



# 8DR LED 8" High Output Downlight – Round

## FIXTURE PERFORMANCE DATA

LED PACKAGE	DISTRIBUTION	DELIVERED LUMENS	WATTAGE	EFFICACY (lm/W)
L40	W	4345	72	60.3
	M	4301		59.7
	N	3764		52.2
L60	W	6518	108	60.4
	M	6451		59.7
	N	5645		52.2
L80	W	8690	144	60.3
	M	8602		59.7
	N	7527		52.2
L100	W	10863	180	60.4
	M	10752		59.7
	N	9409		52.2

- Photometrics tested in accordance with IESNA LM-79. Results shown are based on 25°C ambient temperature.
- Wattage shown based on 120V input.
- Results based on 3500K, 80 CRI, actual lumens may vary +/-5%
- Use multiplier table to calculate additional options.

## MULTIPLIER TABLES

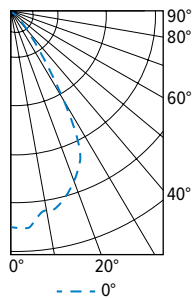
80 CRI	COLOR TEMPERATURE	
	CCT	CONVERSION FACTOR
	2700K	0.95
	3000K	0.96
	3500K	1.00
4000K	1.01	

90 CRI	CCT	CONVERSION FACTOR
	2700K	0.74
	3000K	0.85
	3500K	0.90
4000K	0.91	

REFLECTOR FINISH		
CATALOG NUMBER	REFLECTOR FINISH	CONVERSION FACTOR
SPC	Specular	100.0
CS	Clear semi-specular	0.98
SG	Satin-glow	0.81
GD	Gold	0.95
CG	Champagne Gold	0.94
PW	Pewter	0.84
RG	Rose Gold	0.86
WH	White, textured	0.88
BL	Black, textured	0.77

## PHOTOMETRY

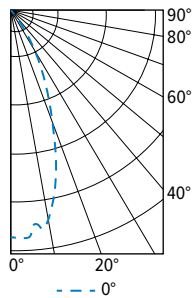
**8DR-L100/835-OW-SPC** Report #: ATAL011607; 12/11/15 | Total Luminaire Output: 10863 lumens; 180.1 Watts | Efficacy: 60.3lm/W | 83.2 CRI; 3501K CCT | Spacing Criteria: 1.0



CANDLEPOWER DISTRIBUTION	VERTICAL ANGLE	HORIZONTAL ANGLE	ZONAL LUMENS
		0°	
	0	10777	
	5	10830	1007
	15	9752	2745
	25	8636	3862
	35	4278	2658
	45	585	553
	55	20	22
	65	9	9
	75	4	5
85	1	1	
90	0		

LUMEN SUMMARY	ZONE	LUMENS	% FIXTURE
	0 - 30	7614	70
	0 - 40	10272	95
	0 - 60	10847	99
	0 - 90	10863	100
	0 - 180	10863	100

**8DR-L100/835-OM-SPC** Report #: ATAL011609; 12/11/15 | Total Luminaire Output: 10752 lumens; 180.0 Watts | Efficacy: 59.7 lm/W | 83.2 CRI; 3506K CCT | Spacing Criteria: .7

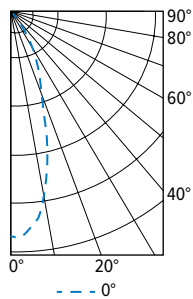


CANDLEPOWER DISTRIBUTION	VERTICAL ANGLE	HORIZONTAL ANGLE	ZONAL LUMENS
		0°	
	0	16775	
	5	16800	1563
	15	13867	3824
	25	7468	3445
	35	2437	1592
	45	333	309
	55	9	11
	65	5	5
	75	2	2
85	1	1	
90	0		

LUMEN SUMMARY	ZONE	LUMENS	% FIXTURE
	0 - 30	8831	82
	0 - 40	10424	97
	0 - 60	10744	99
	0 - 90	10752	100
	0 - 180	10752	100

## PHOTOMETRY

**8DR-L100/835-ON-SPC** Report #: ATAL011610; 12/11/15 | Total Luminaire Output: 9409 lumens; 180.1 Watts | Efficacy: 52.2 lm/W | 83.2 CRI; 3506K CCT | Spacing Criteria: .6



CANDLEPOWER DISTRIBUTION	VERTICAL ANGLE	HORIZONTAL ANGLE	ZONAL LUMENS
		0°	
	0	18330	
	5	17826	1641
	15	11928	3267
	25	5623	2621
	35	2455	1534
	45	371	333
	55	7	9
	65	3	3
	75	1	1
85	0	0	
90	0		

LUMEN SUMMARY	ZONE	LUMENS	% FIXTURE
	0 - 30	7529	80
	0 - 40	9063	96
	0 - 60	9405	99
	0 - 90	9409	100
	0 - 180	9409	100



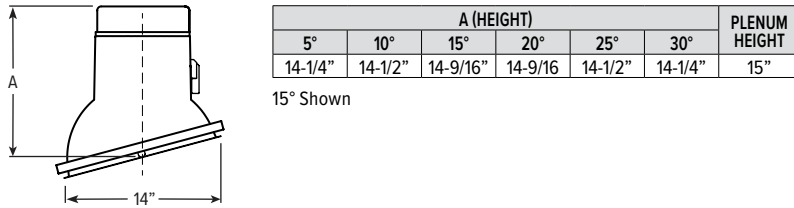
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## ADDITIONAL DRIVER OPTIONS

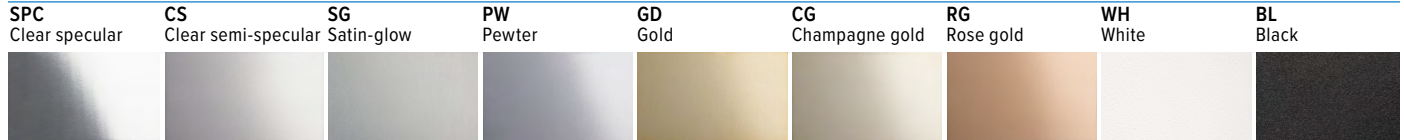
Lumen restrictions apply and 347V may require stepdown transformer, see product builder at hew.com.

