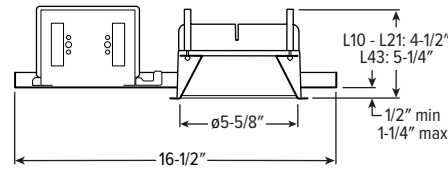


6PR tunable WHITE 6" Shallow Plenum Downlight – Round



CATALOG #: _____

TYPE: _____

PROJECT: _____

NEW CONSTRUCTION AND REMODEL

FEATURES

TrimLock®

- Innovative TrimLock reflector retention system ensures trim remains flush with ceiling plane
- Tunable white from 2700K to 5000K CCT, minimum 80 CRI
- Slim 5" depth for minimal plenum space applications
- Beam angles ranging from 25° narrow to 85° wide for tailored performance
- Die cast trim with flush lens provides glare-free illumination for a soft ceiling appearance
- Fully room-side accessible

SPECIFICATIONS

- HOUSING** – Spun housing with forged aluminum heat sink. Galvanized steel splice compartment with driver mounting plate/enclosure. Mounting clips allow for ceiling thickness from 1/2"– 1-1/4" (consult factory for additional ceiling thicknesses).
- TRIMLOCK** – Innovative TrimLock reflector retention system ensures the trim remains flush with the ceiling plane.
- LENSED TRIM** – Die-cast aluminum frame with micro-prismatic, acrylic lens.
- ELECTRICAL** – High-performance Class 2 LED array. Modular quick-connect plug for easy field-connection of LED light assembly to driver. Reported L70>50,000 hours. Tunable White products use LEDs of multiple CCTs and may produce a perceptibly different shade of white from single-CCT products at the same CCT. All CCTs are within 3 MacAdam ellipses.
- MOUNTING** – Recessed. 20 ga. galvanized steel mounting pan for new construction or IC-rated enclosure. Remodel kit option includes receiver bracket hardware.
- 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 option.
 - 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: **6PR - TL - L10/8TW - OPTIONS - DIM - UNV - LW - OF - WH - TRIM OPTIONS - N - F1**
 HOUSING TRIM MOUNT.

HOUSING

SERIES	LUMENS ^[1]	COLOR	OPTIONS	CONTROL	VOLTAGE
6PR-TL TrimLock	L10 1,000lm	8TW Tunable white (80 CRI, 2700K-5000K)	EM/7W	7-watt emergency battery ^[2]	DALI Driver prewired for DALI applications DIM Dimming driver with (1) 0-10V signal to control dimming and (1) 0-10V signal to control CCT DMX Driver prewired for DMX applications PSQ Lutron T-Series 2-channel tunable white 1%. ^[6]
	L21 2,100lm		EM/10W	10-watt emergency battery ^[3]	
	L43 4,300lm		EM/10W/RTS	10-watt emergency battery with regressed test switch ^[4]	
			ATH	Airtight construction	
			CP	Chicago plenum (CCEA) ^[5]	
			F	Fuse kit	

TRIM ^[7]

TRIM TYPE	DISTRIBUTION ^[8]	FLANGE TYPE	REFLECTOR FINISH	TRIM OPTIONS
L Flush lens	W 85° Wide	OF 1/2" standard flange	CS Clear semi-specular powder coat	IP IP65 rated trim AD Diffuse acrylic lens ^[14] PD Diffuse 1/8" polycarbonate lens ^[15]
A Angled lens ^[9]	M 35° Medium ^[11]	SF 1/4" mud-in flange ^[13]	WH White texture powder coat	WET/CC Wet location, covered ceiling listed ^[16]
S Non-conductive flush lens for shower applications ^[10]	N 25° Narrow ^[12]		BL Black texture powder coat	AM Anti-microbial ^[17]

MOUNTING

MOUNTING TYPE ^[18]

- N Open pan for new construction
- I IC-rated enclosure for new construction ^[20]
- R Remodel kit ^[21]

MOUNTING HARDWARE ^[19]

- F1 Integral 2-position fixed pan bracket, universal bar hanger included ^[22]
- BA1 Adjustable butterfly pan bracket, bar hanger not included ^[23]
- CA1 Adjustable caterpillar pan bracket, universal bar hanger included ^[24]

