

M4PR LED 4.5" MRI Shallow Plenum Downlight – Round

FIXTURE PERFORMANCE DATA

	DISTRIBUTION	DELIVERED LUMENS	WATTAGE	EFFICACY (lm/W)
L10	W	921	10.7	85.9
	M	1072	10.7	100.0
	N	1064	10.7	99.2
L15	W	1405	16.7	84.1
	M	1636	16.7	97.9
	N	1624	16.7	97.1
L20	W	1830	22.8	80.4
	M	2130	22.8	93.6
	N	2114	22.8	92.9
L30	W	3127	46.6	67.1
	M	3538	46.6	75.9
	N	3516	46.6	75.5

MULTIPLIER TABLES

COLOR TEMPERATURE	
CCT	CONVERSION FACTOR
2700K	0.92
3000K	0.98
3500K	1.00
4000K	1.01
5000K	1.02

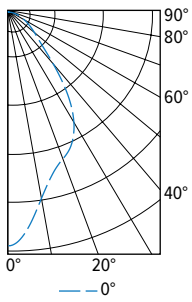
80 CRI	2700K	0.76
	3000K	0.79
	3500K	0.82
	4000K	0.84
	5000K	0.88

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 3500K, 80 CRI, actual lumens may vary +/-5%
- Use multiplier tables to calculate additional options.

PHOTOMETRY

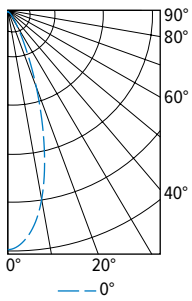
M4PR-TL-L20/835-DIM-UNV-LW-OF-WH Total Luminaire Output: 1830 lumens; 22.8 Watts | Efficacy: 80.4 lm/W | 82.7 CRI; 3565K CCT



CANDLEPOWER DISTRIBUTION	VERTICAL ANGLE	HORIZONTAL ANGLE	ZONAL LUMENS
		0°	
	0	1465	
	5	1365	91
	15	1057	167
	25	926	222
	35	663	187
	45	304	10
	55	178	73
	65	104	45
	75	52	22
	85	13	4
	90	2	

LUMEN SUMMARY	ZONE	LUMENS	% FIXTURE
	0 - 40	1253	69
	0 - 60	1656	91
	0 - 90	1830	100
	0-180	1830	100

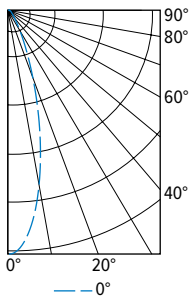
M4PR-TL-L20/835-DIM-UNV-LM-OF-WH Total Luminaire Output: 2130 lumens; 22.8 Watts | Efficacy: 93.6 lm/W | 82.7 CRI; 3560K CCT



CANDLEPOWER DISTRIBUTION	VERTICAL ANGLE	HORIZONTAL ANGLE	ZONAL LUMENS
		0°	
	0	5004	
	5	4751	315
	15	2968	390
	25	1007	187
	35	302	79
	45	125	42
	55	64	26
	65	37	16
	75	19	8
	85	5	2
	90	1	

LUMEN SUMMARY	ZONE	LUMENS	% FIXTURE
	0 - 40	1910	90
	0 - 60	2067	97
	0 - 90	2130	100
	0-180	2130	100

M4PR-TL-L20/835-DIM-UNV-LN-OF-WH Total Luminaire Output: 2114 lumens; 22.8Watts | Efficacy: 92.9 lm/W | 82.6 CRI; 3545K CCT



CANDLEPOWER DISTRIBUTION	VERTICAL ANGLE	HORIZONTAL ANGLE	ZONAL LUMENS
		0°	
	0	7096	
	5	6408	398
	15	3003	366
	25	802	144
	35	222	59
	45	105	37
	55	63	26
	65	38	17
	75	19	8
	85	4	1
	90	1	

