROJECT:	QTY:
NOTES:	
APPROVAL SIGNATURE:	DATE (DD/MM/YYYY):

PERFORMANCE SUMMARY @ 3500K

PERFORMANCE SUMMARY @ 3500K		Meta Blanc	Luma Span	Luma Asym.	Luma Graze	Polycarb.
		Light Level L3				
Lumens per foot	80 CRI	596	697	723	719	Consult Factory
	90 CRI	522	609	632	629	
Wattage per foot		6.1	5.8	5.8	5.7	
Efficacy (LPW)	80 CRI	99	121	125	125	
	90 CRI	85	105	109	110	
L70 Estimate (h)		≥ 60,000 hrs				

See complete Light Level Performance and Photometric Data on p2

OTHER MEDILUMEN PRODUCTS



ORDERING LOGIC

Example Part Number: HC4D-35K-12-MB-MW-L31-D-4-DW-RF-EO

HC4D 1 2 3 4 5 6 7 8 9 10 11 12 13 14														
1. SERIES HC4D	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 = 4 ft min. B = 4 ft min. A = 3 ft min. B = 4 ft min. C = 3 ft min. B = 3 ft min. 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 PC Polycarbonate IK10 LS Luma Span (Batwing) LG Luma Graze (Towards wall) LA Luma Asymmetric Select throw direction: ☐ Away from wall ☐ Towards the wall MB: Opal diffuse lens LS, LA, LG: Optical control lens PC: Semi-diffuse lens	6. MEDICAL GRADE FINISH MW White Powder Coat AM Antimicrobial White Powder Coat MC Custom Specify RAL:	7. LIGHT LEVEL / DRIVER L1 L2 Select Driver below. See Light Level Performance and Photometric Data on p2 L3 L4 LX Enter desired lm/ft: (Total lumens between 400-1200 at 50 lm intervals)	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.

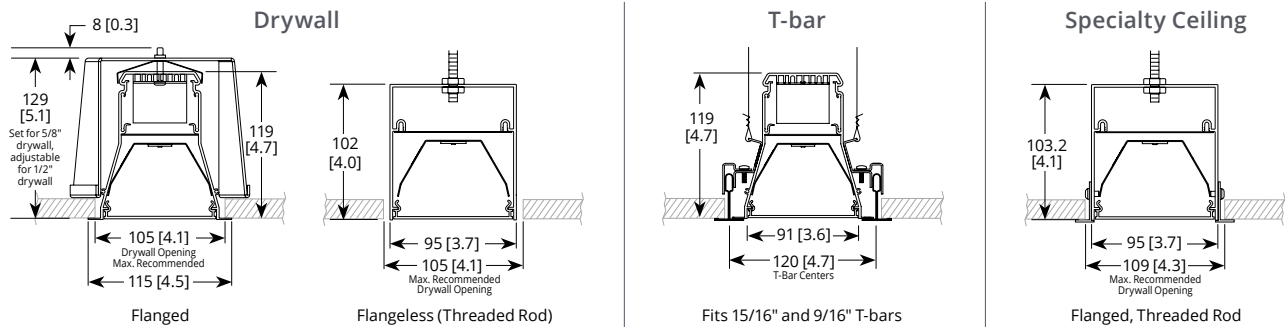
Select Driver: ☐ **FD** Factory option 0-10V, 1% Dimming
☐ **LHE** Lutron H-Series Hi-lume 1% EcoSystem LED Driver
☐ **LSE** Lutron 5-Series EcoSystem LED Driver

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
MB Meta Blanc	L1	350	3.5	100	0 / 100	
	L2	439	4.4	99		
	L3	596	6.1	99		
	L4	1106	12.5	89		
LS Luma Span	L1	417	3.3	126	0 / 100	
	L2	521	4.3	121		
	L3	697	5.8	121		
	L4	1277	11.9	108		
LA Luma Asymmetric	L1	432	3.3	131	0 / 100	
	L2	539	4.3	125		
	L3	723	5.8	125		
	L4	1325	11.9	112		
LG Luma Graze	L1	410	3.3	128	0 / 100	
	L2	531	4.3	125		
	L3	719	5.7	125		
	L4	1362	11.7	116		
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



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: 1.3 kg/300 mm [2.9 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: All components are UL/CSA/QPS recognized or listed. RoHS compliant. This product is cULus listed. Plenum - CCEA approved.

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.