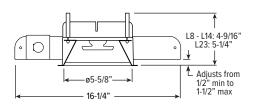
M6PR dim to WARM 6" MRI Shallow Plenum Downlight – Round







CATALOG #: _ TYPF. PROJECT: _

FEATURES

TrimLock[®]

- Innovative TrimLock reflector retention system ensures trim remains flush with ceiling plane
- Dim to warm from 1800K to 3000K CCT, minimum 95 CRI
- Designed with non-ferrous materials for MRI imaging suites
- IP65-rated die-cast trim includes easy-toclean flush lens
- Slim 5" depth for minimal plenum space applications
- Beam angles ranging from 25° narrow to 85° wide for tailored performance
- Contemporary design provides glare-free illumination for a soft ceiling appearance
- Fully room-side accessible

SPECIFICATIONS

- HOUSING Spun housing with forged aluminum heat sink. Aluminum splice compartment. Trim housing adjusts for ceiling thickness from 1/2" - 1-1/2".
- TRIMLOCK Innovative TrimLock reflector retention system ensures the trim remains flush with the ceiling plane.
- LENSED TRIM Die-cast aluminum frame with micro-prismatic, tempered glass
- ELECTRICAL High-performance Class 2 C.O.B. LED array. Modular quick-connect plug for easy field-connection of LED light assembly to driver. Reported L70>55,000 hours. Reported L90>55,000 hours. Estimated L70 = 200,000 hours. RF filter required, provided by others.
- MOUNTING Recessed. Aluminum mounting pan for new construction or ICrated enclosure. Remote mounted driver box must be located outside MRI room, RF filter required, provided by others.
- LISTINGS -
 - cCSAus conforms to UL STD 1598; Certified to CAN/CSA STD C22.2 No. 250.0 for damp locations. LED light assembly conforms to UL 2108 for remote installation.
 - Suitable for wet location under covered ceiling when specified with WET/CC
 - IC-rated for direct contact with insulation when specified with I Mounting Type.
 - City of Chicago Environmental Air approved when specified with CP option.
 - Complies with ASTM-E283 when specified with ATH option.
 - RoHS compliant.
- WARRANTY 5-year limited warranty, see hew.com/warranty

ORDERING EXAMPLE: M6PR - TL - L23/9DW - OPTIONS I- LW - OF - WH - TRIM OPTIONS I- N - F1M — HOUSING — _____ TRIM ____

HOUSING

SERIES	LUMENS [1]	COLOR	OPTIONS
M6PR -TL TrimLock	L8 800lm L14 1,400lm L23 2,300lm	9DW Dim to warm (95 CRI, 1800K – 3000K)	ATH Airtight construction CP Chicago plenum (CCEA) [2]

TRIM [3]

TRIM TYPE	DISTRIBUTION [4]	FLANGE TYPE	REF	LECTOR FINISH	TRIM O	PTIONS
L Flush lens	W 85° Wide M 35° Medium N 25° Narrow	OF 1/2" standard flange SF 1/4" mud-in flange [5]	CS WH BL	Clear semi-specular powder coat White texture powder coat Black texture powder coat	PD	IP65 rated trim Diffuse acrylic lens ^[6] Diffuse 1/8" polycarbonate lens ^[7]
						Wet location, covered ceiling listed
					ΔM	Anti-microbial [8]

MOUNTING

MOUNTING TYPE [9]

N Open pan for new construction

I IC-rated enclosure for new construction [11]

MOUNTING HARDWARE [10]

 $\begin{array}{ll} \textbf{FatM} & \text{Factory-installed 2-position fixed pan bracket, universal bar hanger} \\ & \text{included} \, ^{[12]} \end{array}$

BA1M Adjustable butterfly pan bracket, aluminum, bar hanger not included [13] CA1M Adjustable caterpillar pan bracket, aluminum, universal bar hanger

REMOTE DRIVER ENCLOSURE (ORDERED SEPARATELY) [15]

