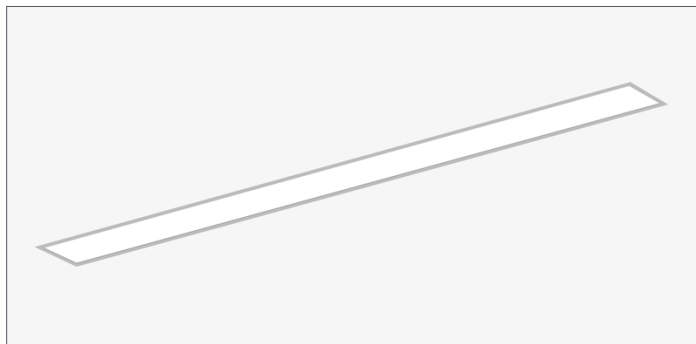


HEALUX 4 HC4D-MRI

MRI . DIRECT

 Medilumen™ Healthcare Lighting


- Optimized light control and lumen output with precision **Luma Optics™**
- Medical antimicrobial powder coat paint** enhances infection control
- Remote drivers reduce interference with MRI machines
- Plenum rated, CCEA approved for recessed applications (drywall & t-bar)

5 YEAR
WARRANTY


 LISTED
E360888


 DAMP


 LUMA
OPTICS

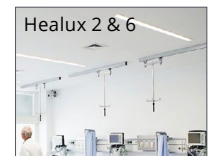
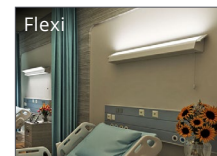
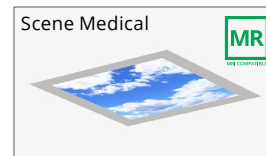
PART #:	
PREP BY:	DATE:
PROJECT:	QTY:
NOTES:	
APPROVAL SIGNATURE:	DATE (DD/MM/YYYY):

PERFORMANCE SUMMARY @ 3500K

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

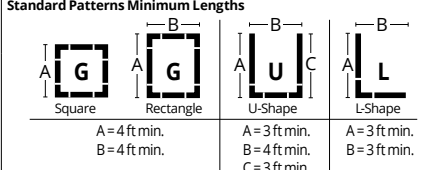
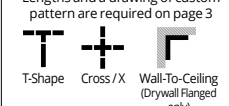
See page 2 for the complete Light Level Performance chart.

OTHER MEDILUMEN PRODUCTS



ORDERING LOGIC

Example Part Number: HC4D-MRI-35K-12-MB-AM-L31-T-4-RF-EO

1	2	3	4	5	6	7	8	9	10	11	12	13	14
HC4D-MRI 1	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 Minimum 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 LS Luma Span 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	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. See p2 for max. wire length. 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 T Recessed T-Bar	10. VOLTAGE 3 347 V 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 record 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

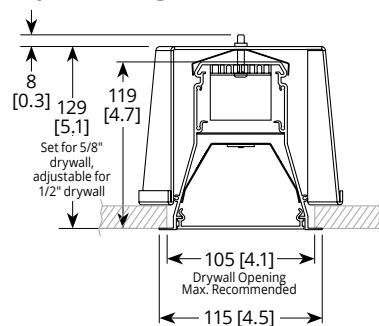
LIGHT LEVEL PERFORMANCE & PHOTOMETRIC DATA

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

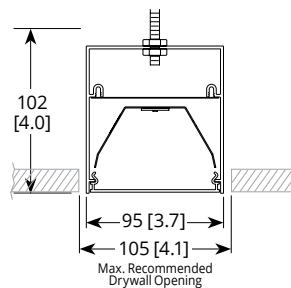
Optics	Light Level	Lumens per foot	Wattage per foot	Efficacy (LPW)	Distribution % (Up / Down)	Distribution Curve
MB Meta Blanc	L1	350	3.5	100	0 / 100	
	L2	439	4.4	99		
	L3	596	6.1	99		
	L4	1106	12.5	89		
LS Luma Span	L1	417	3.3	126	0 / 100	
	L2	521	4.3	121		
	L3	697	5.8	121		
	L4	1277	11.9	108		
LG Luma Graze	L1	410	3.3	128	0 / 100	
	L2	531	4.3	125		
	L3	719	5.7	125		
	L4	1362	11.7	116		
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		
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

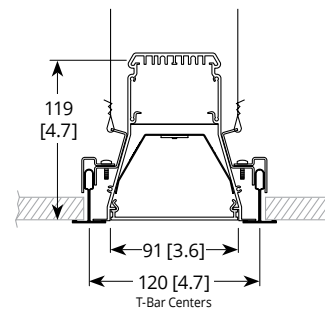
Drywall Flanged



Drywall Flangeless



T-Bar



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. Stainless steel hardware. Aluminum 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: Drywall: Mounting brackets provided. **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.

Medical Power Line Filter:

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

MRI Application: Luminaires are constructed with non-ferrous materials. Luminaire's power supply will be remote mounted, reducing interference with the MRI machine.

MRI RF Shielding: All wiring entering/exiting the MRI suite shall be routed through RF-filtered penetrations by

others. Metalumen is not responsible for RF shielding or system filtering.

Approvals: All components are UL/CSA/QPS recognized or listed. RoHS compliant. cULus listed. Plenum rated - CCEA approved for recessed applications (drywall and t-bar).

Environment: Suitable for dry or damp locations.

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

Remote Driver Mounting Maximum Wire Length

Consult approval drawings for
maximum remote mounting distances

Light Level	Driver Qty	Drive Current (mA)	Fixture Length	Distance in feet / Wire Gauge					
				22 Ga.	20 Ga.	18 Ga.	16 Ga.	14 Ga.	12 Ga.
L1	1	345	4'	65	103	163	260	413	657
L1	1	690	8'	32	51	82	130	207	329
L1	1	1035	12'	22	34	54	87	138	219
L2	1	440	4'	51	81	128	204	324	515
L2	1	880	8'	25	40	64	102	162	258
L2	1	1200	12'	17	27	43	68	108	172
L3	1	600	4'	37	59	94	149	238	378
L3	1	1200	8'	19	30	47	75	119	189
L3	1	1800	12'	12	20	31	50	79	126
L4	1	1200	4'	19	30	47	75	119	189
L4	2	1200	8'	19	30	47	75	119	189
L4	3	1200	12'	19	30	47	75	119	189

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.