



# 4AR dim to WARM

## 4.5" Adjustable Downlight – Round

### FIXTURE PERFORMANCE DATA

#### OPEN REFLECTOR TRIM TYPE

LED PACKAGE	DISTRIBUTION	DELIVERED LUMENS	CCT AT 100% (FULL OUTPUT)	CCT AT 1% (FULL DIM)	WATTAGE	EFFICACY (lm/W)
L7	W	466	3000K	1800K	14.0	37.3
	M	648			14.0	46.1
L12	W	818			23.4	35.0
	M	1136			23.4	48.6
L20	W	1339			37.7	35.5
	M	1860			37.7	49.4

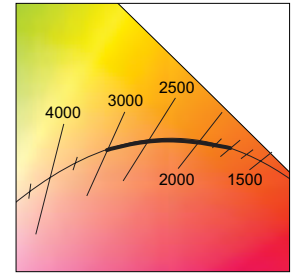
#### FLUSH LENS TRIM TYPE

LED PACKAGE	DISTRIBUTION	DELIVERED LUMENS	CCT AT 100% (FULL OUTPUT)	CCT AT 1% (FULL DIM)	WATTAGE	EFFICACY (lm/W)
L7	W	462	3000K	1800K	14.0	33.0
	M	625			14.0	44.7
	N	656			14.0	46.8
L12	W	811			23.4	34.7
	M	1096			23.4	46.9
	N	1149			23.4	49.2
L20	W	1327	37.7	35.2		
	M	1796	37.7	47.7		
	N	1882	37.7	50.0		

#### ANGLED LENS TRIM TYPE

LED PACKAGE	DISTRIBUTION	DELIVERED LUMENS	CCT AT 100% (FULL OUTPUT)	CCT AT 1% (FULL DIM)	WATTAGE	EFFICACY (lm/W)
L7	W	330	3000K	1800K	14.0	23.6
	M	483			14.0	34.5
	N	586			14.0	41.9
L12	W	578			23.4	24.7
	M	846			23.4	36.2
	N	1027			23.4	44.0
L20	W	947	37.7	25.1		
	M	1386	37.7	36.8		
	N	1682	37.7	44.7		

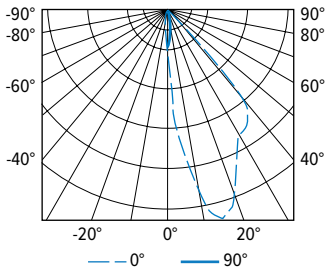
OPEN REFLECTOR FINISH		
CATALOG NUMBER	REFLECTOR FINISH	CONVERSION FACTOR
CS	Clear semi-specular	1.00
WH	White, textured	0.89
BL	Black, textured	0.79



- 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 3000K, 95 CRI, full output, 0° tilt, actual lumens may vary +/-5%
- Use multiplier table to calculate additional options.

### PHOTOMETRY

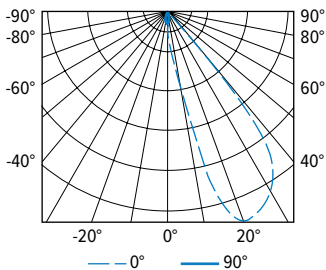
**4AR-L20/9DW-DIM-UNV-OW-OF-CS (25° tilt)** Total Luminaire Output: 1355 lumens; 37.7 Watts | Efficacy: 35.9 lm/W | 95.0 CRI; 3000K CCT



VERTICAL ANGLE	HORIZONTAL ANGLE					ZONAL LUMENS
	0°	45°	90°	135°	180°	
0	788	788	788	788	788	
5	2389	1675	653	270	195	97
15	4321	2360	253	61	40	319
25	3255	2150	64	17	15	425
35	2817	991	12	8	11	399
45	582	30	5	4	3	112
55	6	0	0	0	3	2
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	1240	92
	0 - 60	1354	100
	0 - 90	1355	100
	0 - 180	1355	100

**4AR-L20/9DW-DIM-UNV-OM-OF-CS (25° tilt)** Total Luminaire Output: 1677 lumens; 37.7 Watts | Efficacy: 44.5 lm/W | 95.0 CRI; 3000K CCT