ORDERING EXAMPLE: M6PR - RDB1 - L23 - OPTIONS - DIM - UNV

SERIES	DRIVER BOX	DRIVE	R QTY.	LUM	IENS	OPTION	1S	CON	ITROL [16]	VOL	ΓAGE
M6PR	RDB Remote driver enclosure	1 2 3 4 5 6	7 8 9 10 11 12		800lm 1,400lm 2,300lm	F SDT	12-watt emergency battery ^[17] Fuse kit Stepdown transformer ^[18]	DIM	Dimming driver (0- 10V signal to control dimming and CCT) Lutron		120-277V 347V ^[19]

NOTES

- Lumen output based on full light output, W distribution and WH finish, 3000K/95CRI. Actual lumens may vary +/-5%. See with fillish, 3000K/95CRI. Actual lumens may vary +7-5%. See page 2 for FIXTURE PERFORMANCE DATA.
 I Mounting Type required.
 Trim ships separately
 Beam angle based on WH reflector finish.
 For use with mud-in plaster construction only, supplied with

- mud flange installation kit. See page 3 for FLANGE TYPE DETAILS. Not available with ATH or IP options. Wide distribution only.

- Wide distribution only.
 WH and BL Reflector Finishes only.
 Mounting hardware required, ordered separately, see MOUNTING HARDWARE ordering info. See page 3 for MOUNTING TYPE DETAILS.
- See page 3 for MOUNTING HARDWARE DETAILS.
- 11 L14 lumen package max.

- 11 L14 lumen package max.
 12 Universal bar hanger ships uninstalled
 13 N Mounting Type only.
 14 N Mounting Type only.
 15 Required. Ordered as a separate catalog number, ships separately. See page 4 for REMOTE DRIVER ENCLOSURE DETAILS (ORDERED & SHIPPED SEPARATELY).

Ecosystem

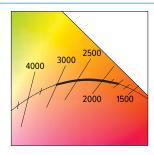
enabled

- All drivers dimmed by single control signal. Available with RDB1 only.
- ¹⁸ May be required for 347V, see product builder at hew.com/product-builder
 Not available with EM batteries.

M6PR dim to WARM 6" MRI Shallow Plenum Downlight – Round

FIXTURE PERFORMANCE DATA

	DISTRIBUTION	DELIVERED LUMENS	CCT AT 100% (FULL OUTPUT)	CCT AT 1% (FULL DIM)	WATTAGE	EFFICACY (Im/W)
	W	806		1800K	14.0	57.6
8	M	817			14.0	58.4
	N	825			14.0	58.9
	W	1413			23.4	60.4
7	M	1433	3000K		23.4	61.2
	N	1446			23.4	61.8
	W	2314			37.7	61.4
L23	М	2347			37.7	62.3
	N	2369			37.7	62.8



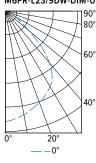
MULTIPLIER TABLE

TRIM				
CATALOG NUMBER	CONVERSION FACTOR			
AD	0.85			
PD	0.85			

- Photometrics tested in accordance with IESNA LM-79. Results shown are based on 25°C ambient temperature. Wattage shown is based on 120V input. Results based on 3000K, 95 CRI, full output, actual lumens may vary + 1 -5% Use multiplier table to calculate additional options.

PHOTOMETRY

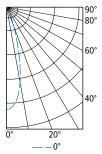
M6PR-L23/9DW-DIM-UNV-LW-OF-WH Total Luminaire Output: 2314 lumens; 37.7 Watts | Efficacy: 61.4 lm/W | 95.0 CRI; 3000K CCT



w-or-wn Total Luminaire Output: 2314 lumens; 37.7 watts i En						
	VERTICAL ANGLE	HORIZONTAL ANGLE	ZONAL LUMENS			
_		•				
Ó	0	1225				
CANDLEPOWER DISTRIBUTION	5	1203	114			
是	15	1127	318			
S	25	1036	477			
2	35	901	557			
No.	45	582	442			
Œ.	55	233	218			
ᅙ	65	116	117			
S	75	53	57			
	85	12	15			
	90	1				

