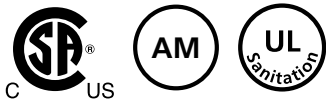


MediMode™ Behavioral

MULTI-FUNCTION RECESSED PATIENT ROOM LIGHT FOR BEHAVIORAL HEALTH

FEATURES

- Provides ambient, reading and examination illumination for the patient bed environment
- Designed to reduce risk of ligature, hiding of contraband and general damage to the luminaire
- Available in 2x4 and 2x2 models for flange applications
- All compartments are lensed for visual comfort
- A 0.25" thick polycarbonate lensed door provides enhanced protection
- Optical assembly and electrical components accessible from below the ceiling
- Standard antimicrobial finish



SPECIFICATIONS

CONSTRUCTION

- 20-gauge, one-piece, seam welded CRS housing
- 18-gauge, one-piece CRS door frame with 0.250" clear polycarbonate lens secured from behind with full-length brackets
- Internal optical frame with metal reflector and diffusing lenses
- The housing and reflectors are painted with a polyester white powder coat with an antimicrobial additive to inhibit the growth of microbes

OPTICS

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

INSTALLATION

- MediMode is flange (F) mounted utilizing yoke ceiling brackets
- The door frame is secured to the housing with perimeter, stainless steel center-pin Torx® head screws painted to match door frame
- The door frame is supported from the housing via aircraft cable tethers during internal access

ELECTRICAL

- Available in universal 120V-277V; 50/60 Hz. Each mode of operation is controlled independently by a dedicated electronic driver
- Drivers are suitable for 0-10V dimming down to 1%. Contact factory for other supply voltage needs
- The MediMode luminaire is wired to have independent control of ambient/reading and exam function
- Dual-Switched (DS) - For multi-function use where ambient/reading and exam functions are controlled separately
- Single-Switched (SS) - For ambient lighting use where all compartments are switched together

CERTIFICATIONS

- Built and tested to UL1598 standard and bears the cCSAus label for Wet Locations in covered ceilings
- Photometrically tested per IESNA-79 standards and LM-80 compliant
- UL Sanitation rated

WARRANTY

- 5 year warranty

| KEY DATA | |
|----------------------------|--------------|
| Lumen Range | 2,508–16,701 |
| Wattage Range | 41–169 |
| Efficacy Range (LPW) | 60–99 |
| Reported Life (Hours) | L80/60,000 |
| Input Current Range (Amps) | .15–1.4 |

MediMode™ Behavioral

MULTI-FUNCTION RECESSED PATIENT ROOM LIGHT FOR BEHAVIORAL HEALTH

ORDERING GUIDE

Example: MDMB24-9-40-F-120-NA

CATALOG # _____

| MDMB | | | | | | | | | | | |
|-------|---|------|------------|-----|---------------------|----|-----------|---|---|------------------|----------------------------------|
| Model | | Size | | CRI | Color Temp | | Switching | | F | Ceiling/Mounting | Voltage |
| MDMB | MediMode Patient Room Luminaire for Behavioral Applications | 22 | 2x2 (nom.) | 9 | 90 CRI ¹ | 30 | 3000K | Blank Ambient/Reading and Exam functions switched separately ¹ SS All functions switched together | F | Flange Mount | U Universal (120-277) 120 120 |
| | | 24 | 2x4 (nom.) | 8 | 80 CRI | 35 | 3500K | | | | |
| | | | | | | 40 | 4000K | | | | |
| | | | | | | 50 | 5000K | | | | |

| Options | |
|---------|--|
| NA | Night Light Amber (590nm), (120V only) |
| NW | Night Light White (3000K), (120V only) |
| WT | White internal aluminum rails |
| ELL14 | Emergency battery pack ² |
| GMF | Slow blow fuse |

