



GEN5 PRIME

LINEAR FIXTURES

Linear architectural lighting



The Gen5 PRIME is a high-end, low glare architectural linear which offers a high lumen output while maintaining an UGR level below 16. The housing can be connected seamlessly to achieve long runs. It is available for suspended mounting, surface mounting, and wall mounting in various run lengths. Our Aeralux color finish reduces glare by using a baked enamel coating that enhances your project space.

Project: _____

Qty: _____

Notes: _____

OPERATING & ELECTRICAL

Input voltage 120-347V
Power factor 0.9
Total harmonic distortion (THD) <20%
Dimming 0-10V external dimming down to 10%

PERFORMANCE

Lumens per Watt 100 LPW at 80CRI for 6 and 8FT
 90 LPW at 80CRI for 4 FT
Power 40, 50, 70W
Distribution Lambertian

MECHANICAL & HOUSING

Housing Extruded aluminum for increased rigidity and strength
Lens Highly durable frosted 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 Aeralux Nebula White. Aeralux Atomic Black finish, Silver RAL7044

Power Supply Factory wired electronic LED driver

LED Board Discrete LED

APPLICATION CONDITION

Ambient temperature range -10 to 40°C

COMPATIBLE MOUNTING

Mounting Surface, suspended, wall
System warranty 5 years

Lumen maintenance Rated for 85% initial lumen output at 50,000 hours of operation, operated at 25°C ambient temperature; per guidelines published by the Illuminating Engineering Society (IES). (L85 at 50,000 hours)

ORDERING GUIDE – See next page for additional accessories

EXAMPLE: AE-SF-G5CA440N30/40/50010WH-GB-PRIME

| AE-SF-G5 | CA | 4 | 40 | 30/40/50 | 010 | WH-GB | -P |
|---|--------------------------------|--------------------|--------------------------------|--|---|-------------------------------|----------------------|
| FIXTURE FAMILY | VOLTAGE | LENGTH | POWER | CCT | CONTROLS | FINISH | LENS |
| AE-SF-G5 Aeralux Gen5 linear architectural fixture | CA 120-347Vac input voltage | 4 4 feet length | 40 40 watts: 3600 lumens | 30/40/50 3000/4000/5000K selectable CCT | 010 0-10V external dimming down to 10% | WH-GB Aeralux Nebula White | -P Parabolic Lens |
| | | 6 6 feet length | 50 50 watts: 5000 lumens | | | BK-GB Aeralux Atomic Black | |
| | | 8 8 feet length | 70 70 watts: 7000 lumens | 30/35/40 3000/3500/4000K selectable CCT | | SV-GB Silver – RAL7044 | |

Each fixture comes standard with 2x 6FT suspension cables





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ORDERING GUIDE...Continued

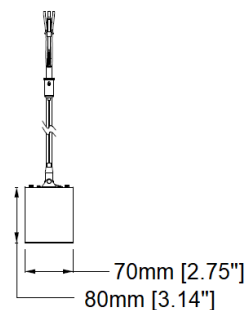
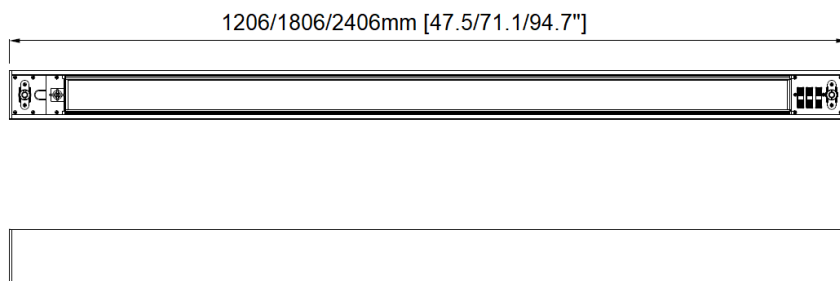
EXAMPLE: AE-SF-G5CA440N30/40/50010WH-GB-PCUV-CP4

| | |
|-------------|--|
| -PCUV-CP4 | |
| ACCESSORIES | |
| BLANK | |
| -PCUV | - Power cord – 120-277V |
| -PCUV-CP4 | - Power cord – 120-277V with 4-inch Canopy |
| -PCUV-CP5 | - Power cord – 120-277V with 5-inch Canopy |
| -PCHV | - Power cord – 120-347V |
| -PCHV-CP4 | - Power cord – 120-347V with 4-inch Canopy |
| -PCHV-CP5 | - Power cord – 120-347V with 5-inch Canopy |

