

V6DR PoE | tunable WHITE

6" Vandal-Resistant Downlight – Round

FIXTURE PERFORMANCE DATA

STANDARD

FLUSH LENS TRIM TYPE

	DIST.	DELIVERED LUMENS	WATTAGE	EFFICACY (lm/W)
P13	W	1344	12.3	109.7
	M	1449	12.3	118.3
	N	1457	12.3	119.0
P25	W	2454	25.0	98.2
	M	2645	25.0	105.8
	N	2661	25.0	106.4

REGRESSED LENS TRIM TYPE

	DIST.	DELIVERED LUMENS	WATTAGE	EFFICACY (lm/W)
P13	W	1301	12.3	106.2
	M	1409	12.3	115.0
	N	1420	12.3	115.9
P25	W	2375	25.0	95.0
	M	2573	25.0	103.9
	N	2593	25.0	103.7

TUNABLE WHITE

FLUSH LENS TRIM TYPE

	DIST.	DELIVERED LUMENS	WATTAGE	EFFICACY (lm/W)
P13	W	1120	12.3	91.4
	M	1207	12.3	98.6
	N	1215	12.3	99.2
P25	W	2273	25.0	90.9
	M	2450	25.0	98.0
	N	2464	25.0	98.6

REGRESSED LENS TRIM TYPE

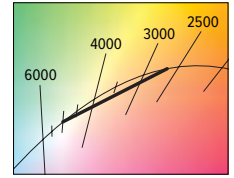
	DIST.	DELIVERED LUMENS	WATTAGE	EFFICACY (lm/W)
P13	W	1084	12.3	88.5
	M	1175	12.3	95.9
	N	1184	12.3	96.6
P25	W	2200	25.0	88.0
	M	2383	25.0	95.3
	N	2402	25.0	96.1

MULTIPLIER TABLES

	COLOR TEMPERATURE		
	CCT	LUMENS	
		STANDARD	TUNABLE WHITE
80 CRI	2700K	0.92	0.83
	3000K	0.98	1.00
	3500K	1.00	0.99
	4000K	1.01	1.00
	5000K	1.02	0.98

90 CRI	2700K	0.76	–
	3000K	0.79	–
	3500K	0.82	–
	4000K	0.84	–
5000K	0.88	–	

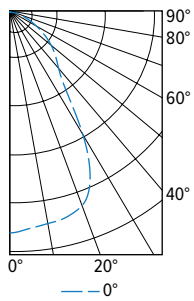
TRIM	
CATALOG NUMBER	CONVERSION FACTOR
AD	0.85
PD	0.85



- Photometrics tested in accordance with IESNA LM-79. Results shown are based on 25°C ambient temperature.
- Standard results based on 3500K/80 CRI, actual lumens may vary +/-5%
- Tunable white results based on 4000K/80 CRI, actual lumens may vary +/-5%
- Use multiplier tables to calculate additional options.

PHOTOMETRY

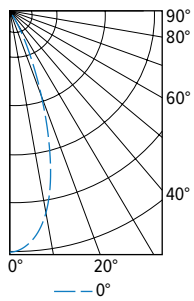
V6DR-P13/835-POE N-LW-OF-WH Total Luminaire Output: 1344 lumens; 12.3 Watts | Efficacy: 109.7 lm/W | 80 CRI; 3500K CCT



CANDLEPOWER DISTRIBUTION	VERTICAL ANGLE	HORIZONTAL ANGLE	ZONAL LUMENS
		0°	
	0	855	
	5	841	80
	15	821	231
	25	708	236
	35	362	187
	45	242	146
	55	163	91
	65	91	44
	75	41	11
	85	9	0
	90	0	

