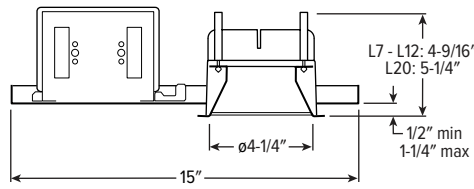
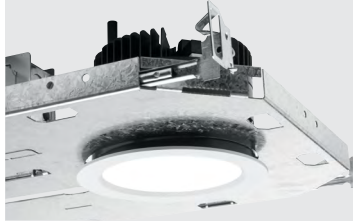


4PR dim to WARM 4.5" Shallow Plenum Downlight – Round



CATALOG #: _____

TYPE: _____

PROJECT: _____

NEW CONSTRUCTION AND REMODEL

FEATURES

TrimLock®

- Innovative TrimLock reflector retention system ensures trim remains flush with ceiling plane
- Dim to warm from 1800K to 3000K CCT, minimum 95 CRI
- Slim 5" depth for minimal plenum space applications
- 4 inch aperture is unobtrusive in small scale spaces
- 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, tempered glass lens.
- 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.
- 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: 4PR - TL - L20/9DW - OPTIONS - DIM - UNV - LW - OF - WH - TRIM OPTIONS - N - F1

HOUSING

SERIES	LUMENS ^[1]	COLOR	OPTIONS	CONTROL	VOLTAGE
4PR-TL	L7 700lm	9DW Dim to warm	EM/7W 7-watt emergency battery ^[2]	DIM Dimming driver (0-10V signal to control dimming and CCT)	UNV 120-277V
TrimLock	L12 1,200lm	(95 CRI, 1800K – 3000K)	EM/10W 10-watt emergency battery ^[3]	LUT Lutron Ecosystem enabled	347 347V ^[7]
	L20 2,000lm		EM/10W/RTS 10-watt emergency battery with regressed test switch ^[4]		
			ATH Airtight construction		
			CP Chicago plenum (CCEA) ^[5]		
			F Fuse kit		
			SDT Stepdown transformer ^[6]		

TRIM

TRIM TYPE	DISTRIBUTION ^[8]	FLANGE TYPE	REFLECTOR FINISH	TRIM OPTIONS
L Flush lens	W 65° Wide	OF 1/2" standard flange	CS Clear semi-specular powder coat	IP IP65 rated trim
A Angled lens ^[9]	M 35° Medium	SF 1/4" mud-in flange ^[11]	WH White texture powder coat	AD Diffuse acrylic lens ^[12]
S Non-conductive flush lens for shower applications ^[10]	N 25° Narrow		BL Black texture powder coat	PD Diffuse 1/8" polycarbonate lens ^[13]
				WET/CC Wet location, covered ceiling listed
				AM Anti-microbial ^[14]

MOUNTING

MOUNTING TYPE ^[15]	MOUNTING HARDWARE ^[16]
N Open pan for new construction	F1 Integral 2-position fixed pan bracket, universal bar hanger included ^[19]
I IC-rated enclosure for new construction ^[17]	BA1 Adjustable butterfly pan bracket, bar hanger not included ^[20]
R Remodel kit ^[18]	CA1 Adjustable caterpillar pan bracket, universal bar hanger included ^[21]

NOTES

- Lumen output based on full light output, L trim type, W distribution and WH finish, 3000K/95CRI. Actual lumens may vary +/-5%. See page 2 for FIXTURE PERFORMANCE DATA.
- N and R Mounting Types only.
- N and R Mounting Types only.
- 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.
- May be required for 347V, see product builder at hew.com/product-builder
- Not available with EM batteries.
- Beam angle based on WH reflector finish and L Trim Type.
- Wide distribution only. Diffuse acrylic lens standard.
- W Distribution and OF Flange Type, WH Reflector Finish only.
- Standard with AD diffuse acrylic lens. IP and WET/CC options standard.
- 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.
- 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 3 for MOUNTING TYPE DETAILS.
- Additional mounting hardware options available. See page 4 for MOUNTING HARDWARE DETAILS.
- L12 lumen package max.
- Also used in new construction sheet rock ceilings.
- N and I Mounting Types only.
- N Mounting Type only.
- N Mounting Type only.