LUMEN SUMMARY	ZONE	LUMENS	% FIXTURE	
돐	0 - 40	1466	63	
MEN	0 - 60	2126	92	
∄	0 - 90	2314	100	
	0 - 180	2314	100	

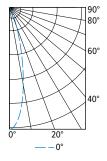
M6PR-L23/9DW-DIM-UNV-LM-OF-WH Total Luminaire Output: 2347 lumens; 37.7 Watts | Efficacy: 62.3 lm/W | 95.0 CRI; 3000K CCT



	VERTICAL ANGLE	HORIZONTAL ANGLE 0°	ZONAL LUMENS
8	0	5398	
5	5	5188	476
CANDLEPOWER DISTRIBUTION	15	3397	913
S	25	1074	512
8	35	319	209
8	45	140	110
副	55	73	66
夏	65	37	37
5	75	18	19
	85	3	4
	90	0	

LUMEN SUMMARY	ZONE	LUMENS	% FIXTURE
≥	0 - 40	2110	90
S	0 - 60	2286	97
뿔	0 - 90	2347	100
=	0 - 180	2347	100

M6PR-L23/9DW-DIM-UNV-LN-OF-WH Total Luminaire Output: 2369 lumens; 37.7 Watts | Efficacy: 62.8 lm/W | 95.0 CRI; 3000K CCT



			.,
	VERTICAL ANGLE	HORIZONTAL ANGLE 0°	ZONAL LUMENS
8	0	8749	
CANDLEPOWER DISTRIBUTION	5	7909	686
₩	15	3390	933
S	25	808	392
8	35	223	147
<u>S</u>	45	112	88
<u>H</u>	55	69	62
를	65	38	38
동	75	17	18
	85	3	4
	90	0	

y. 02.0 mii 11 33.0 Giti, 300Git GG1						
LUMEN SUMMARY	ZONE	LUMENS	% FIXTURE			
Ξ	0 - 40	2159	91			
N	0 - 60	2308	97			
¥	0 - 90	2369	100			
∃	0 - 180	2369	100			

M6PR dim to WARM 6" MRI Shallow Plenum Downlight – Round

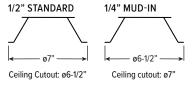
TRIMLOCK DETAILS

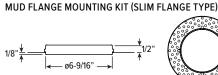


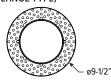




FLANGE TYPE DETAILS





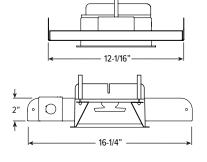


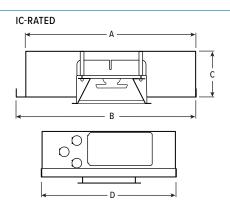
REFLECTOR FINISH DETAILS



MOUNTING TYPE DETAILS

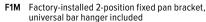
NEW CONSTRUCTION

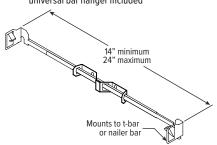




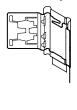
		LENGTH				
LUMENS	Α	В	С	D		
L8	15-3/16"	16"	4-1/8"	12-1/8"		
L14	15-3/16"	16"	5-7/8"	12-1/8"		

MOUNTING HARDWARE DETAILS

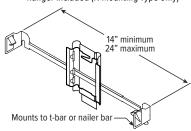




BA1M Adjustable butterfly pan bracket, aluminum, bar hanger not included (N Mounting Type only)



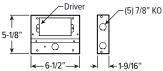
CA1M Adjustable caterpillar pan bracket, aluminum, universal bar hanger included (N Mounting Type only)

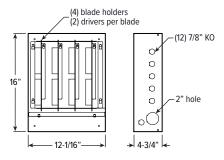




REMOTE DRIVER ENCLOSURE DETAILS (ORDERED & SHIPPED SEPARATELY)

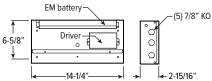
REMOTE DRIVER ENCLOSURE FOR SINGLE FIXTURE





REMOTE DRIVER ENCLOSURE FOR 2 - 8 FIXTURES

REMOTE DRIVER ENCLOSURE FOR SINGLE FIXTURE WITH EM/12W



REMOTE DRIVER ENCLOSURE FOR 9 - 12 FIXTURES