LUMEN SUMMARY	ZONE	LUMENS	% FIXTURE
	0 - 40	865	64
	0 - 60	1198	89
	0 - 90	1344	100
	0 - 180	1344	100

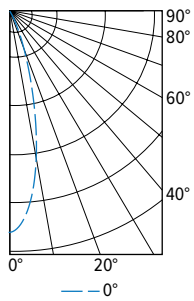
V6DR-P13/835-POE N-LM-OF-WH Total Luminaire Output: 1449 lumens; 12.3 Watts | Efficacy: 118.3 lm/W | 80 CRI; 3500K CCT



CANDLEPOWER DISTRIBUTION	VERTICAL ANGLE	HORIZONTAL ANGLE	ZONAL LUMENS
		0°	
	0	3422	
	5	3288	301
	15	2152	579
	25	668	319
	35	175	116
	45	70	56
	55	42	38
	65	25	25
	75	12	13
	85	3	3
	90	0	

LUMEN SUMMARY	ZONE	LUMENS	% FIXTURE
	0 - 40	1315	91
	0 - 60	1408	97
	0 - 90	1449	100
	0 - 180	1449	100

V6DR-P13/835-POE N-LN-OF-WH Total Luminaire Output: 1457 lumens; 12.3 Watts | Efficacy: 119.0 lm/W | 80 CRI; 3500K CCT



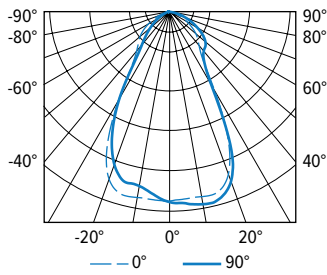
CANDLEPOWER DISTRIBUTION	VERTICAL ANGLE	HORIZONTAL ANGLE	ZONAL LUMENS
		0°	
	0	5449	
	5	4932	428
	15	2118	584
	25	503	245
	35	131	87
	45	59	47
	55	35	32
	65	21	21
	75	11	11
	85	2	3
	90	0	

LUMEN SUMMARY	ZONE	LUMENS	% FIXTURE
	0 - 40	1343	92
	0 - 60	1422	98
	0 - 90	1457	100
	0 - 180	1457	100



V6DR PoE | tunable **WHITE** 6" Vandal-Resistant Downlight – Round

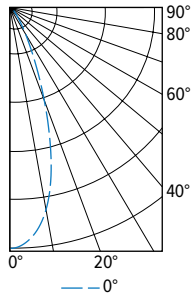
V6DR-P13/835-POE N-AWW-OF-WH Total Luminaire Output: 936 lumens; 12.3 Watts | Efficacy: 76.1 lm/W | 80 CRI; 3500K CCT



CANDLEPOWER DISTRIBUTION	VERTICAL ANGLE	HORIZONTAL ANGLE					ZONAL LUMENS
		0°	45°	90°	135°	180°	
	0	725	725	725	725	725	
	5	733	731	719	704	697	68
	15	738	719	714	680	664	196
	25	533	495	523	525	488	229
	35	232	220	222	232	199	145
	45	192	179	155	127	110	118
	55	158	139	106	72	57	94
	65	98	81	54	32	22	56
	75	47	34	18	9	8	24
	85	10	5	2	2	2	5
	90	0	0	0	0	0	

LUMEN SUMMARY	ZONE	LUMENS	% FIXTURE
	0 - 40	638	68
	0 - 60	851	91
	0 - 90	936	100
	0 - 180	936	100

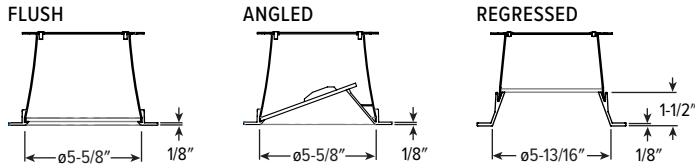
V6DR-P13/835-POE N-RM-OF-WH Total Luminaire Output: 1409 lumens; 12.3 Watts | Efficacy: 115.0 lm/W | 80 CRI; 3500K CCT



