

8DR dim to WARM 8" Downlight – Round

FEATURES

- Create a comfortable, welcoming ambiance using warm dimming technology to provide intimate lighting
- Beam angles ranging from 35° narrow to 65° wide for tailored performance
- Open reflector with nine finishes complement interior style
- Contemporary design provides glare-free illumination for a soft ceiling appearance
- New construction mounting pan, IC-rated, or pan-less remodel kit available
- Sloped adapter accommodates vaulted ceilings
- Easily adjust mounting arms below ceiling to adapt to a range of ceiling thicknesses

SPECIFICATIONS

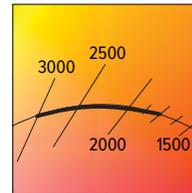
- HOUSING – Die-cast aluminum trim housing with forged aluminum heat sink. Galvanized steel splice compartment with driver mounting plate/enclosure. Swing-out mounting arms field adjust for ceiling thickness from 1/2" –1-7/16". See Options for additional ceiling thicknesses.
- OPEN REFLECTOR – Low-iridescent anodized aluminum with 1/2" flange. Clear semi-specular finish standard.
- 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 dry and 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.

FIXTURE PERFORMANCE DATA

	CCT AT 100% (FULL OUTPUT)	CCT AT 1% (FULL DIM)	DISTRIBUTION	DELIVERED LUMENS	WATTAGE	EFFICACY (lm/W)
L6	3000K	1800K	W	643	13.6	47.3
			M	637	13.6	46.8
			N	584	13.6	42.9
L11			W	1128	23.2	48.6
			M	1117	23.2	48.1
			N	1023	23.2	44.1
L18			W	1847	37.0	49.9
			M	1829	37.0	49.4
			N	1676	37.0	45.3

MULTIPLIER TABLES

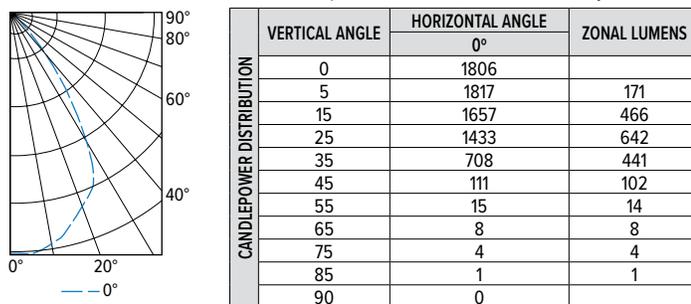
REFLECTOR FINISH	
CATALOG NUMBER	CONVERSION FACTOR
CS	1.00
SG ¹	0.92
GD	0.93
CG	0.96
PW	0.86
SPC	1.02
RG	0.88
WH ¹	0.89
BL ¹	0.47



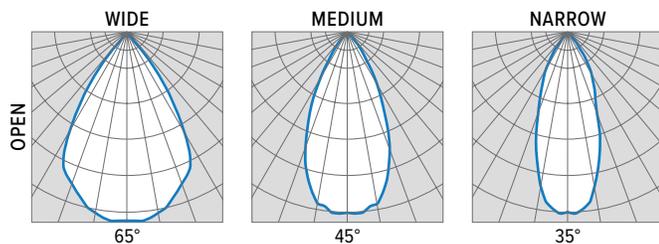
- ¹ Distribution will also be affected, consult factory.
- Photometrics tested in accordance with IESNA LM-79. Results shown are based on 25°C ambient temperature.
 - Wattage shown is based on 120V input.
 - Results based on 3000K/95CRI, actual lumens may vary +/-5%.
 - Use multiplier tables to calculate additional options.

PHOTOMETRY

8DR-L18/9DW-OW-CS Total Luminaire Output: 1847 lumens; 37 Watts | Efficacy: 50 lm/W | 95 CRI; 3000K CCT

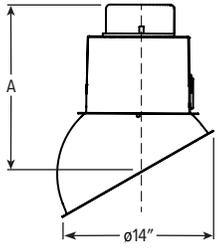


LUMEN SUMMARY	ZONE	LUMENS	% FIXTURE
	0 - 40	1719	93
	0 - 60	1835	99
	0 - 90	1847	100
	0 - 180	1847	100



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SLOPED CEILING ADAPTOR DETAILS



Ceiling cutout: ø14-3/8"

A (HEIGHT)						PLENUM HEIGHT
5°	10°	15°	20°	25°	30°	
13-5/16"	13-3/8"	13-5/16"	13-3/16"	13"	12-5/8"	13-3/4"

30° Shown

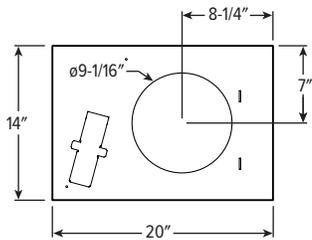
REFLECTOR FINISH DETAILS



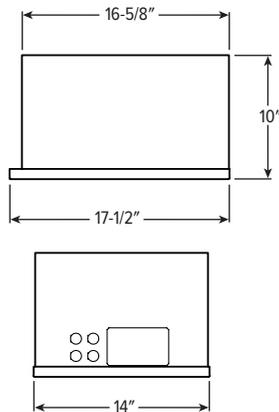
MOUNTING TYPE DETAILS

Ceiling cutout 9-1/16" for all mounting types.

