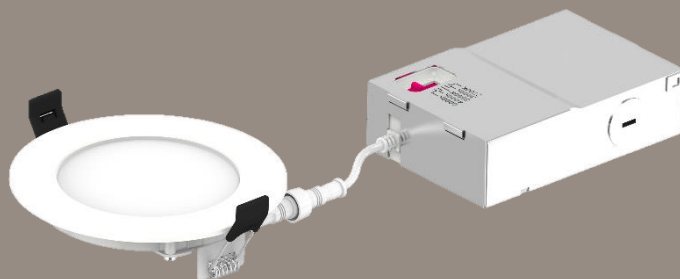




SLIMA

LED COMMERCIAL DOWNLIGHT
RECESSED DOWNLIGHT



The **SLIMA** Series LED downlight the ideal recessed downlight for any retrofit or new construction project. The spring-action housing clips make the installation process a breeze in mere minutes for any power option. The SLIMA downlights has a selectable CTT switch enabling to change the color projection from 2700K to 5000K, offering an unparalleled level of flexibility.

Project: _____
Qty: _____
Notes: _____

OPERATING & ELECTRICAL

Input voltage 120-277Vac
Power factor 0.9
Total harmonic distortion (THD) <20%
Dimming 0-10V external dimming
down to 10%.

Spring clips Stainless steel spring-action clips

APPLICATION CONDITION

Ambient temperature range -20 to 40°C
Protection Wet location rated, IC rated

PERFORMANCE

Lumens per Watt 75 LPW
Beam angle Lambertian

COMPATIBLE MOUNTING

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

MECHANICAL & HOUSING

Housing Aluminum
Len 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

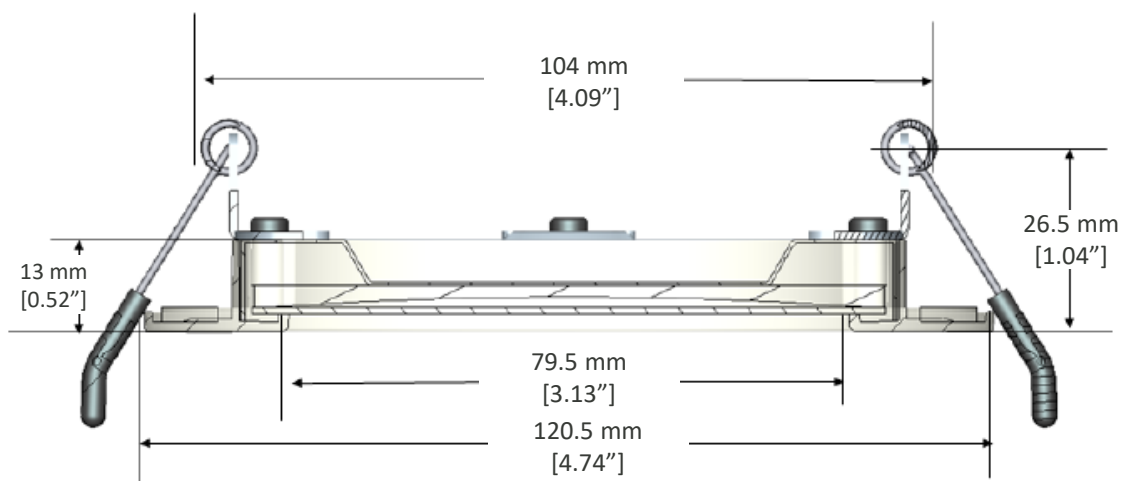
EXAMPLE: AE-DL-SL-04-09W-TRIAC-P2750

| AE-DL-SL- | 04- | 09W- | TRIAC- | P2750 |
|---|-------------------------------|---|--------------------------------|------------------------|
| FIXTURE FAMILY | SHAPE & SIZE | POWER | CONTROLS | CCT |
| AE-DL-SL- Aeralux SLIMA Series recessed downlight | 4- 4" Round housing | 09W- 9W: 700 lumens Replaces 32W CFL | TRIAC- Triac dimming | P27/30/35/40/50 |