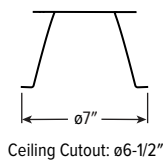
CANDLEPOWER DISTRIBUTION	VERTICAL ANGLE	HORIZONTAL ANGLE	
		0°	ZONAL LUMENS
	0	3410	
	5	3266	299
	15	2110	568
	25	669	318
	35	178	117
	45	60	48
	55	33	30
	65	18	18
	75	8	8
	85	2	2
	90	0	

LUMEN SUMMARY	ZONE	LUMENS	% FIXTURE
	0 - 40	1303	92
	0 - 60	1380	98
	0 - 90	1409	100
	0 - 180	1409	100

TRIM TYPE DETAILS



FLANGE TYPE DETAILS



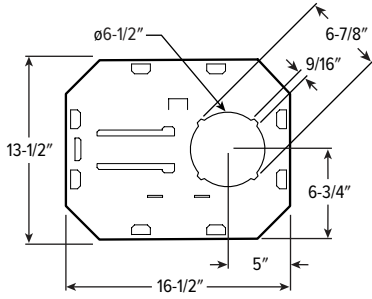
REFLECTOR FINISH DETAILS



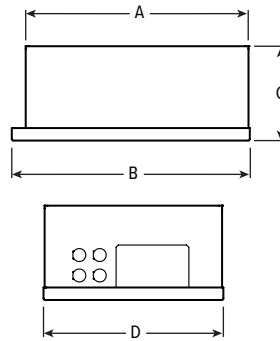
V6DR PoE | tunable **WHITE** 6" Vandal-Resistant Downlight – Round

MOUNTING TYPE DETAILS

NEW CONSTRUCTION



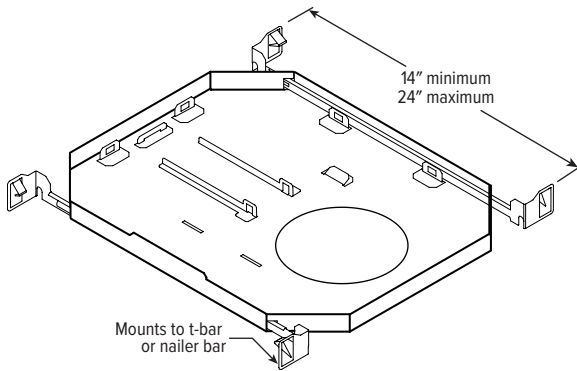
IC-RATED



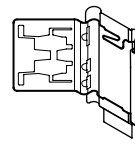
LUMENS	LENGTH			
	A	B	C	D
P13 - P25	15-3/16"	16"	6-3/8"	12-1/8"

MOUNTING HARDWARE DETAILS

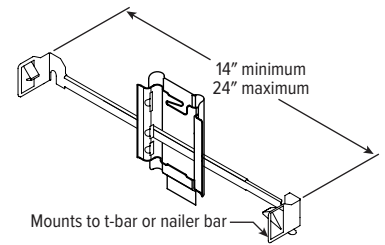
F1 Integral 2-position fixed pan bracket, universal bar hanger included



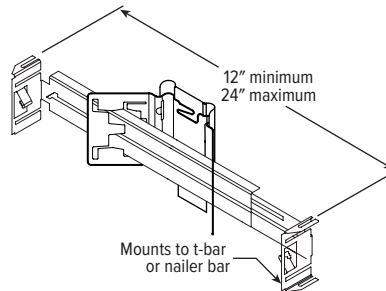
BA1 Adjustable butterfly pan bracket, bar hanger not included (N Mounting Type only)



CA1 Adjustable caterpillar pan bracket, universal bar hanger included (N Mounting Type only)



BA2 Adjustable butterfly pan bracket, heavy-duty universal bar hanger included (N Mounting Type only)



CA2 Adjustable caterpillar pan bracket, t-bar hanger included (N Mounting Type only)

