

4AR tunable WHITE

4.5" Adjustable Downlight – Round

FIXTURE PERFORMANCE DATA

OPEN REFLECTOR TRIM TYPE

LED PACKAGE	DISTRIBUTION	DELIVERED LUMENS	WATTAGE	EFFICACY (lm/W)
L11	W	713	14.6	49.0
	M	990	14.6	68.0
L16	W	1231	24.0	51.2
	M	1652	24.0	68.7
L30	W	2488	46.7	53.3
	M	3339	46.7	71.5

FLUSH LENS TRIM TYPE

LED PACKAGE	DISTRIBUTION	DELIVERED LUMENS	WATTAGE	EFFICACY (lm/W)
L11	W	710	14.6	45.8
	M	960	14.6	61.2
	N	965	14.6	66.1
L16	W	1266	24.0	46.8
	M	1650	24.0	61.8
	N	1643	24.0	66.3
L30	W	2560	46.7	48.7
	M	3336	46.7	64.3
	N	3321	46.7	69.0

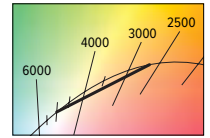
ANGLED LENS TRIM TYPE

LED PACKAGE	DISTRIBUTION	DELIVERED LUMENS	WATTAGE	EFFICACY (lm/W)
L11	W	506	14.6	36.6
	M	741	14.6	50.9
	N	900	14.6	62.2
L16	W	923	24.0	37.3
	M	1261	24.0	55.1
	N	1416	24.0	59.6
L30	W	1867	46.7	38.8
	M	2550	46.7	57.4
	N	2863	46.7	62.0

MULTIPLIER TABLE

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

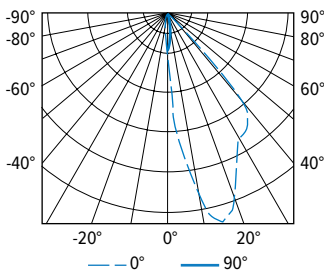
OPEN REFLECTOR FINISH		
CATALOG NUMBER	REFLECTOR FINISH	CONVERSION FACTOR
CS	Clear semi-specular	1.00
WH	White, textured	0.89
BL	Black, textured	0.79



- 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, 0° tilt, actual lumens may vary +/-5%
- Use multiplier tables to calculate additional options.

PHOTOMETRY

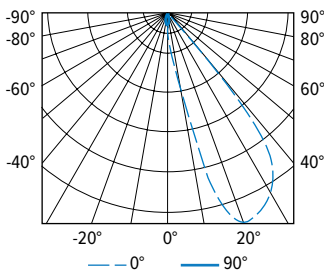
4AR-L11/8TW-DIM-UNV-OW-OF-CS (25° tilt) Total Luminaire Output: 778 lumens; 14.6 Watts | Efficacy: 53.3 lm/W | 80 CRI; 4037K CCT



VERTICAL ANGLE	HORIZONTAL ANGLE					ZONAL LUMENS
	0°	45°	90°	135°	180°	
0	452	452	452	452	452	
5	1372	962	375	155	112	56
15	2482	1356	145	35	23	183
25	1869	1235	37	10	8	244
35	1618	569	7	4	6	229
45	334	17	3	2	2	64
55	3	0	0	0	2	1
65	1	0	0	0	0	0
75	0	0	0	0	0	0
85	0	0	0	0	0	0
90	0	0	0	0	0	0

LUMEN SUMMARY	ZONE	LUMENS	% FIXTURE
	0 - 40	483	62
	0 - 60	712	91
	0 - 90	778	100
	0 - 180	778	100

4AR-L11/8TW-DIM-UNV-OM-OF-CS (25° tilt) Total Luminaire Output: 963 lumens; 14.6 Watts | Efficacy: 66.0 lm/W | 80 CRI; 4037K CCT



VERTICAL ANGLE	HORIZONTAL ANGLE					ZONAL LUMENS
	0°	45°	90°	135°	180°	
0	236	236	236	236	236	
5	670	446	209	113	92	32
15	3376	832	105	35	20	191
25	3867	846	40	7	6	356
35	3195	363	6	0	0	321
45	368	18	0	0	0	63
55	3	0	0	0	0	1
65	0	0	0	0	0	0
75	0	0	0	0	0	0
85	0	0	0	0	0	0
90	0	0	0	0	0	0