POWER SWITCHABLE OPTIONS

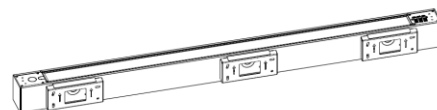
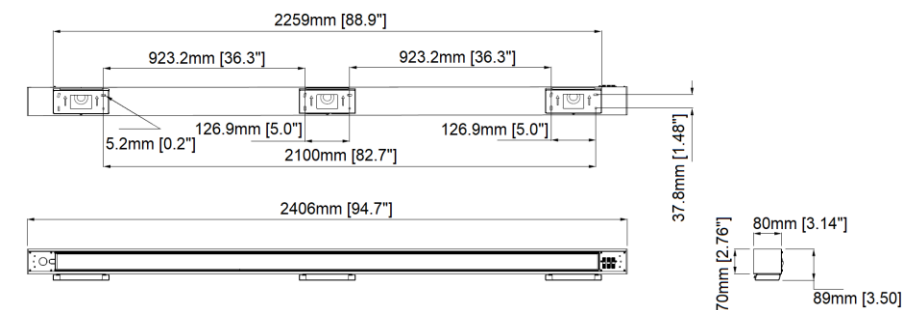
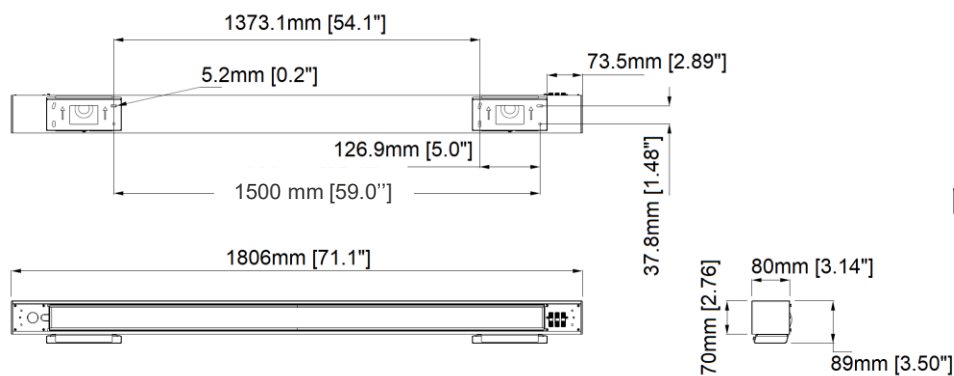
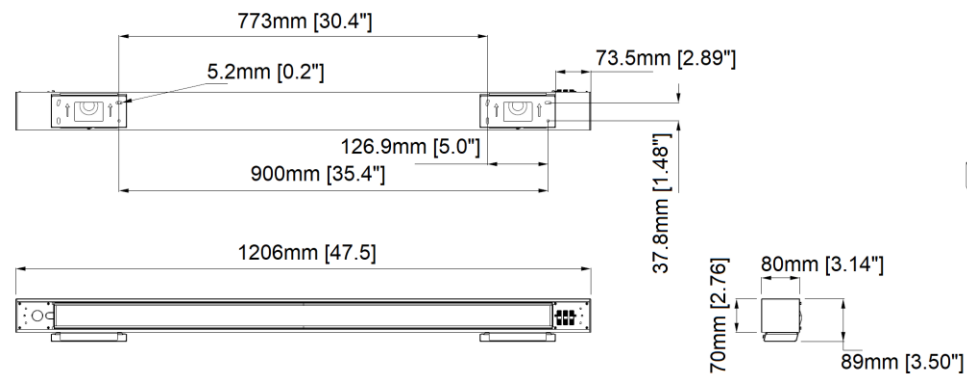
| | | | |
|----------------|-----------------------|---------------------------|----------------|
| 2FT | Avg 105-120 LPW | 20 watts | 20W– 2100 lms |
| | | 20/30/40 watts switchable | 20W – 2100 lms |
| 30W - 3150 lms | | | |
| 40W - 4200 lms | | | |
| 4FT | | 30/40/50 watts switchable | 30W - 3600 lms |
| | | | 40W - 4800 lms |
| | | | 50W - 6000 lms |
| 6FT | | 40/70 watts switchable | 40W - 4800 lms |
| | | | 70W - 8400 lms |
| 8FT | | | |

PRODUCT DIMENSIONS - SUSPENDED



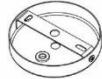

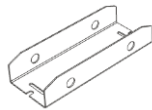




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PRODUCT DIMENSIONS – Wall mount