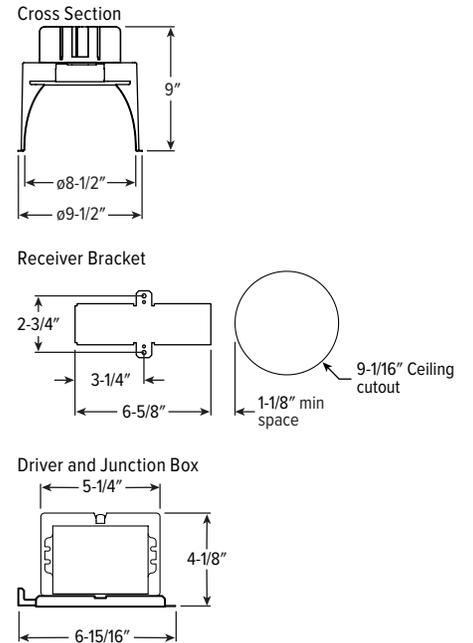
NEW CONSTRUCTION



IC-RATED



REMODEL



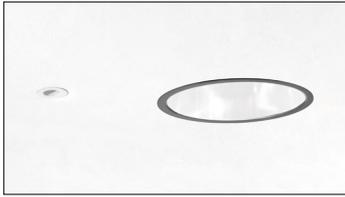
APERTURE ADAPTOR ORDERING INFO

ORDERING EXAMPLE: 4DR - GR - 0575 - WHT			
SERIES	CATALOG NUMBER	CEILING CUTOUT	FINISH
4AR 6AR 4DR 6DR 4DS 6DS 4PR 6PR 4PS 6PS 8DR	GR	Specify ceiling cutout in 1/8" increments. Example: 5.75" = 0575 See Kit Components for application limits.	CS Clear semi-specular powder coat
			WH White texture powder coat
			BL Black texture powder coat

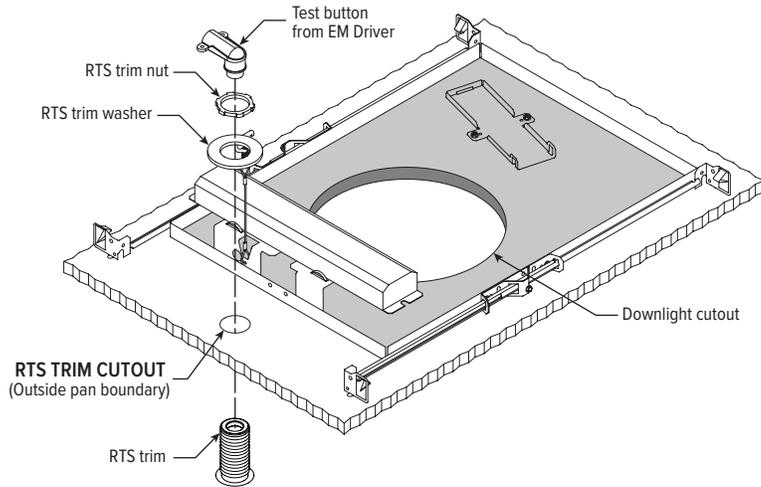
Additional finishes available, consult factory. For use with remodel downlights. For limitations and instructions, see hew.com/aperture-adaptor.pdf

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EM/10W/RTS DETAILS

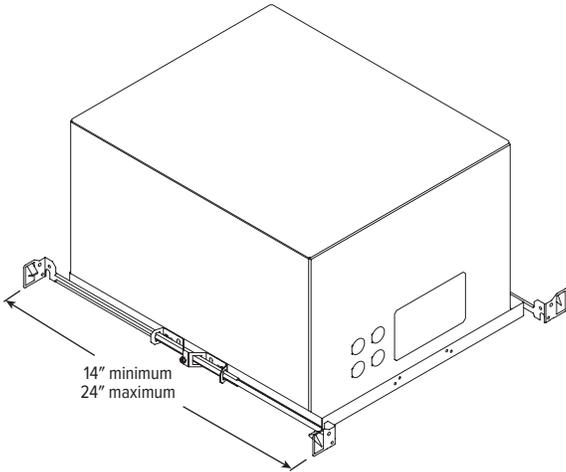
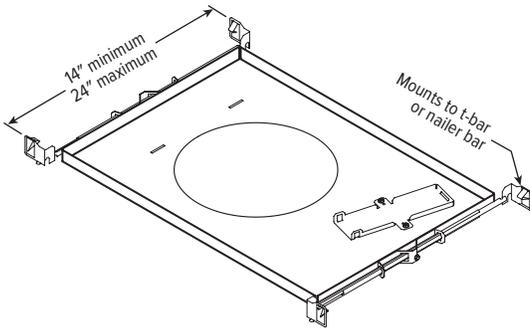


Shown Installed



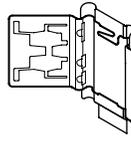
MOUNTING HARDWARE DETAILS

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

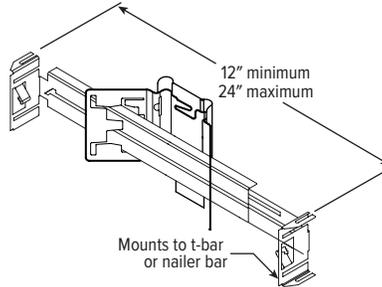


F1 with I Mounting Type

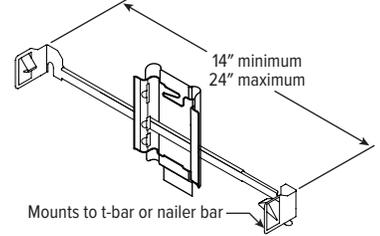
BA1 Adjustable butterfly pan bracket, bar hanger not included (N Mounting Type only)



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)

