

4" Adjustable Downlights



ProLED® Adjustable Downlights are a long life and energy efficient replacement for traditional lamps. The 4" LED Adjustable Downlight features an integrated Gimbal that rotates 360° and swivels up 30° allowing for precise lighting control. It is dimmable, easy to install and delivers a maintenance-free experience with a 50,000-hour useful rated life. With its superior LED technology and performance, the ProLED Adjustable Downlights deliver consistent color, uniform illumination, and a low-profile impression for your lighting design. Applications include: home, office, hallway, kitchen, bathroom, lobby, hospitality, conference room. ProLED Adjustable Downlights are backed by a 5-year limited warranty.

Performance Specifications

CRI	90
Rated Life	50,000 hours
Watt	9W
Lumens	625-730 lm
Lumens per Watt (LPW)	69-81
Input Line Voltage	120V
Input Line Frequency	60 Hz

Min. Start Temp.	-20°C (-4°F)
Max. Operating Temp.	40°C (104°F)
Power Factor	>0.90%
Warranty	5-Year Limited
Control	Dimmable to 10%
Weight	1 lb

Energy Savings

Traditional Incandescent	Replacement LED	Energy Savings
50W	9W	82%

Construction

- 50,000 hour life results in lower maintenance costs over time
- Formed aluminum housing and trim
- Frosted lens for smooth, even and comfortable light distribution
- Lamp is UL listed for damp locations
- RoHS Compliant
- Dimmable to 10%
- ENERGY STAR® Certified
- Up to 30° aiming angle
- 360° rotation

Installation

- Friction clips secure strongly into 4" recessed housing
- Connects directly to dedicated LED-ready luminaires
- Pre-wired E26 socket assembly included, GU24 adapter available

Electrical

- 120V Input
- 50/60 Hz Input frequency
- Dimmable to 10%
- Power Factor >0.90%

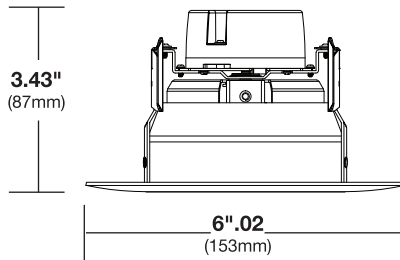
Ordering Information



Watt	Product #	Product Code	Volts	Color Temp.	CRI	Lumen Output	Useful Life*	Dimmable	Fixture Size	Equivalent Wattage
9	99966	ADL4FR9/927/LED	120	2700K	90	700	50,000	Yes	4"	50
9	99967	ADL4FR9/930/LED	120	3000K	90	625	50,000	Yes	4"	50
9	99968	ADL4FR9/940/LED	120	4000K	90	680	50,000	Yes	4"	50
9	99969	ADL4FR9/950/LED	120	5000K	90	730	50,000	Yes	4"	50
91003	ADP/DL/GU24/LED	GU24 Socket Adapter								

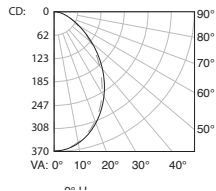
* Useful Life is defined as the point in time at which the lamp will maintain at least 70% of its initial lumens.

Dimensions



Photometrics

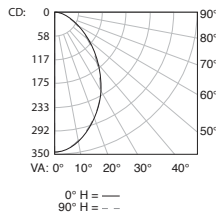
99966, ADL4FR9/827/LED



Coefficients of Utilization Effective Floor Cavity Reflectance 0.20												
RC	80			70			50					
RW	70	50	30	70	50	30	50	30	20			
0	119	119	119	161	161	161	111	111	111			
1	110	106	102	071	04	100	100	97	94			
2	101	94	88	99	92	87	89	84	80			
3	93	84	77	91	83	76	80	74	69			
4	86	76	68	84	74	67	72	65	60			
5	80	68	60	78	67	60	65	59	53			
6	74	62	54	73	61	54	60	53	48			
7	69	57	49	68	56	48	55	48	43			
8	65	52	44	63	52	44	50	44	39			
9	61	48	41	60	48	41	47	40	35			
10	57	45	38	56	44	37	43	37	32			