ACCESSORIES

Ordered separately, field installed

| Part Number | Description | Picture |
|--|---|---|
| AE-SF-CANOPY-WH-4IN AE-SF-CANOPY-BK-4IN | Canopy Cover kit: 4" diameter – 2 pieces White or Black |  |
| AE-SF-CANOPY-WH-5IN AE-SF-CANOPY-BK-5IN | Canopy Cover kit: 5" diameter - 2 pieces White or Black |  |
| AE-SF-LINK-G2 | Linkable Metal Accessory – 1 piece Fixture wired for continuous mounting |  |
| AE-SF-GEN5-SMT-WH AE-SF-GEN5-SMT-BK | Surface mount kit – 1 piece – White Surface mount kit – 1 piece – Black |  |
| AE-SF-PWRCORD-WH AE-SF-PWRCORD-BK | 8FT power cord – 120-277V - White 8FT power cord – 120-277V - Black |  |
| AE-SF-PWRCORD-HV-WH AE-SF-PWRCORD-HV-BK | 8FT power cord – 120-347V - White 8FT power cord – 120-347V - Black |  |
| AE-SF-WMB-WH AE-SF-WMB-BK | Wall mount kit – 2 pieces |  |

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:

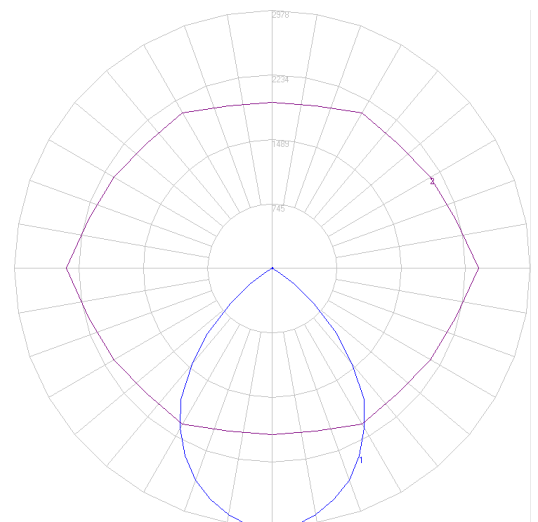
| Lumen estimate adjustment factors | | | | |
|-----------------------------------|-------|-------|-------|-------|
| CCT | 3000K | 3500K | 4000K | 5000K |
| NORMAL (80CRI) | 0.94 | 0.97 | 1 | 1.03 |

PHOTOMETRIC DATA - TBD

AE-SF-G5CA440N30/40/50010WH-GB-P (3500K)

| 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 | 113 | 110 | 107 | 104 | 107 | 103 | 103 | 99 | 99 | 96 | 92 |
| 2 | 106 | 101 | 96 | 92 | 99 | 91 | 95 | 89 | 92 | 87 | 83 |
| 3 | 100 | 92 | 87 | 82 | 91 | 82 | 88 | 80 | 86 | 79 | 76 |
| 4 | 94 | 85 | 79 | 74 | 84 | 74 | 82 | 73 | 80 | 72 | 69 |
| 5 | 88 | 79 | 72 | 67 | 78 | 67 | 76 | 66 | 74 | 65 | 63 |
| 6 | 83 | 73 | 66 | 61 | 72 | 61 | 70 | 60 | 69 | 60 | 58 |
| 7 | 78 | 68 | 61 | 56 | 67 | 56 | 65 | 55 | 64 | 55 | 53 |
| 8 | 74 | 63 | 56 | 52 | 62 | 51 | 61 | 51 | 60 | 51 | 50 |
| 9 | 70 | 59 | 52 | 48 | 58 | 48 | 57 | 47 | 56 | 47 | 46 |
| 10 | 66 | 55 | 49 | 44 | 55 | 44 | 54 | 44 | 53 | 44 | 42 |

| Zonal lumen | | | |
|-------------|--------|---------|--------|
| Zone | Lumens | Zone | Lumens |
| 0-10 | 266.24 | 90-100 | 0.48 |
| 10-20 | 702.86 | 100-110 | 0.43 |
| 20-30 | 932.7 | 110-120 | 0.76 |
| 30-40 | 824.51 | 120-130 | 1.35 |
| 40-50 | 556.73 | 130-140 | 1.81 |
| 50-60 | 155.88 | 140-150 | 2.49 |
| 60-70 | 21.63 | 150-160 | 3.35 |
| 70-80 | 6.28 | 160-170 | 2.87 |
| 80-90 | 2.19 | 170-180 | 1.07 |

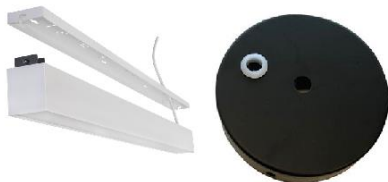




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ACCESSORIES

Multiple accessories to select such as canopy cover kits, and mounting brackets.

COLOR SELECTABLE

Easily removable fixture top exposes the DIP switch to change between 3 CCT variations from warm to cool light



CONTINUOUS RUNS

Easily connect multiple fixtures together for continuous mounting configuration.



STANDARD FEATURES

4FT suspension cables standard with fixture providing simple purchase and cost-savings



FINISHES

Standard Aeralux anti-glare white and black finishes reduce object glare and provide an elegant look to the fixture's housing.

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