CATALOG NUMBER	DESCRIPTION
<b>DIM</b>	Dimming driver prewired for 0-10V low voltage applications
<b>DIM1</b>	1% dimming driver prewired for 0-10V low voltage applications
<b>DMX</b>	0.1% dimming driver for DMX controls
<b>LTE LINE</b>	Lutron Hi-Lume® A-Series 1% dimming driver for forward phase line voltage controls (120V only)
<b>LDE1</b>	Lutron EcoSystem® H-Series 1% dimming driver for EcoSystem® controls
<b>LDE5</b>	Lutron EcoSystem® 5-Series 5% dimming driver for EcoSystem® controls
<b>ELDO SOLOB</b>	EldoLED Solodrive, 0.1% dimming driver for 0-10V controls
<b>ELDO SOLOB DALI</b>	EldoLED Solodrive, 0.1% dimming driver for DALI controls
<b>ELDO ECO1</b>	EldoLED Ecodrive, 1% dimming driver for 0-10V controls
<b>ELDO ECO1 DALI</b>	EldoLED Ecodrive, 1% dimming driver for DALI controls
<b>SD</b>	Fixture prewired for step dimming applications

## SLOPED CEILING ADAPTOR DETAILS

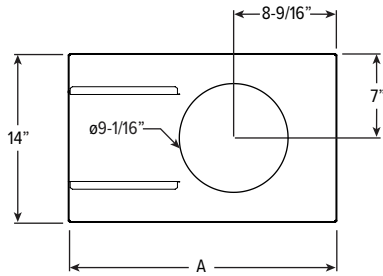


## REFLECTOR FINISH DETAILS

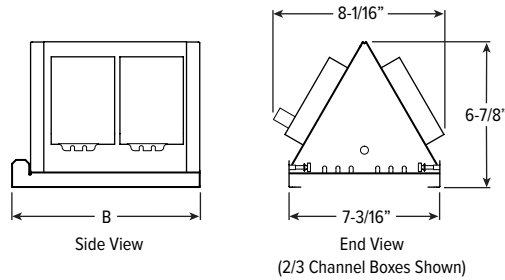


## MOUNTING TYPE DETAILS

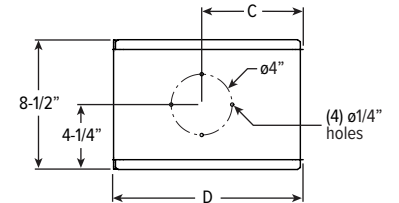
### NEW CONSTRUCTION



### DRIVER & JUNCTION BOX (REMODEL & NEW CONSTRUCTION)



### REMODEL RECEIVER BRACKET



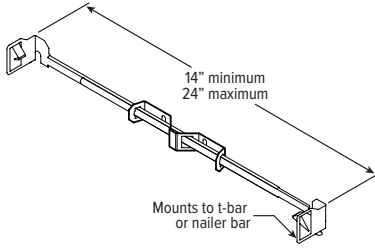
LUMENS	LENGTH			
	A	B	C	D
L40 & L60	22-5/16"	9-1/4"	5-1/16"	9-5/16"
L80 & L100	25-1/2"	12-7/16"	6-11/16"	12-1/2"



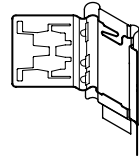
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## MOUNTING HARDWARE DETAILS

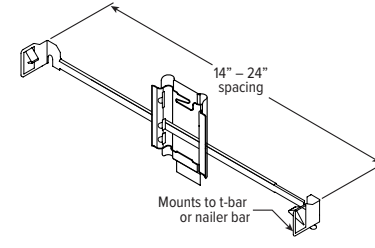
**F1** 2-Position fixed pan bracket, universal bar hanger included



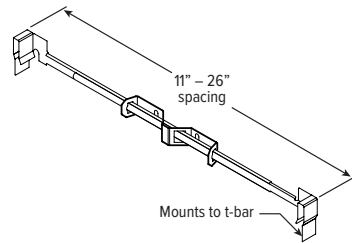
**BA1** Adjustable butterfly pan bracket, bar hanger not included



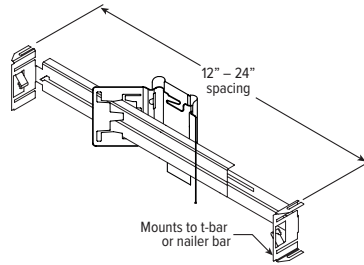
**CA1** Adjustable caterpillar pan bracket, universal bar hanger included



**F2** 2-Position fixed pan bracket, t-bar bar hanger included



**BA2** Adjustable butterfly pan bracket, heavy-duty universal bar hanger included



**CA2** Adjustable caterpillar pan bracket, t-bar hanger included