4PR dim to **WARM** 4.5" Shallow Plenum Downlight – Round

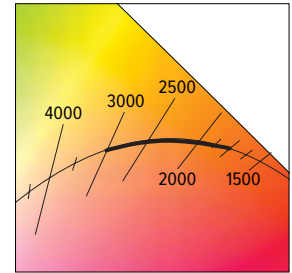
FIXTURE PERFORMANCE DATA

	DISTRIBUTION	DELIVERED LUMENS	CCT AT 100% (FULL OUTPUT)	CCT AT 1% (FULL DIM)	WATTAGE	EFFICACY (lm/W)
L7	W	668	3000K	1800K	14.0	47.7
	M	777			14.0	55.5
	N	772			14.0	55.1
L12	W	1171			23.4	50.1
	M	1363			23.4	58.3
	N	1353			23.4	57.9
L20	W	1918			37.7	50.9
	M	2232			37.7	59.2
	N	2216			37.7	58.8

MULTIPLIER TABLE

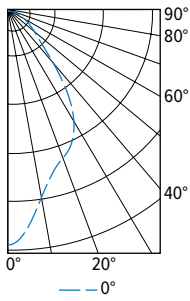
TRIM	
CATALOG NUMBER	CONVERSION FACTOR
S	0.85
AD	0.85
PD	0.85

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



PHOTOMETRY

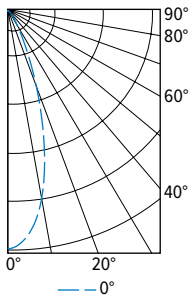
4PR-TL-L20/9DW-DIM-UNV-LW-OF-WH Total Luminaire Output: 1918 lumens; 37.7 Watts | Efficacy: 50.9 lm/W | 95.0 CRI; 3000K CCT



CANDLEPOWER DISTRIBUTION	VERTICAL ANGLE	HORIZONTAL ANGLE	ZONAL LUMENS
		0°	
	0	1535	
	5	1431	130
	15	1108	314
	25	970	443
	35	694	426
	45	319	255
	55	186	167
	65	109	109
	75	54	58
	85	14	17
	90	2	

LUMEN SUMMARY	ZONE	LUMENS	% FIXTURE
	0 - 40	1313	68
	0 - 60	1735	90
	0 - 90	1918	100
	0-180	1918	100

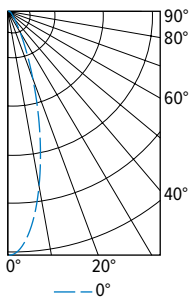
4PR-TL-L20/9DW-DIM-UNV-LM-OF-WH Total Luminaire Output: 2232 lumens; 37.7 Watts | Efficacy: 59.2 lm/W | 95.0 CRI; 3000K CCT



CANDLEPOWER DISTRIBUTION	VERTICAL ANGLE	HORIZONTAL ANGLE	ZONAL LUMENS
		0°	
	0	5244	
	5	4979	452
	15	3110	843
	25	1055	499
	35	316	207
	45	131	103
	55	68	61
	65	39	39
	75	20	21
	85	5	6
	90	1	

LUMEN SUMMARY	ZONE	LUMENS	% FIXTURE
	0 - 40	2001	90
	0 - 60	2166	97
	0 - 90	2232	100
	0-180	2232	100

4PR-TL-L20/9DW-DIM-UNV-LN-OF-WH Total Luminaire Output: 2216 lumens; 37.7 Watts | Efficacy: 58.8 lm/W | 95.0 CRI; 3000K CCT



CANDLEPOWER DISTRIBUTION	VERTICAL ANGLE	HORIZONTAL ANGLE	ZONAL LUMENS
		0°	
	0	7437	
	5	6716	586
	15	3147	860
	25	841	404
	35	233	154
	45	110	86
	55	66	60
	65	40	39
	75	20	21
	85	5	6
	90	1	

