

4PS LED 4.5" Shallow Plenum Downlight – Square

FIXTURE PERFORMANCE DATA

	DISTRIBUTION	DELIVERED LUMENS	WATTAGE	EFFICACY (lm/W)
L10	W	1029	10.7	96.0
	M	1064	10.7	99.2
	N	1030	10.7	96.0
L15	W	1581	17.2	91.8
	M	1634	17.2	94.8
	N	1581	17.2	91.8
L20	W	2058	23.5	87.7
	M	2127	23.5	90.6
	N	2059	23.5	87.7
L30	W	3087	33.2	92.9
	M	3191	33.2	96.1
	N	3088	33.2	93.0
L40	W	4116	44.7	92.0
	M	4261	44.7	95.3
	N	4122	44.7	92.2

MULTIPLIER TABLES

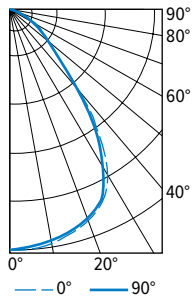
	COLOR TEMPERATURE		
	CCT	CONVERSION FACTOR	
80 CRI	2700K	0.92	
	3000K	0.98	
	3500K	1.00	
	4000K	1.01	
90 CRI	2700K	0.76	
	3000K	0.79	
	3500K	0.82	
	4000K	0.84	
		5000K	0.88

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 L trim type, W distribution and WH finish, 3500K/80CRI, actual lumens may vary +/-5%
- Use multiplier tables to calculate additional options.

PHOTOMETRY

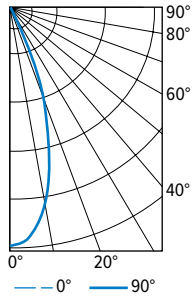
4PS-L40/835-DIM-UNV-LW-OF-WH Report #: 20339; 04/25/18 | Total Luminaire Output: 4116 lumens; 44.7 Watts | Efficacy: 92.0 lm/W | 82.8 CRI; 3431K CCT



	VERTICAL ANGLE	HORIZONTAL ANGLE			ZONAL LUMENS
		0°	45°	90°	
CANDLEPOWER DISTRIBUTION	0	2316	2316	2316	
	5	2315	2303	2302	220
	15	2232	2221	2214	629
	25	2087	2092	2065	964
	35	1483	1764	1441	1016
	45	667	1028	644	620
	55	382	429	367	358
	65	208	205	203	205
	75	88	87	87	93
	85	13	12	10	12
90	0	0	0		

	ZONE	LUMENS	% FIXTURE
LUMEN SUMMARY	0 - 30	1813	44
	0 - 40	2829	69
	0 - 60	3806	93
	0 - 90	4116	100
	0 - 180	4116	100

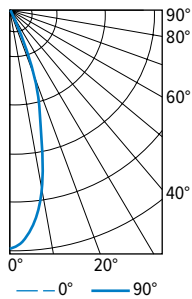
4PS-L40/835-DIM-UNV-LM-OF-WH Report #: 20341; 04/24/18 | Total Luminaire Output: 4261 lumens; 44.7 Watts | Efficacy: 95.3 lm/W | 82.8 CRI; 3431K CCT



	VERTICAL ANGLE	HORIZONTAL ANGLE			ZONAL LUMENS
		0°	45°	90°	
CANDLEPOWER DISTRIBUTION	0	9143	9143	9143	
	5	8842	8817	8847	842
	15	6053	6054	6011	1714
	25	2094	2085	2088	967
	35	611	616	649	388
	45	226	244	238	182
	55	100	111	103	93
	65	48	52	52	50
	75	21	21	24	22
	85	1	3	2	2
90	0	0	0		

	ZONE	LUMENS	% FIXTURE
LUMEN SUMMARY	0 - 30	3523	83
	0 - 40	3911	92
	0 - 60	4186	98
	0 - 90	4261	100
	0 - 180	4261	100

4PS-L40/835-DIM-UNV-LN-OF-WH Report #: 20342; 04/24/18 | Total Luminaire Output: 4122 lumens; 44.7Watts | Efficacy: 92.2 lm/W | 82.8 CRI; 3431K CCT