LUMEN SUMMARY	ZONE	LUMENS	% FIXTURE
	0 - 40	1912	90
	0 - 60	2051	97
	0 - 90	2114	100
	0-180	2114	100

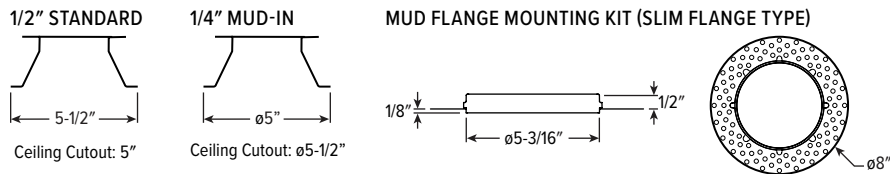


M4PR^{LED} 4.5" MRI Shallow Plenum Downlight – Round

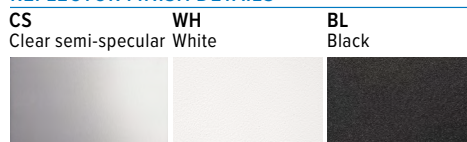
TRIMLOCK DETAILS



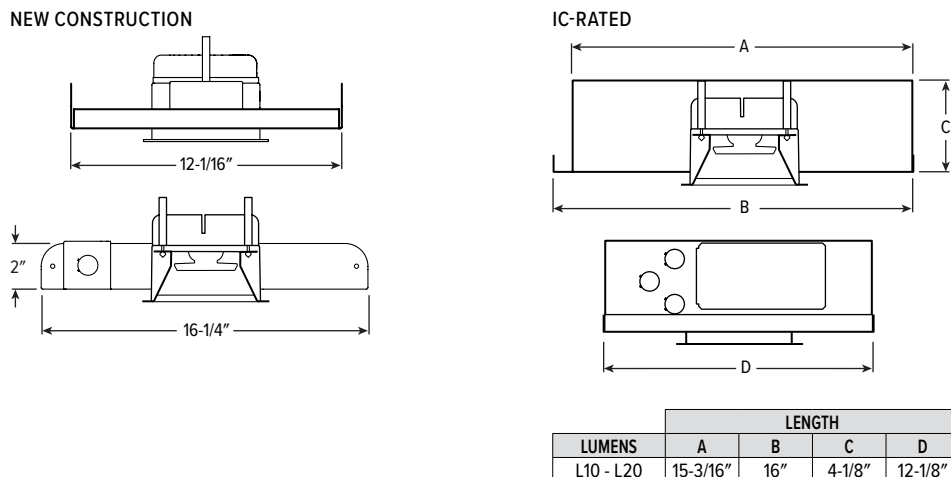
FLANGE TYPE DETAILS



REFLECTOR FINISH DETAILS



MOUNTING TYPE DETAILS



ADDITIONAL DRIVER OPTIONS

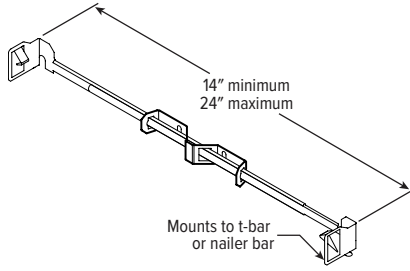
Lumen restrictions apply: L20 max for DMX driver, L20 max for Lutron drivers. 347V may require stepdown transformer, see product builder at hew.com/product-builder.

CATALOG NUMBER	DESCRIPTION
DIM	Dimming driver prewired for 0-10V low voltage applications
DIM1	1% dimming driver prewired for 0-10V low voltage applications
DMX	0.1% dimming driver for DMX controls
LTE LINE	Lutron Hi-lume 1% 2-wire dimming driver forward phase line voltage controls (120V only)
LDE1	Lutron Hi-lume 1% EcoSystem dimming LED driver
LDE5	Lutron 5-Series 5% EcoSystem dimming LED driver
ELDO SOLOB	EldoLED Solodrive, 0.1% dimming driver for 0-10V controls
ELDO SOLOB DALI	EldoLED Solodrive, 0.1% dimming driver for DALI controls
ELDO ECO1	EldoLED Ecodrive, 1% dimming driver for 0-10V controls
ELDO ECO1 DALI	EldoLED Ecodrive, 1% dimming driver for DALI controls

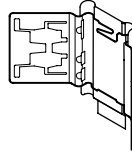
M4PR LED 4.5" MRI Shallow Plenum Downlight – Round

MOUNTING HARDWARE DETAILS

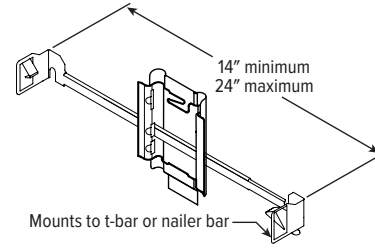
F1M Factory-installed 2-position fixed pan bracket, universal bar hanger included



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

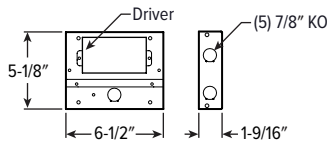


CA1M Adjustable caterpillar pan bracket, aluminum, universal bar hanger included (N Mounting Type only)

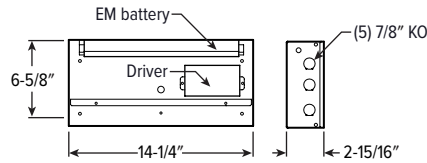


REMOTE DRIVER ENCLOSURE DETAILS (ORDERED & SHIPPED SEPARATELY)

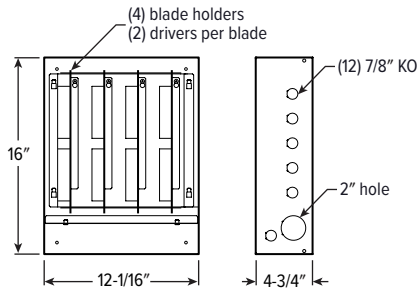
REMOTE DRIVER ENCLOSURE FOR SINGLE FIXTURE



REMOTE DRIVER ENCLOSURE FOR SINGLE FIXTURE WITH EM/12W



REMOTE DRIVER ENCLOSURE FOR 2 - 8 FIXTURES



REMOTE DRIVER ENCLOSURE FOR 9 - 12 FIXTURES