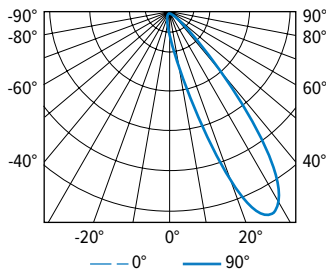
LUMEN SUMMARY	ZONE	LUMENS	% FIXTURE
	0 - 40	899	93
	0 - 60	963	100
	0 - 90	963	100
	0 - 180	963	100



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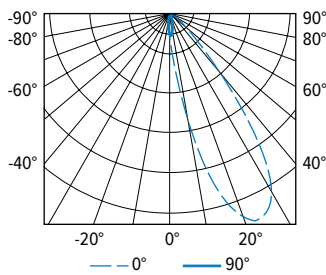
4AR-L11/8TW-DIM-UNV-LN-OF-WH (25° tilt) Total Luminaire Output: 965 lumens; 14.6 Watts | Efficacy: 66.1 lm/W | 80 CRI; 4037K CCT



VERTICAL ANGLE	HORIZONTAL ANGLE					ZONAL LUMENS
	0°	45°	90°	135°	180°	
0	163	163	163	163	163	
5	466	354	159	81	69	24
15	2021	781	98	38	37	142
25	3635	832	46	31	34	315
35	2643	420	22	24	29	291
45	770	113	14	22	30	129
55	188	30	10	19	28	41
65	32	12	7	14	21	16
75	9	4	3	6	11	6
85	0	0	0	0	0	1
90	0	0	0	0	0	

LUMEN SUMMARY	ZONE	LUMENS	% FIXTURE
	0 - 40	772	80
	0 - 60	942	98
	0 - 90	965	100
	0 - 180	965	100

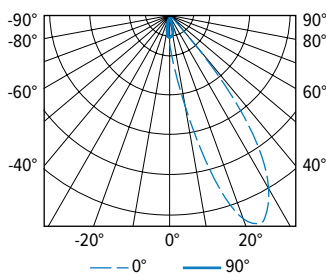
4AR-L11/8TW-DIM-UNV-LM-OF-WH (25° tilt) Total Luminaire Output: 929 lumens; 14.6 Watts | Efficacy: 63.6 lm/W | 80 CRI; 4037K CCT



VERTICAL ANGLE	HORIZONTAL ANGLE					ZONAL LUMENS
	0°	45°	90°	135°	180°	
0	284	284	284	284	284	
5	703	539	267	146	118	36
15	2286	990	164	65	56	169
25	2983	958	77	45	49	299
35	1957	423	40	45	55	247
45	548	105	29	46	59	106
55	98	31	22	38	49	41
65	24	13	13	25	33	21
75	9	5	6	11	16	9
85	1	0	0	0	1	1
90	0	0	0	0	0	

LUMEN SUMMARY	ZONE	LUMENS	% FIXTURE
	0 - 40	751	81
	0 - 60	898	97
	0 - 90	929	100
	0 - 180	929	100

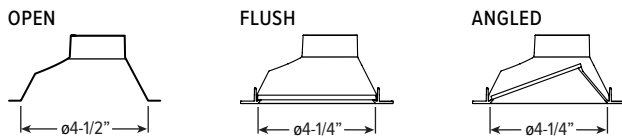
4AR-L11/8TW-DIM-UNV-AM-OF-WH (25° tilt) Total Luminaire Output: 780 lumens; 14.6 Watts | Efficacy: 53.4 lm/W | 80 CRI; 4037K CCT



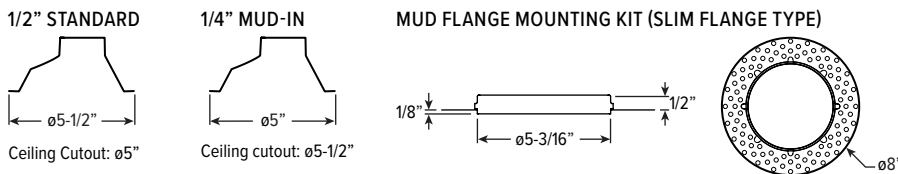
VERTICAL ANGLE	HORIZONTAL ANGLE					ZONAL LUMENS
	0°	45°	90°	135°	180°	
0	253	253	253	253	253	
5	651	451	243	128	92	32
15	2198	919	141	43	29	157
25	3001	830	53	21	18	279
35	1894	304	24	22	24	216
45	384	54	18	21	23	71
55	38	12	13	15	15	17
65	10	7	6	6	4	6
75	3	2	0	0	1	1
85	0	0	0	0	0	0
90	0	0	0	0	0	