NOTES

- Lumen output based on L trim type, W distribution and WH finish, 4000K/80CRI. Actual lumens may vary +/-5%. See page 2 for FIXTURE PERFORMANCE DATA.
- N and R Mounting Types only. Not available with ATH or IP options.
- N and R Mounting Types only. Not available with ATH or IP options.
- Not available with WET/CC, ATH or IP options. N and R Mounting Types only. See page 4 for EM/10W/RTS DETAILS.
- I Mounting Type required.
- Not available with I Mounting Type.
- Trim ships separately.
- Beam angle based on WH reflector finish and L Trim Type.
- Wide distribution only. Diffuse acrylic lens standard.
- W Distribution, OF Flange Type, WH Reflector Finish only. Standard with AD diffuse acrylic lens. IP and WET/CC options standard.
- Not available with L43 lumen stop.
- Not available with L43 lumen stop.
- 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.
- L Trim Type only. W distribution only.
- W distribution only.
- Not available with PD trim option.
- WH and BL Reflector Finishes only. Not available with S Trim Type.
- Mounting hardware required (N and I only), ordered separately, see MOUNTING HARDWARE ordering info. See page 4 for MOUNTING TYPE DETAILS.
- Additional mounting hardware options available. See page 5 for MOUNTING HARDWARE DETAILS.
- L10 and L21 lumen packages only.
- Also used in new construction sheetrock ceilings.
- N and I Mounting Types only. I Mounting requires external brackets.
- N Mounting Type only.
- N Mounting Type only.



6PR tunable WHITE

6" Shallow Plenum Downlight – Round

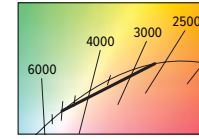
FIXTURE PERFORMANCE DATA

	DISTRIBUTION	DELIVERED LUMENS	WATTAGE	EFFICACY (lm/W)
L10	W	1148	14.6	78.6
	M	1164	14.6	79.7
	N	1175	14.6	80.5
L21	W	2152	24.0	89.5
	M	2182	24.0	90.7
	N	2107	24.0	87.6
L43	W	4352	46.7	93.1
	M	-	-	-
	N	-	-	-

MULTIPLIER TABLES

COLOR TEMPERATURE		
CCT	LUMENS	WATTS
2700K	0.83	1.03
3000K	1.00	1.00
3500K	0.99	0.99
4000K	1.00	1.00
5000K	0.98	1.03

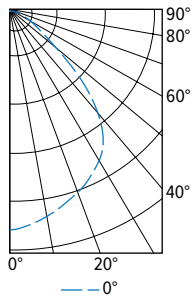
TRIM	
CATALOG NUMBER	CONVERSION FACTOR
S	0.85
AD	0.85
PD	0.85



- 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 4000K, 80 CRI, actual lumens may vary +/-5%
- Use multiplier tables to calculate additional options.

PHOTOMETRY

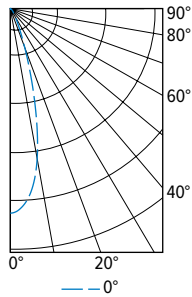
6PR-TL-L10/8TW-DIM-UNV-LW-OF-WH Total Luminaire Output: 1148 lumens; 14.6 Watts | Efficacy: 78.6 lm/W | 80.0 CRI; 4037K CCT



CANDLEPOWER DISTRIBUTION	VERTICAL ANGLE	HORIZONTAL ANGLE	ZONAL LUMENS
		0°	
	0	608	
	5	597	56
	15	559	158
	25	514	237
	35	447	276
	45	289	219
	55	116	108
	65	58	58
	75	26	28
	85	6	7
	90	0	

LUMEN SUMMARY	ZONE	LUMENS	% FIXTURE
		0 - 40	728
	0 - 60	1055	92
	0 - 90	1148	100
	0 - 180	1148	100

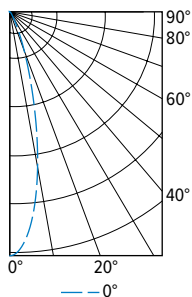
6PR-TL-L10/8TW-DIM-UNV-LM-OF-WH Total Luminaire Output: 1164 lumens; 14.6 Watts | Efficacy: 79.7 lm/W | 80.0 CRI; 4037K CCT



CANDLEPOWER DISTRIBUTION	VERTICAL ANGLE	HORIZONTAL ANGLE	ZONAL LUMENS
		0°	
	0	2679	
	5	2574	236
	15	1685	453
	25	533	254
	35	158	104
	45	70	55
	55	36	33
	65	19	19
	75	9	9
	85	2	2
	90	0	