LUMEN SUMMARY	ZONE	LUMENS	% FIXTURE
	0 - 40	2004	90
	0 - 60	2150	97
	0 - 90	2216	100
	0-180	2216	100

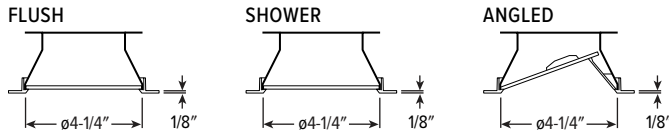


4PR dim to WARM 4.5" Shallow Plenum Downlight – Round

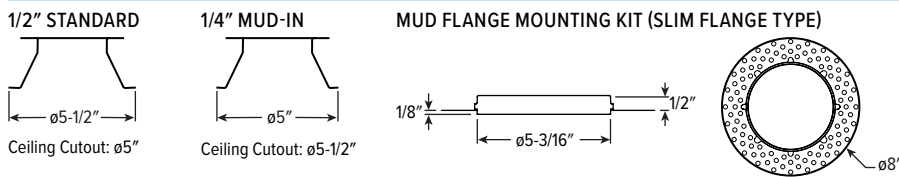
TRIMLOCK DETAILS



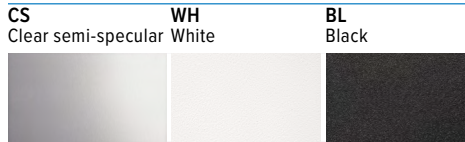
TRIM TYPE DETAILS



FLANGE TYPE DETAILS

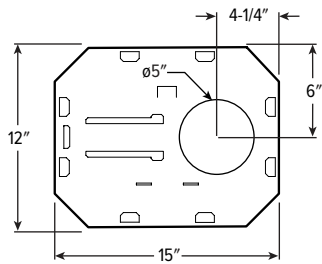


REFLECTOR FINISH DETAILS

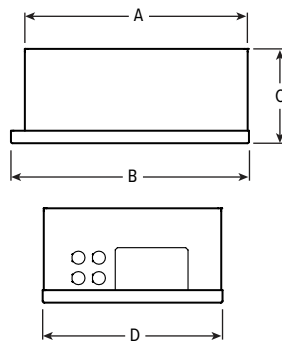


MOUNTING TYPE DETAILS

NEW CONSTRUCTION

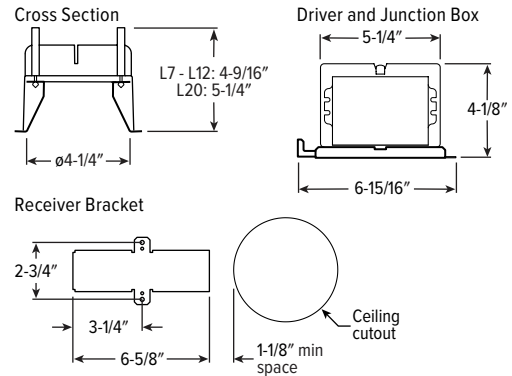


IC-RATED



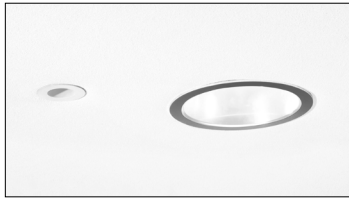
LUMENS	LENGTH			
	A	B	C	D
L7	15-1/16"	16"	4-1/2"	12-1/8"
L12	15-1/16"	16"	6-3/8"	12-1/8"

REMODEL

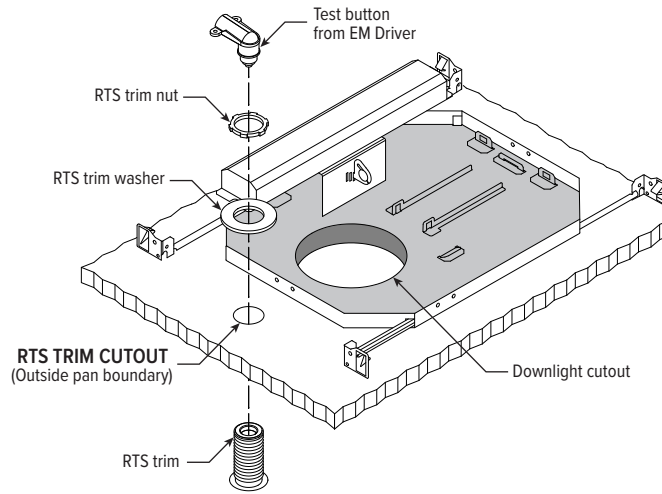


4PR dim to WARM 4.5" Shallow Plenum Downlight – Round

EM/10W/RTS DETAILS

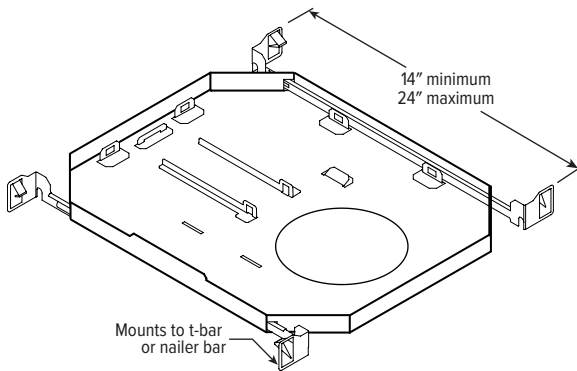


Shown Installed

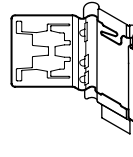


MOUNTING HARDWARE DETAILS

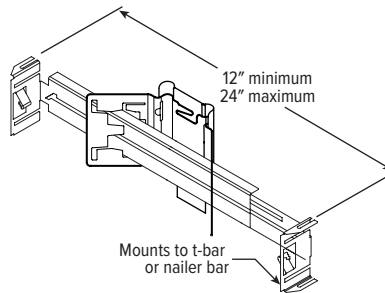
F1 Integral 2-position fixed pan bracket, universal bar hanger included



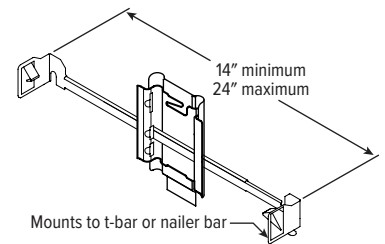
BA1 Adjustable butterfly pan bracket, bar hanger not included (N Mounting Type only)



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)

