MEDIMODE™ PowerHUBB

Multi-Function Recessed Patient Room Light enabled with PowerHUBB

Catalog Number	
Comments	Type

POWERHUBB™
PoE LIGHTING & CONTROL

MediMode™ provides the primary lighting needs for the patient environment. The ambient/reading compartment provides low-glare, indirect illumination while the dedicated compartment for exam lighting delivers 100+ fc for critical examination functions. With PowerHUBB, MediMode provides fully functioning Power over Ethernet, (PoE) connectivity with simple integration of other input devices such as sensors, switch stations and other low voltage devices.

FEATURES

- Provides ambient/reading and examination illumination for the patient bed environment.
- PowerHUBB PoE Lighting and Control options provide low-voltage wired connectivity for Power over Ethernet network system deployment.
- Network connections can be made without opening the luminaire and remain accessible from below the ceiling.
- All compartments are lensed for visual comfort and ease of cleaning.
- An IP65 rated, full lensed door option further seals the luminaire for enhanced protection.
- The optical frame provides tool-less access to the electrical components for easy servicing.

SPECIFICATIONS

Construction: 20 gauge, one-piece CRS housing IP65 rated models have full-seam welded housing. Optional extruded aluminum door frame with nom. 0.125" thick clear acrylic lens.

Finish: The housing and reflectors are painted with polyester white powder coat with an antimicrobial additive to inhibit the growth of microbes.

Installation/Mounting: MediMode can be Grid (G) or Flange (F) mounted.

Light Source: The LED source is available in 3000K, 3500K, 4000K and 5000K CCT with standard >90 CRI, high R9 for excellent color rendering and optimal life > 60,000 hours at 80% lumen maintenance.

Electrical: Integral PowerHUBB nodes replace standard electronic AC drivers in luminaire. Nodes are programmed for optimized performance of the LED and allow bi-directional communication. Nodes provides dimming functions down to 1%.

Switching: MediMode provides independent control of the ambient/reading, exam and optional night light functions. Switching options include network wall stations and/or a patient pillow switch (by others).

Certification:

- Built and tested to UL1598 standard and bears the cCSAus label for Wet Locations in covered ceilings
- IP65 rated per IEC 60598 (with the optional lensed door assembly).

Warranty: 5 year warranty. Please consult factory for details.

ORDERING GUIDE

EXAMPLE: MDMPH24-9-40-G-HHLDA-NA

MDMPH	—	9	—	—	—	—

| MODEL	SIZE	CRI	COLOR TEMP	CEILING TYPE		OPTIONS
MDMPH MediMode Patient Room Luminaire PowerHUBB enabled	**24** 2'x4' (nom.)	**9**[1] 90 CRI **8** 80 CRI	**30** 3000K **35** 3500K **40** 4000K **50** 5000K	**G** Grid Mount **F** Flange Mount	**HLDA**[2] **HLDP**[2] **SLDA**[2] **SLDP**[2] **NA** **NW** **PCON** **TR**	Hinged lens door with clear acrylic lens (nom. 0.125" thickness) Hinged lens door with clear polycarbonate lens (nom. 0.125" thickness) Screwed-in lens door with clear acrylic lens (nom. 0.125" thickness) Screwed-in lens door with clear polycarbonate lens (nom. 0.125" thickness) Night Light Amber (590nm) Night Light White (3000K) Patient pillow switch control interface. Tamper-resistant hardware (center-pin Torx)

ACCESSORIES	
FK22H	Framing kit for field conversion of 2x4 Grid (G) fixture to Flange (F) fixture. This accessory is not required if Flange (F) fixture is ordered.
FK24H	Framing kit for field conversion of 2x4 Grid (G) fixture to Flange (F) fixture. This accessory is not required if Flange (F) fixture is ordered.

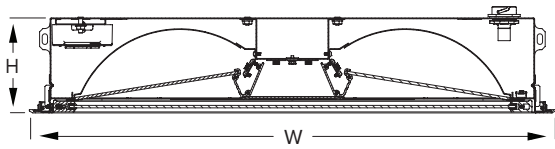1 90 CRI unless specified otherwise.
2 IP65 rated.

HUBBELL Lighting

MediMode™ PowerHUBB
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DIMENSIONS
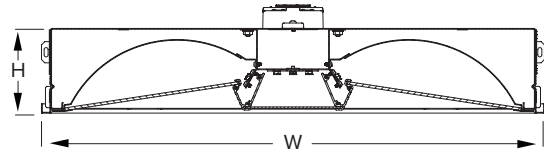
GRID, NO DOOR