LUMEN SUMMARY	ZONE	LUMENS	% FIXTURE
		0 - 40	1047
	0 - 60	1134	97
	0 - 90	1164	100
	0 - 180	1164	100

6PR-TL-L10/8TW-DIM-UNV-LN-OF-WH Total Luminaire Output: 1175 lumens; 14.6 Watts | Efficacy: 80.5 lm/W | 80.0 CRI; 4037K CCT



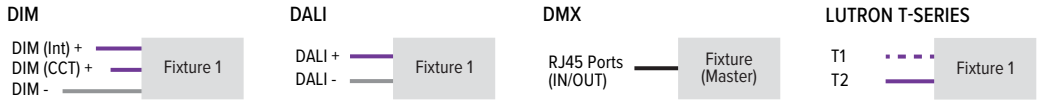
CANDLEPOWER DISTRIBUTION	VERTICAL ANGLE	HORIZONTAL ANGLE	ZONAL LUMENS
		0°	
	0	4341	
	5	3924	341
	15	1682	463
	25	401	195
	35	110	73
	45	56	44
	55	34	31
	65	19	19
	75	8	9
	85	2	2
	90	0	

LUMEN SUMMARY	ZONE	LUMENS	% FIXTURE
		0 - 40	1071
	0 - 60	1145	97
	0 - 90	1175	100
	0 - 180	1175	100



6PR tunable **WHITE** 6" Shallow Plenum Downlight – Round

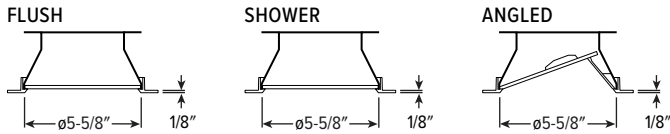
CONTROL DETAILS



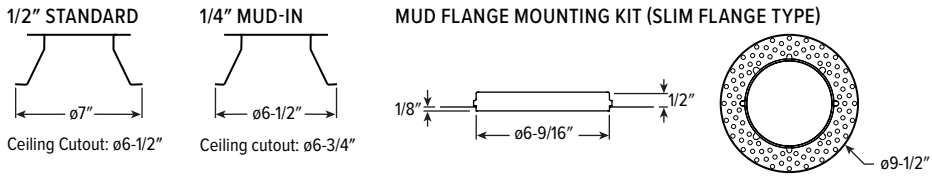
TRIMLOCK DETAILS



TRIM TYPE DETAILS



FLANGE TYPE DETAILS



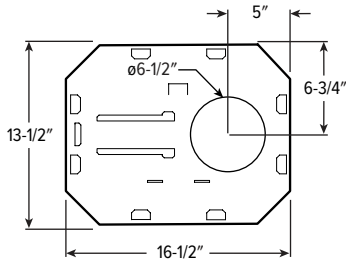
REFLECTOR FINISH DETAILS



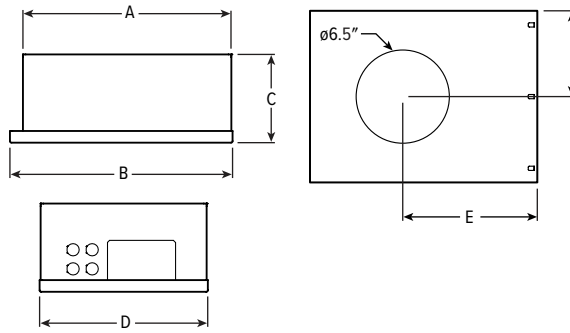
6PR tunable WHITE 6" Shallow Plenum Downlight – Round

MOUNTING TYPE DETAILS

NEW CONSTRUCTION

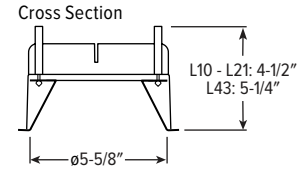


IC-RATED

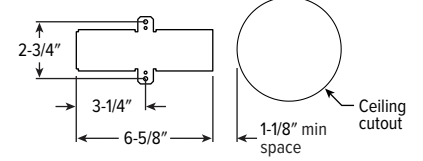


LUMENS	LENGTH					
	A	B	C	D	E	F
L10	15-1/16"	16"	4-1/2"	12-1/8"	9-1/2"	6"
L21	15-3/16"	16"	6-3/8"	12-1/8"	9-1/2"	6"