ZONAL LUMEN SUMMARY			
ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	260.8	36.8%	36.9%
0-40	400.3	56.5%	56.7%
0-60	612.4	86.5%	86.7%
60-90	94.2	13.3%	13.3%
0-90	706.6	99.8%	100%

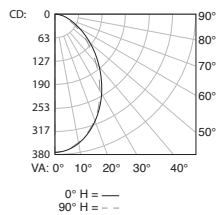
99967, ADL4FR9/830/LED



Coefficients of Utilization Effective Floor Cavity Reflectance 0.20												
RC	80			70			50					
RW	70	50	30	70	50	30	50	30	20			
0	119	119	119	116	116	116	111	111	111			
1	111	106	103	108	104	101	100	97	95			
2	102	95	89	99	93	88	90	85	81			
3	94	85	78	92	83	77	81	75	70			
4	87	76	69	85	75	68	73	66	61			
5	81	69	61	79	68	61	66	60	54			
6	75	63	55	73	62	55	61	54	49			
7	70	58	50	69	57	49	56	49	44			
8	66	53	45	64	53	45	51	45	40			
9	62	49	42	60	49	41	48	41	36			
10	58	46	38	57	45	38	44	38	33			

ZONAL LUMEN SUMMARY			
ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	238.8	38.3%	38.3%
0-40	363.6	58.2%	58.2%
0-60	546.8	87.6%	87.6%
60-90	77.5	12.4%	12.4%
70-100	28.4	4.5%	4.5%
90-120	0	0%	0%
0-90	624.3	100%	100%
90-180	0	0%	0%
0-180	624.3	100%	100%

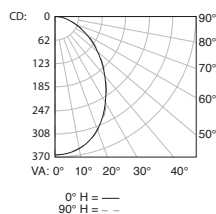
99968, ADL4FR9/840/LED



Coefficients of Utilization Effective Floor Cavity Reflectance 0.20												
RC	80			70			50					
RW	70	50	30	70	50	30	50	30	20			
0	119	119	119	119	16	116	116	100	11			
1	111	107	103	100	08	104	101	88	00			
2	102	95	89	84	99	93	88	77	90			
3	94	85	78	72	92	83	77	67	80			
4	87	76	69	63	85	75	68	60	73			
5	81	69	61	55	79	68	61	53	66			
6	75	63	55	49	73	62	55	48	60			
7	70	58	50	44	69	57	49	43	56			
8	66	53	45	40	64	53	45	39	51			
9	62	49	42	37	60	49	41	36	48			
10	58	46	38	34	57	45	38	33	44			

ZONAL LUMEN SUMMARY			
ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	260.7	38.2%	38.2%
0-40	397.1	58.1%	58.1%
0-60	598.4	87.6%	87.6%
60-90	84.7	12.4%	12.4%
70-100	30.6	4.5%	4.5%
90-120	0	0%	0%
0-90	683.2	100%	100%
90-180	0	0%	0%
0-180	683.2	100%	100%

99969, ADL4FR9/850/LED



Coefficients of Utilization Effective Floor Cavity Reflectance 0.20												
RC	80			70			50					
RW	70	50	30	70	50	30	50	30	20			
0	119	119	119	161	161	161	111	111	111			
1	110	106	102	071	031	00	99	96	94			
2	101	93	87	98	92	86	88	83	79			
3	93	83	76	90	82	75	79	73	68			
4	86	75	66	83	73	66	71	64	59			
5	79	67	59	77	66	58	64	57	52			
6	74	61	53	72	60	52	58	51	46			
7	69	56	48	67	55	47	54	47	41			
8	64	51	43	63	51	43	49	42	38			
9	60	47	40	59	47	39	46	39	34			
10	57	44	36	55	43	36	43	36	31			

ZONAL LUMEN SUMMARY			
ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	257.2	35.2%	35.3%
0-40	396.8	54.3%	54.4%
0-60	619.9	84.9%	85.1%
60-90	108.9	14.9%	14.9%
0-90	728.8	99.8%	100%