PRODUCT DIMENSIONS

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



ACCESSORIES

Ordered separately, field installed

NEW CONSTRUCTION FRAME KIT

AE-DL-FRKT-04

4" Round

| | |
|---------------------|---|
| 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:

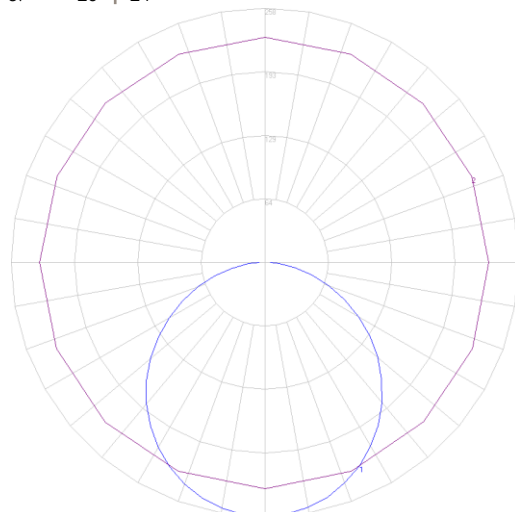
| Lumen estimate adjustment factors | | | | |
|-----------------------------------|-------|-------|-------|-------|
| CCT | 2700K | 3000K | 3500K | 4000K |
| NORMAL | 0.97 | 1 | 1.03 | 1.05 |

PHOTOMETRIC DATA

AE-DL-SL-04-09W-TRIAC-P2750 (9W, 4000K)

| 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% | | | | | | | | | | |
| 0 | 119 | 119 | 119 | 119 | 116 | 116 | 111 | 111 | 106 | 106 | 100 |
| 1 | 108 | 103 | 99 | 95 | 101 | 93 | 97 | 90 | 93 | 88 | 83 |
| 2 | 98 | 90 | 83 | 77 | 88 | 76 | 84 | 74 | 81 | 73 | 69 |
| 3 | 90 | 79 | 71 | 64 | 77 | 63 | 74 | 62 | 72 | 61 | 58 |
| 4 | 82 | 70 | 61 | 54 | 68 | 54 | 66 | 53 | 64 | 52 | 49 |
| 5 | 75 | 62 | 53 | 47 | 61 | 46 | 59 | 46 | 57 | 45 | 43 |
| 6 | 70 | 56 | 47 | 41 | 55 | 40 | 53 | 40 | 52 | 40 | 37 |
| 7 | 65 | 51 | 42 | 36 | 50 | 36 | 49 | 35 | 47 | 35 | 33 |
| 8 | 60 | 46 | 38 | 32 | 46 | 32 | 44 | 32 | 43 | 31 | 29 |
| 9 | 56 | 43 | 34 | 29 | 42 | 29 | 41 | 29 | 40 | 28 | 26 |
| 10 | 53 | 39 | 31 | 26 | 39 | 26 | 38 | 26 | 37 | 26 | 24 |

| Zonal lumen | | | |
|-------------|--------|---------|--------|
| Zone | Lumens | Zone | Lumens |
| 0-10 | 24.35 | 90-100 | 0 |
| 10-20 | 69.64 | 100-110 | 0 |
| 20-30 | 105.28 | 110-120 | 0 |
| 30-40 | 126.42 | 120-130 | 0 |
| 40-50 | 130.46 | 130-140 | 0 |
| 50-60 | 117.43 | 140-150 | 0 |
| 60-70 | 90.13 | 150-160 | 0 |
| 70-80 | 54.16 | 160-170 | 0 |
| 80-90 | 18.85 | 170-180 | 0 |



SELECTABLE CCT

With a simple switch, the CCT can be changed from 2700K, 3000K, 3500K, 4000K or 5000K offering an unparalleled level of flexibility



EASY INSTALLATION

Fixture comes standard with junction box allowing for excellent cable management reducing installation errors and facilitating installation and potential maintenance.



ULTRA-THIN PROFILE

The Slim recessed downlight has a full thickness of just 1" allowing it to be used in a variety of application where fixture size and weight are important.