	VERTICAL ANGLE	HORIZONTAL ANGLE			ZONAL LUMENS
		0°	45°	90°	
CANDLEPOWER DISTRIBUTION	0	10746	10746	10746	
	5	10121	10033	10007	958
	15	5673	5741	5643	1618
	25	1750	1904	1859	850
	35	485	522	550	324
	45	208	221	228	170
	55	118	129	125	112
	65	57	67	63	63
	75	22	26	26	26
	85	0	2	3	2
90	0	0	0		

	ZONE	LUMENS	% FIXTURE
LUMEN SUMMARY	0 - 30	3425	83
	0 - 40	3750	91
	0 - 60	4031	98
	0 - 90	4122	100
	0 - 180	4122	100



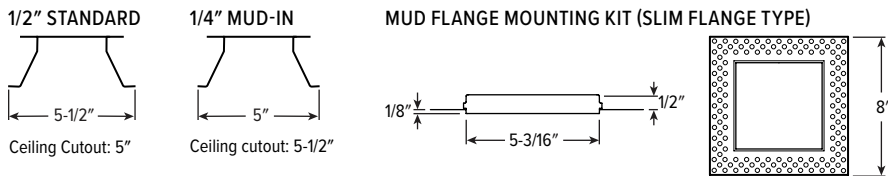
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ADDITIONAL CONTROL OPTIONS

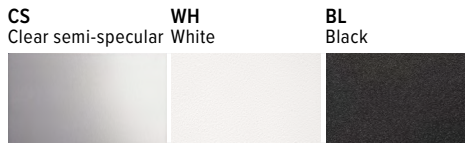
Lumen restrictions apply: L30 max for DMX driver, L30 max for Lutron drivers, L40 max for DIM LINE driver. 347V may require stepdown transformer, see product builder at hew.com/product-builder.

CATALOG NUMBER	DESCRIPTION
DIM	Dimming driver prewired for 0-10V low voltage applications
DIM1	1% dimming driver prewired for 0-10V low voltage applications
DIM LINE	Line voltage dimming driver (TRIAC and ELV compatible at 120V only)
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
VRF/DSR	Lutron Vive integral fixture control, RF only (DFCSJ-OEM-RF) and sensor-ready driver
VRF/DBI/LDE1	Lutron Vive integral fixture control, RF only (DFCSJ-OEM-RF), Lutron Hi-lume 1% EcoSystem dimming LED driver, and digital link interface
VRF/DBI/LDE5	Lutron Vive integral fixture control, RF only (DFCSJ-OEM-RF), Lutron 5-Series 5% EcoSystem dimming LED driver, and digital link interface
FCJS/DIM	Lutron Vive PowPak wireless fixture control with dimming driver
FCJS/DIM1	Lutron Vive PowPak wireless fixture control with 1% dimming 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