 Notes:
 1 Default selection unless specified otherwise
 2 2x4 only

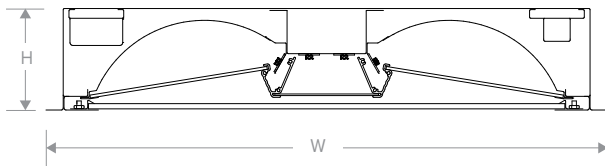
PERFORMANCE

| | | | Dual-Switched | | | | | | Single-Switched | | |
|------|--------|-------|-----------------|-------------|-----|-------------------------------|-------------|-----|------------------|-------------|-----|
| | | | Ambient/Reading | | | Exam (Exam + Ambient/Reading) | | | All compartments | | |
| CRI | Model | CCT | Lumens | Input Watts | LPW | Lumens | Input Watts | LPW | Lumens | Input Watts | LPW |
| > 90 | MDMB22 | 3000K | 2,508 | 42 | 60 | 6,038 | 84 | 72 | 2,941 | 41 | 72 |
| | | 3500K | 2,562 | 42 | 61 | 6,168 | 84 | 73 | 3,004 | 41 | 73 |
| | | 4000K | 2,616 | 42 | 62 | 6,298 | 84 | 75 | 3,067 | 41 | 75 |
| | | 5000K | 2,785 | 42 | 66 | 6,705 | 84 | 80 | 3,265 | 41 | 80 |
| | MDMB24 | 3000K | 5,751 | 84 | 68 | 13,479 | 169 | 80 | 7,817 | 106 | 74 |
| | | 3500K | 5,874 | 84 | 70 | 13,768 | 169 | 81 | 7,985 | 106 | 75 |
| | | 4000K | 5,997 | 84 | 71 | 14,057 | 169 | 83 | 8,153 | 106 | 77 |
| | | 5000K | 6,385 | 84 | 76 | 14,966 | 169 | 89 | 8,680 | 106 | 82 |
| > 80 | MDMB22 | 3000K | 2,885 | 42 | 69 | 6,945 | 84 | 83 | 3,383 | 41 | 83 |
| | | 3500K | 2,982 | 42 | 71 | 7,180 | 84 | 85 | 3,497 | 41 | 85 |
| | | 4000K | 3,028 | 42 | 72 | 7,291 | 84 | 87 | 3,551 | 41 | 87 |
| | | 5000K | 3,108 | 42 | 74 | 7,482 | 84 | 89 | 3,644 | 41 | 89 |
| | MDMB24 | 3000K | 6,614 | 84 | 79 | 15,503 | 169 | 92 | 8,991 | 106 | 85 |
| | | 3500K | 6,837 | 84 | 81 | 16,026 | 169 | 95 | 9,295 | 106 | 88 |
| | | 4000K | 6,943 | 84 | 83 | 16,274 | 169 | 96 | 9,438 | 106 | 89 |
| | | 5000K | 7,125 | 84 | 85 | 16,701 | 169 | 99 | 9,686 | 106 | 91 |

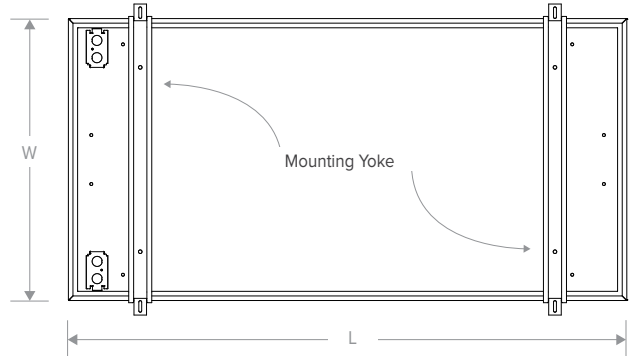
MediMode™ Behavioral

MULTI-FUNCTION RECESSED PATIENT ROOM LIGHT FOR BEHAVIORAL HEALTH

DIMENSIONS



CROSS-SECTION VIEW



2X4 BACK VIEW

| Model | H | W | L | Ceiling Opening |
|--------|---------------------|----------------------|-----------------------|---|
| MDMB22 | 4.41" (112.0 mm) | 24.48" (621.8 mm) | 24.48" (621.8 mm) | 23.38x 23.38" (593.9 mm x 593.9 mm) |
| MDMB24 | 4.41" (112.0 mm) | 24.48" (621.8 mm) | 48.48" (1231.4 mm) | 23.38" x 47.38" (593.9 mm x 1203.5 mm) |

PHOTOMETRY

MDMB24-9-35 Dual-Switched Ambient/Reading

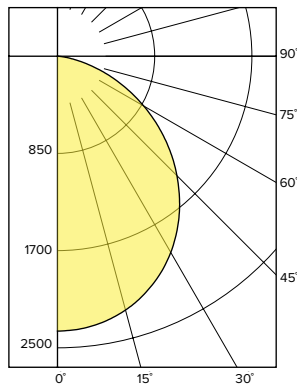
LUMINAIRE DATA

| | |
|------------------|-----------------|
| Test No. | 18.01109 |
| Description | Ambient/Reading |
| Delivered Lumens | 5,874 |
| Watts | 84.4W |
| Efficacy | 69.9 |
| Mounting | Recessed |