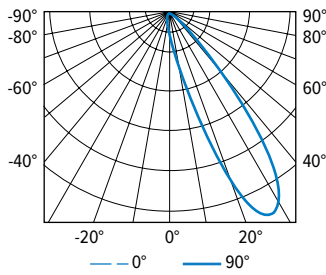
VERTICAL ANGLE	HORIZONTAL ANGLE					ZONAL LUMENS
	0°	45°	90°	135°	180°	
0	410	410	410	410	410	
5	1166	777	365	197	161	55
15	5878	1449	183	60	35	332
25	6732	1472	69	13	11	621
35	5563	632	10	0	0	558
45	641	32	0	0	0	109
55	6	0	0	0	0	2
65	0	0	0	0	0	0
75	0	0	0	0	0	0
85	0	0	0	0	0	0
90	0	0	0	0	0	0

LUMEN SUMMARY	ZONE	LUMENS	% FIXTURE
	0 - 40	1566	93
	0 - 60	1677	100
	0 - 90	1677	100
	0 - 180	1677	100



# 4AR dim to **WARM** 4.5" Adjustable Downlight – Round

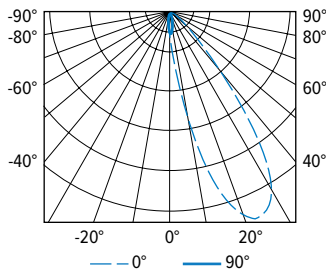
4AR-L20/9DW-DIM-UNV-LN-OF-CS (25° tilt) Total Luminaire Output: 1806 lumens; 37.7 Watts | Efficacy: 47.9 lm/W | 95.0 CRI; 4037K CCT



VERTICAL ANGLE	HORIZONTAL ANGLE					ZONAL LUMENS
	0°	45°	90°	135°	180°	
0	306	306	306	306	306	
5	871	663	297	152	129	45
15	3783	1461	184	71	69	266
25	6802	1557	86	58	64	589
35	4947	786	42	45	55	544
45	1442	212	26	41	56	242
55	353	57	19	36	52	77
65	61	22	13	25	40	30
75	18	8	6	12	21	12
85	0	0	0	0	0	1
90	0	0	0	0	0	

LUMEN SUMMARY	ZONE	LUMENS	% FIXTURE
	0 - 40	1444	80
	0 - 60	1764	98
	0 - 90	1806	100
	0 - 180	1806	100

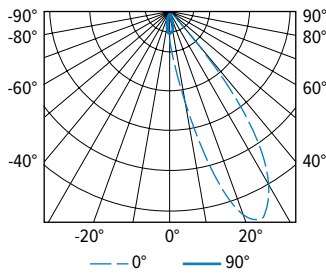
4AR-L20/9DW-DIM-UNV-LM-OF-WH (25° tilt) Total Luminaire Output: 1618 lumens; 37.7 Watts | Efficacy: 42.9 lm/W | 95.0 CRI; 3000K CCT



VERTICAL ANGLE	HORIZONTAL ANGLE					ZONAL LUMENS
	0°	45°	90°	135°	180°	
0	494	494	494	494	494	
5	1224	939	464	254	206	63
15	3980	1723	286	113	98	295
25	5194	1668	134	79	85	521
35	3408	736	69	78	96	429
45	954	182	51	81	103	185
55	171	55	39	66	85	72
65	42	22	23	44	58	36
75	16	9	10	20	27	16
85	2	0	0	0	1	2
90	0	0	0	0	0	

LUMEN SUMMARY	ZONE	LUMENS	% FIXTURE
	0 - 40	1308	81
	0 - 60	1564	97
	0 - 90	1618	100
	0 - 180	1618	100

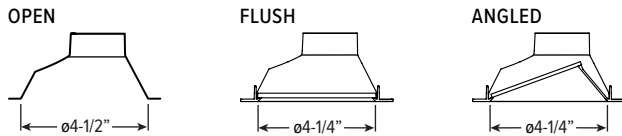
4AR-L20/9DW-DIM-UNV-AN-OF-WH (25° tilt) Total Luminaire Output: 1666 lumens; 37.7 Watts | Efficacy: 44.2 lm/W | 95.0 CRI; 3000K CCT



