



VERSA

LED COMMERCIAL DOWNLIGHT
RECESSED DOWNLIGHT



The **VERSA** Series LED offers the freedom of directing light to the right place every time. This downlight series offers the versatility of being adjustable in beam direction, comes standard with CCT switchable option. The VERSA operates at 120V AC with Triac dimming.

Project: _____

Qty: _____

Notes: _____

OPERATING & ELECTRICAL

Input voltage 120Vac
Power factor 0.9
Total harmonic distortion (THD) <20%
Dimming Triac dimming with dimming rate 10%-100%

Power Supply

Factory wired electronic LED

driver

Spring

Stainless steel spring-action

clips

APPLICATION CONDITION

Ambient temperature range
Protection

-20 to 40°C
Damp rated, IC rated

PERFORMANCE

Lumens per Watt ~70 LPW
Beam angle ~120 Degrees

COMPATIBLE MOUNTING

Mounting New construction or retrofit.
Mounted with stainless steel spring-action housing clips.

MECHANICAL & HOUSING

Housing Formed steel
Lens Highly durable

polycarbonate lens ensures high efficiency light output for a clean, evenly illuminated surface with minimal glare. High transmittance lens allowing for a smooth, diffused light pattern.

Finish White powder coat finish

WARRANTY

System warranty 5 years
Lumen maintenance Rated for 70% initial lumen output at 50,000 hours of operation, operated at 25°C ambient temperature; per guidelines published by the Illuminating Engineering Society (IES). (L70 at 50,000 hours)

ORDERING GUIDE

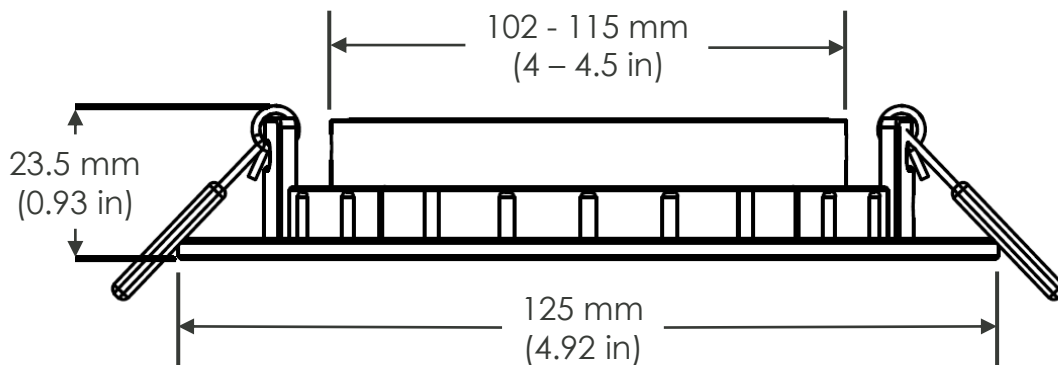
EXAMPLE: AE-DL-VS-04-09W-TRIAC-P2750

AE-DL-VS-	04-	09W-	TRIAC-	P2750
FIXTURE FAMILY	SHAPE & SIZE	POWER	CONTROLS	CCT
AE-DL-VS- Aeralux VERSA Series recessed downlight	4- 4" Round housing	09W- 9.5W: 700 lumens Replaces 32W CFL	TRIAC- Triac dimming	P27/30/35/40/50



PRODUCT DIMENSIONS

AE-DL-VS-04-09W-TRIAC-P2750



ACCESSORIES

Ordered separately, field installed

NEW CONSTRUCTION FRAME KIT

AE-DL-FRKT-04

Housing

Constructed of 22-gauge galvanized steel. For use in direct contact with thermal insulation.

Junction box

22-gauge galvanized steel with 2 snap-on covers with knockouts for 1/2" & 3/4" conduits.

Hanger bars

Pre-nailed style bar hangers that telescope from 15" to 26" suitable for short or long axis of housing.



LUMEN ESTIMATE

Lumen output varies based on CCT and CRI. An estimate of lumen output of the various CCT/CRI combinations, use correction factors as per table below:

Lumen estimate adjustment factors				
CCT	2700K	3000K	3500K	4000K
NORMAL	0.97	1	1.03	1.05

PHOTOMETRIC DATA

AE-DL-VS-04-09W-TRIAC-P2750 (9W, 2700K)

Coefficients of utilization												
Ceiling	80%				70%		50%		30%		0%	
Wall	70%	50%	30%	10%	50%	10%	50%	10%	50%	10%	0	
RCR	Zonal Cavity Method – Effective floor reflectance = 20%											
Room Cavity Ratio	0	119	119	119	119	116	116	111	111	106	106	100
	1	111	108	104	102	106	100	101	97	98	94	89
	2	104	97	92	88	96	87	92	85	89	83	79
	3	97	88	82	77	87	76	84	75	82	74	71
	4	90	81	74	68	80	68	77	67	75	66	64
	5	85	74	67	62	73	61	71	61	69	60	58
	6	80	69	61	56	68	56	66	55	64	55	53
	7	75	64	56	51	63	51	61	51	60	50	48
	8	71	59	52	47	59	47	57	47	56	47	45
	9	67	55	49	44	55	44	54	44	53	43	42
	10	63	52	45	41	52	41	51	41	50	40	39

Zonal lumen			
Zone	Lumens	Zone	Lumens
0-10	64.08	90-100	0.02
10-20	139.69	100-110	0
20-30	148.06	110-120	0.01
30-40	126.09	120-130	0.02
40-50	96.02	130-140	0.06
50-60	67.52	140-150	0.13
60-70	42.89	150-160	0.28
70-80	20.24	160-170	0.32
80-90	4.2	170-180	0.12