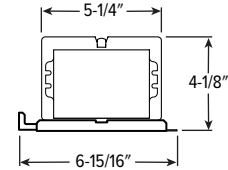
REMODEL



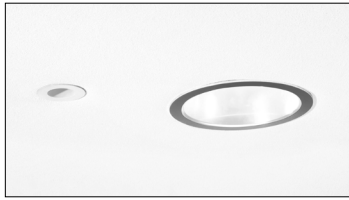
Receiver Bracket



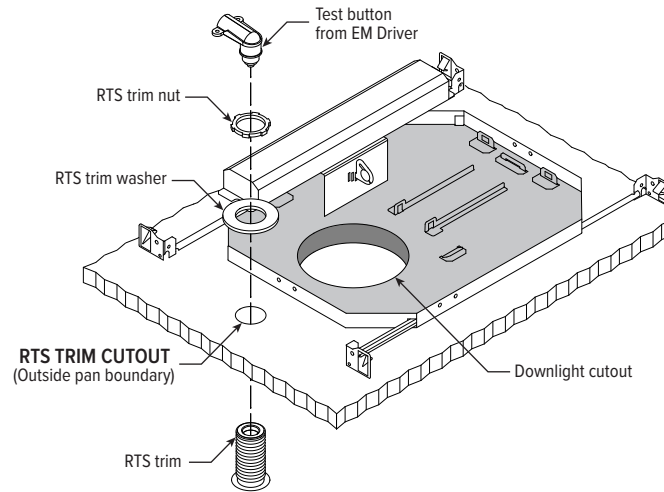
Driver and Junction Box



EM/10W/RTS DETAILS



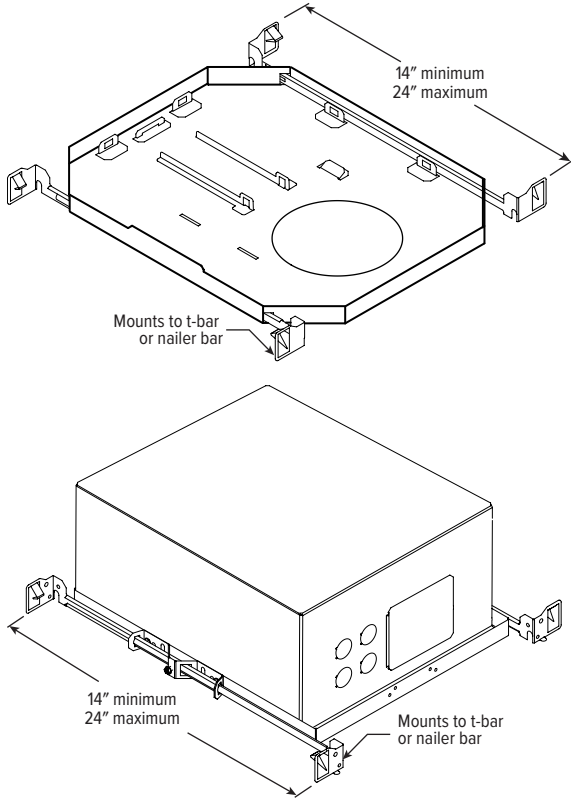
Shown Installed



6PR tunable WHITE 6" Shallow Plenum Downlight – Round

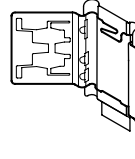
MOUNTING HARDWARE DETAILS

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

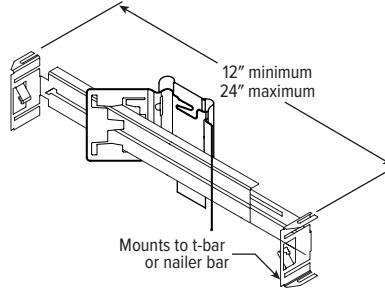


F1 with I Mounting Type

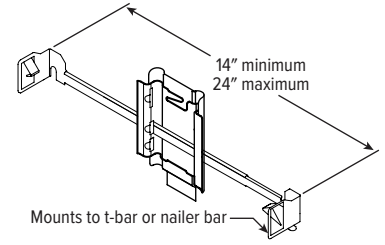
BA1 Adjustable butterfly pan bracket, bar hanger not included (N Mounting Type only)



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



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



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