ZONAL LUMEN SUMMARY

| Zone | Lumens | % Luminaire |
|-------|--------|-------------|
| 0-40 | 2978 | 50.7 |
| 0-60 | 4995 | 85.0 |
| 0-90 | 5874 | 100.0 |
| 0-180 | 5874 | 100.0 |

POLAR GRAPH



CANDELA DISTRIBUTION

| | |
|-----|------|
| 0° | 2404 |
| 5° | 2393 |
| 15° | 2304 |
| 25° | 2112 |
| 35° | 1801 |
| 45° | 1416 |
| 55° | 991 |
| 65° | 566 |
| 75° | 210 |
| 85° | 24 |
| 90° | 1 |

MDMB24-9-35 Dual-Switched Examination

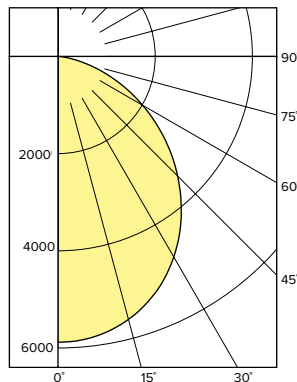
LUMINAIRE DATA

| | |
|------------------|--|
| Test No. | 18.01108 |
| Description | Examination (includes Ambient/Reading) |
| Delivered Lumens | 13,768 |
| Watts | 168.9W |
| Efficacy | 81.5 |
| Mounting | Recessed |

ZONAL LUMEN SUMMARY

| Zone | Lumens | % Luminaire |
|-------|--------|-------------|
| 0-40 | 7091 | 51.5 |
| 0-60 | 11731 | 85.2 |
| 0-90 | 13768 | 100.0 |
| 0-180 | 13768 | 100.0 |

POLAR GRAPH



CANDELA DISTRIBUTION

| | |
|-----|------|
| 0° | 5881 |
| 5° | 5846 |
| 15° | 5553 |
| 25° | 4970 |
| 35° | 4140 |
| 45° | 3188 |
| 55° | 2217 |
| 65° | 1288 |
| 75° | 496 |
| 85° | 53 |
| 90° | 0 |

MediMode™ Behavioral

MULTI-FUNCTION RECESSED PATIENT ROOM LIGHT FOR BEHAVIORAL HEALTH

PHOTOMETRY (CONTINUED)

MDMB24-9-35 Single-Switched

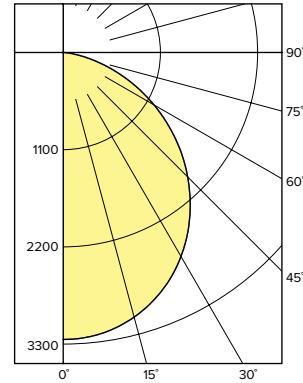
LUMINAIRE DATA

| | |
|------------------|---------------|
| Test No. | 18.01374 |
| Description | Single Switch |
| Delivered Lumens | 7,985 |
| Watts | 106.7W |
| Efficacy | 74.9 |
| Mounting | Recessed |

ZONAL LUMEN SUMMARY

| Zone | Lumens | % Luminaire |
|-------|--------|-------------|
| 0-40 | 4009 | 50.2 |
| 0-60 | 6752 | 84.6 |
| 0-90 | 7985 | 100.0 |
| 0-180 | 7985 | 100.0 |

POLAR GRAPH

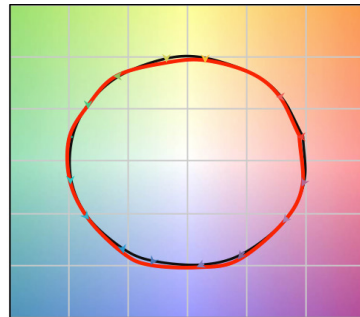


CANDELA DISTRIBUTION

| | |
|-----|------|
| 0° | 3248 |
| 5° | 3232 |
| 15° | 3102 |
| 25° | 2837 |
| 35° | 2427 |
| 45° | 1925 |
| 55° | 1369 |
| 65° | 804 |
| 75° | 309 |
| 85° | 34 |
| 90° | 1 |

TM-30 DATA

COLOR VECTOR GRAPHIC



COLOR DISTORTION GRAPHIC



— Reference Illuminant — Test Source

MBMB TEST RESULTS

| | |
|---------|-------|
| CCT (K) | 3464 |
| Rf | 92 |
| Rg | 100 |
| CIE Ra | 96 |
| CIE R9 | 69-71 |