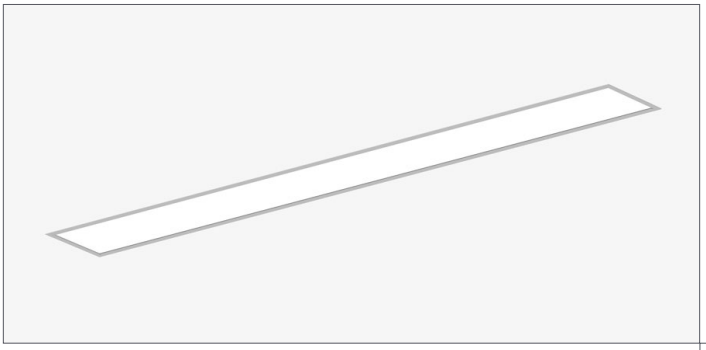
HEALUX 6 WET HC6WD

RECESSED . DIRECT . WET LOCATION

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

Medilumen™ Healthcare Lighting



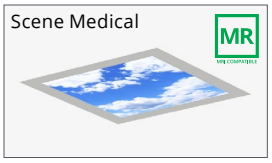
PERFORMANCE SUMMARY @ 3500K		Meta Blanc (**MB**), Light Level **75**
Lumens per foot	80 CRI	791
	90 CRI	692
Wattage per foot		8.6
Efficacy (LPW)	80 CRI	86
	90 CRI	80
L70 Estimate (h)		≥ 60,000 hrs

See page 2 for the complete Light Level Performance chart.

- **Medical antimicrobial powder coat paint** enhances infection control
- Standard **90 Color Rendering Index** to meet Color Observation Index
- Constructed of non-corrosive components
- Wet location

5 YEAR WARRANTY | cULus LISTED E360888 | WET | IP54 | IK 05 PENDING

OTHER MEDILUMEN PRODUCTS







ORDERING LOGIC

Example Part Number: HC6WD-35K-8-MB-MW-1001-D-3-RF-EO

HC6WD				MB								
1	2	3	4	5	6	7	8	9	10	11	12	13

1. SERIES
HC6WD Direct

2. COLOR TEMP
30K 3000K
35K 3500K
40K 4000K

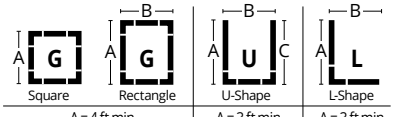
90 CRI is available under OPTIONS

3. LENGTH
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*

4. PATTERN [1]
GA Square
GAxB Rectangle
UAxBxC U-Shape
LAxB L-Shape
C Custom Pattern*
_ None (leave space empty)

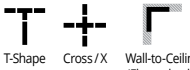
Replace "A", "B", "C" with length in feet. See Standard Patterns Minimum Lengths below

Standard Patterns Minimum Lengths

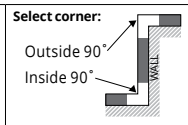


Square	Rectangle	U-Shape	L-Shape
A = 4 ft min. B = 4 ft min.		A = 3 ft min. B = 4 ft min. C = 3 ft min.	A = 3 ft min. B = 3 ft min.

Custom Patterns*
Lengths and a drawing of custom pattern are required on page 3



Select corner:



5. OPTICS
MB Meta Blanc

Meta Blanc: Opal diffuse lens

6. MEDICAL GRADE FINISH
MW White Powder Coat
AM Antimicrobial White Powder Coat
MC Custom
Specify RAL:

7. LIGHT LEVEL / DRIVER
35 350 lm/f
50 500 lm/f
75 750 lm/f
100 1000 lm/f
C Custom Range. Specify lumens: (Total lumens between 350-1000 at 50 lm intervals)

Select Driver below. See Light Level Performance chart on p2.

8. CIRCUITRY
1 1 Circuit
EM Emergency / Night Light
B Emergency Battery Pack* (remote mounted) (Limited to ambient temperatures down to 0°C)

9. RECESSED MOUNTING
D Flanged
DF Flangeless
SC Specialty Ceiling (Threaded Rod Flanged)

10. VOLTAGE
3 347 V
4 UNV (120 - 277V)

11. CONTROLS
_ None (leave space empty)

12. OPTIONS
RF Medical Power Line Filter
_ None (leave space empty)

13. 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.

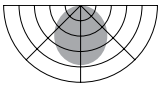
Select Driver:
- ☐ **FD** Factory option 0-10V, 1% Dimming
- ☐ **LHE** Lutron H-Series Hi-lume 1% EcoSystem LED Driver
- ☐ **L5E** Lutron 5-Series EcoSystem LED Driver

570 Southgate Drive, Guelph, Ontario N1G 4P6
Mailing Address: P.O. Box 1779 Guelph, Ontario, N1H 6Z9
1.800.621.6785 | T 519.822.4381 | www.metalumen.com

FILE NAME: HC6WD_REC_SPEC_SHEET_20261020

LIGHT LEVEL PERFORMANCE & PHOTOMETRIC DATA

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

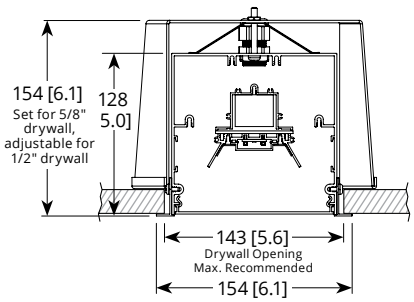
Optics	Light Level	Lumens per foot	Wattage per foot	Efficacy (LPW)	Distribution % (Up / Down)	Lumens (Up / Down)	Distribution Curve
MB Meta Blanc	**35**	387	4.3	90	0 / 100	0 / 1548	
	50	552	6.2	89		0 / 2209	
	75	791	8.6	86		0 / 3164	
	100	1010	12.3	82		0 / 4042	

Lumen Adjustment Factor (3000K / 3500K / 4000K):
80 CRI: 0.984 / 1.000 / 1.032 | **90 CRI**: 0.880 / 0.875 / 0.879

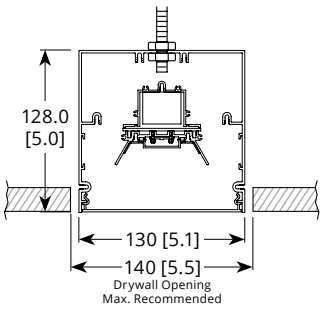
Metalumen's light level performance metrics are subject to manufacturers component tolerances. Photometric performance is measured and scaled in accordance with IESNA LM-79.

CROSS SECTIONS

Drywall

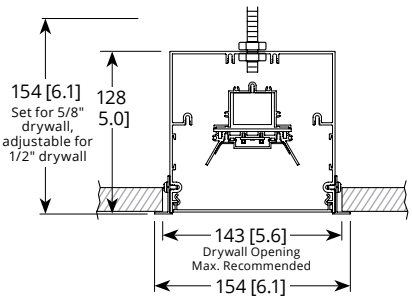


Flanged



Flangeless (Threaded Rod)

Specialty Ceiling



Threaded Rod Flanged

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. Aluminum formed 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: 1.6 kg/300 mm [3.5 lb/ft]
Mounting: ***Flanged*** - Mounting brackets provided. ***Flangeless &*** ***Specialty Ceiling*** - Holes on extrusion for threaded rods (by others).
Drivers: Metalumen offers dimming* drivers as a standard on our entire LED product offering at 0-10V. 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.
Environment: Suitable for wet locations -22°F / -30°C start ambient temperature.

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

WIRING

Standard 18/5



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.