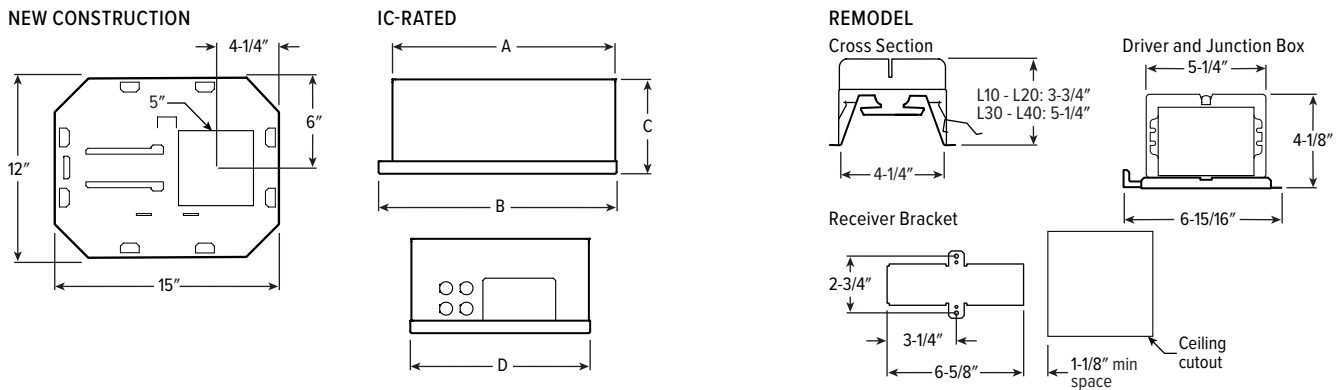
FLANGE TYPE DETAILS



REFLECTOR FINISH DETAILS



MOUNTING TYPE DETAILS

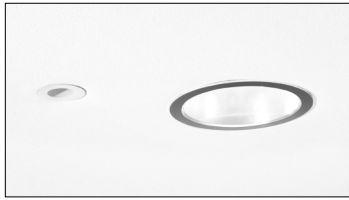


LUMENS	LENGTH			
	A	B	C	D
L10 - L20	15-1/16"	16"	4-1/2"	12-1/8"

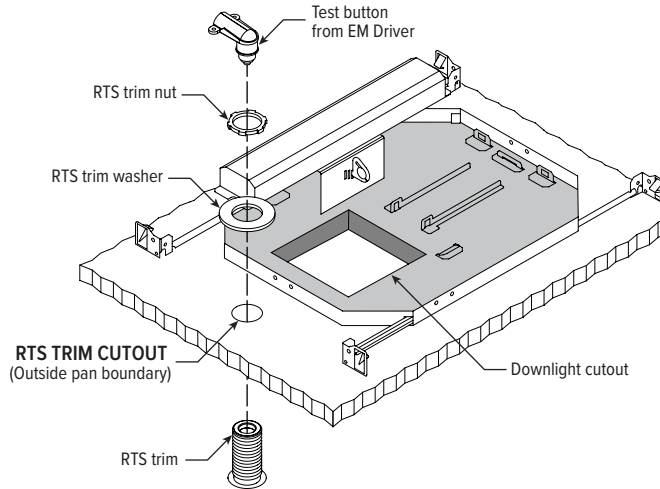


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EM/10W/RTS DETAILS

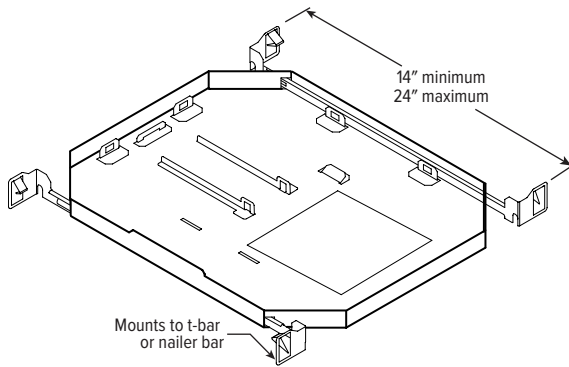


Shown Installed

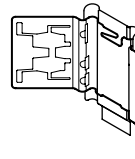


MOUNTING HARDWARE DETAILS

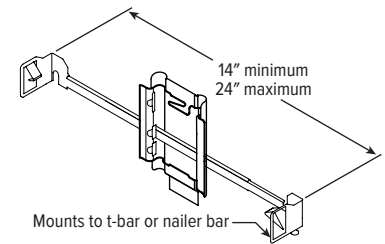
F1 Integral 2-position fixed pan bracket, universal bar hanger included



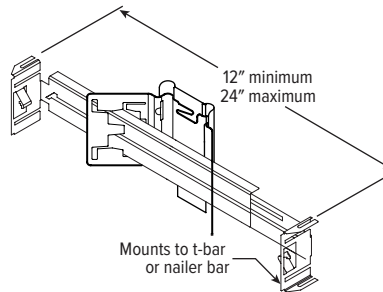
BA1 Adjustable butterfly pan bracket, bar hanger not included (N Mounting Type only)



CA1 Adjustable caterpillar pan bracket, universal bar hanger included (N Mounting Type only)



BA2 Adjustable butterfly pan bracket, heavy-duty universal bar hanger included (N Mounting Type only)



CA2 Adjustable caterpillar pan bracket, t-bar hanger included (N Mounting Type only)