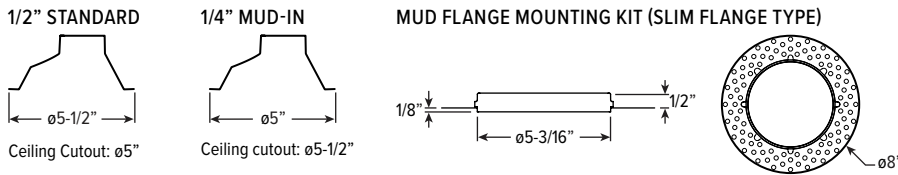
VERTICAL ANGLE	HORIZONTAL ANGLE					ZONAL LUMENS
	0°	45°	90°	135°	180°	
0	297	297	297	297	297	
5	760	621	286	148	119	41
15	3522	1261	168	60	51	246
25	7094	1333	70	36	36	563
35	5685	624	31	25	26	550
45	1638	137	17	20	23	216
55	215	18	10	14	17	42
65	18	6	4	6	6	7
75	4	0	0	0	3	1
85	0	0	0	0	0	0
90	0	0	0	0	0	

LUMEN SUMMARY	ZONE	LUMENS	% FIXTURE
	0 - 40	1400	84
	0 - 60	1658	99
	0 - 90	1666	100
	0 - 180	1666	100

## TRIM TYPE DETAILS



## FLANGE TYPE DETAILS



## REFLECTOR FINISH DETAILS

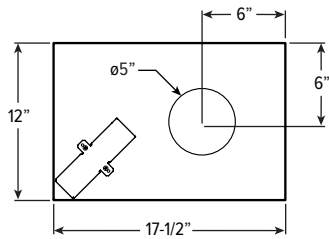


# 4AR dim to WARM

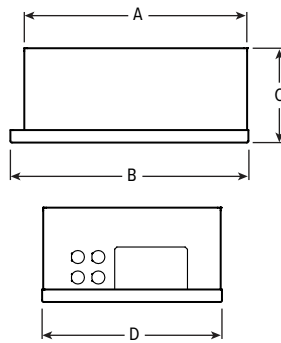
## 4.5" Adjustable Downlight – Round

### MOUNTING TYPE DETAILS

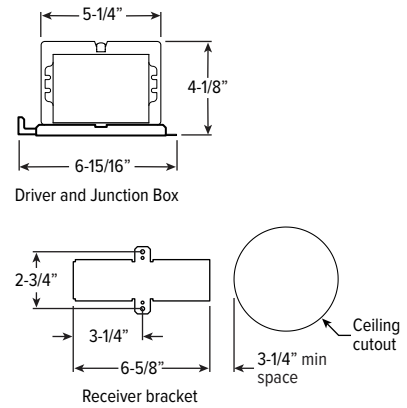
#### NEW CONSTRUCTION



#### IC-RATED



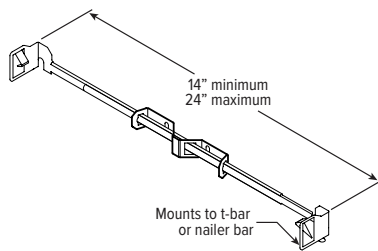
#### REMODEL



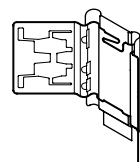
LUMENS	LENGTH			
	A	B	C	D
L7 - L12	15-3/16"	16"	6-3/8"	12-1/8"
L20	16-5/8"	17-1/2"	7-7/8"	14"

### MOUNTING HARDWARE DETAILS

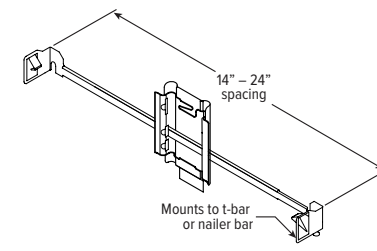
**F1** 2-Position fixed pan bracket, universal bar hanger included



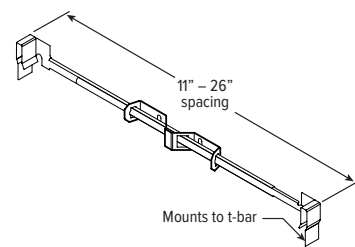
**BA1** Adjustable butterfly pan bracket, bar hanger not included



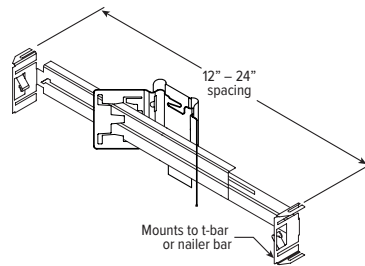
**CA1** Adjustable caterpillar pan bracket, universal bar hanger included



**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