FLANGE, WITH DOOR
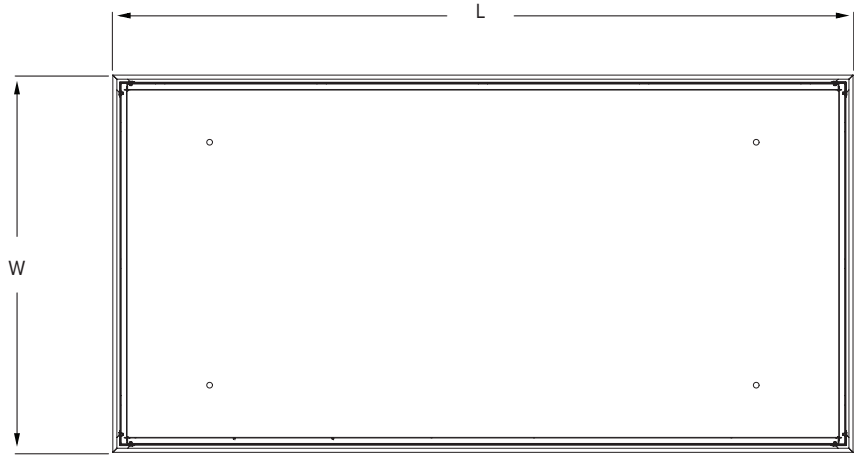
2 X 4 FLANGE, WITH DOOR

		H	W	L	Ceiling Opening
MDMPH24	Grid Model	5.10" (129.5 mm)	23.75" (603.3 mm)	47.75" (1212.9 mm)	
	Grid Model, Full Lensed Door	4.98" (126.5 mm)	23.75" (603.3 mm)	47.75" (1212.9 mm)	
	Flange Model	5.15" (130.8 mm)	24.84" (630.9 mm)	48.75" (1238.3 mm)	24.13" x 48.13" (612.9 mm x 1222.5 mm)
	Flange Model, Full Lensed Door	5.02" (127.5 mm)	24.84" (630.9 mm)	48.75" (1238.3 mm)	24.13" x 48.13" (612.9 mm x 1222.5 mm)

TYPICAL PATIENT ROOM SYSTEM

PoE Switch

MediMode PowerHUBB

Low Voltage Wall Station

Patient Pillow Switch Control and Wall Plate

HUBBELL Lighting
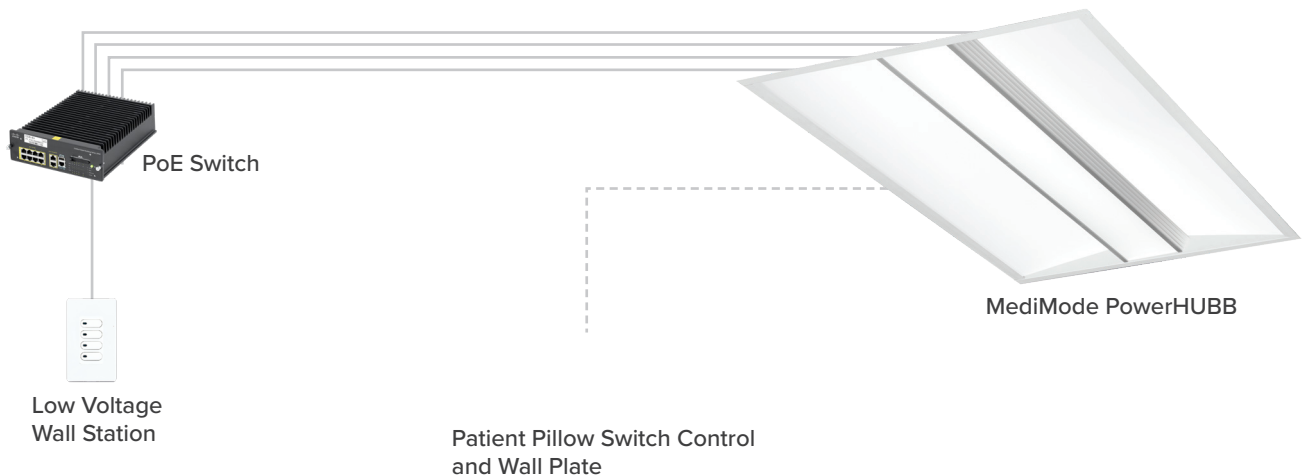
MEDIMODE™ PowerHUBB

Multi-Function Recessed Patient Room Light enabled with PowerHUBB
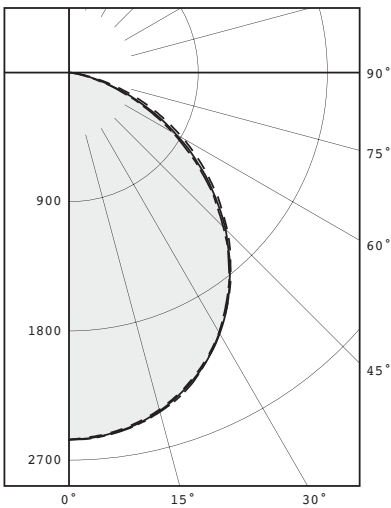
PHOTOMETRY

Ambient/Reading
Report No.: 16.03364
Model No.: MDM24-9-30-G-120-HLDA
Lumens: 6263
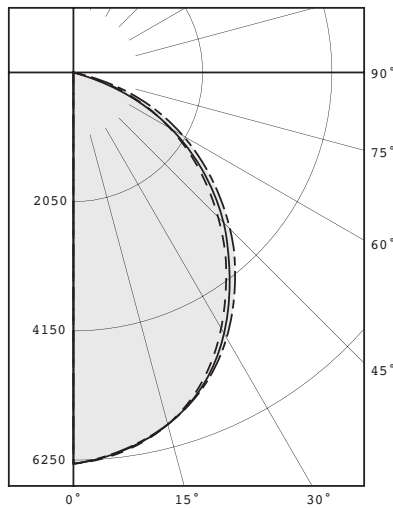Input Watts: 95.1
Efficacy: 65.9 Lm/W

Examination (includes Ambient/Reading)
Report No.: 16.03363 + 16.03364
Model No.: MDM24-9-30-G-120-HLDA
Lumens: 14, 191
Input Watts: 189.1
Efficacy: 75.0 Lm/W

LEGEND
0–deg
45–deg
90–deg

LEGEND
0–deg
45–deg
90–deg

Ambient/Reading compartment is automatically activated when Exam function is turned on.

HUBBELL ®
Lighting