LUMEN SUMMARY	ZONE	LUMENS	% FIXTURE
	0 - 40	684	88
	0 - 60	772	99
	0 - 90	780	100
	0 - 180	780	100

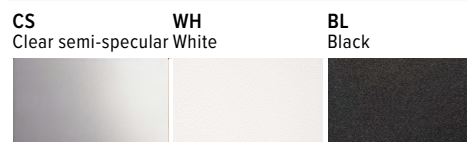
TRIM TYPE DETAILS



FLANGE TYPE DETAILS



REFLECTOR FINISH DETAILS

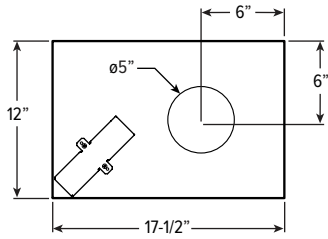


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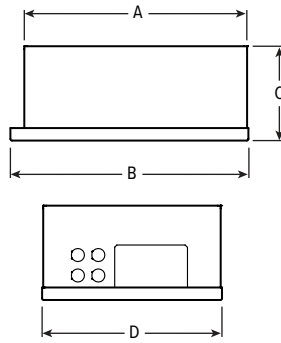
4.5" Adjustable Downlight – Round

MOUNTING TYPE DETAILS

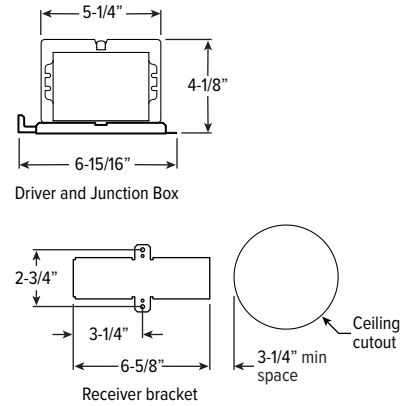
NEW CONSTRUCTION



IC-RATED



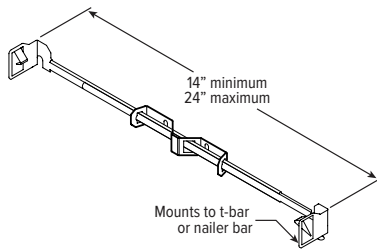
REMODEL



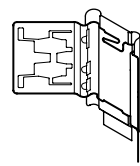
LUMENS	LENGTH			
	A	B	C	D
L11 - L16	15-3/16"	16"	6-3/8"	12-1/8"

MOUNTING HARDWARE DETAILS

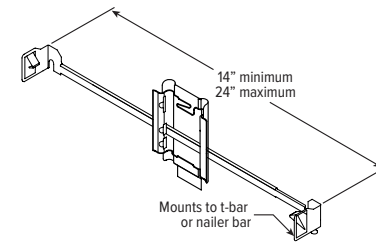
F1 2-Position fixed pan bracket, universal bar hanger included



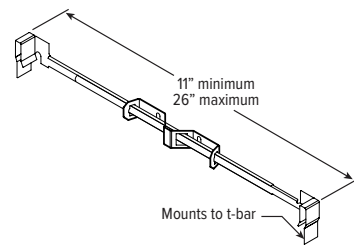
BA1 Adjustable butterfly pan bracket, bar hanger not included



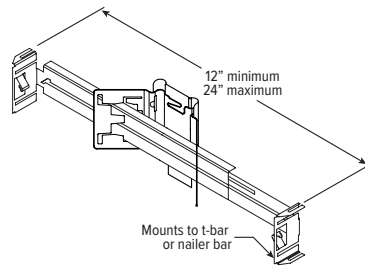
CA1 Adjustable caterpillar pan bracket, universal bar hanger included



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

