

E5H ECONO LED LINEAR HIGH BAY LUMINAIRE

MULTI-VOLTAGE (120-347 V)

Aimlite's economic E5H Linear High Bay with optional integrated sensor, is ideally suited for high ceiling warehouses as well as arenas where uniform and efficient lighting is required.



FEATURES & SPECIFICATIONS

CONSTRUCTION

Physical Characteristics

- White powder coated 22 gauge slim, lightweight steel housing.
- Well ventilated driver compartment for optimal thermal management.
- Frosted PMMA lens over LEDs provides a diffused light distribution.
- 6' power cable standard in all configurations.

Mounting

- Surface, suspended or pendant (see accessories).
- V-Hooks for dual point chain (standard for all configurations). Set of 2 V-Hooks and chains are provided with all configurations. Other mounting options are available, please consult accessory table.

PERFORMANCE DATA

- Available in both 4 000 and 5 000 K color temperatures
- 80+ CRI for true color accuracy
- Electrical ratings: 120-347 V
- Estimated life of over 54 000 hours to L70
- 0-10 V dimming driver. Dimming cables not included with the fixture
- 2.0 kV surge protection
- Operating Temperature: -20 °C to 50 °C (-4 °F to 122 °F)
- Ambient Temperature: -20°C to 50°C (-4°F to 122°F)

COMPLIANCES

- cULus listed for damp locations
- Meet requirements of ICES-005 (A), Issue 5 for class A products
- Complies with FCC Part 15, Class A, Sub Part B
- UL1598, UL8750
- CSA 22.2 250.0, CSA 22.2 250.13

| OVERVIEW | | | |
|--------------------------|----------------------------------|------------------------------|--------------|
| LIGHT SOURCE | LED | EFFICIENCY (LM/W) | ≥135 |
| WATTS (W) | 85, 130, 170, 210, 255, 300, 400 | COLOR TEMPERATURE (K) | 4 000, 5 000 |
| LUMEN OUTPUT (LM) | 11 475 - 54 000 | CRI | 80+ |

WARRANTY
5 YEAR
WARRANTY

QUICKSHIP

LED

DAMP LOCATION

ICES 005

DLC LISTED PREMIUM

UL CERTIFIED

Not all products are qualified on the DLC QPL. To view our DLC qualified products, please consult the DLC Qualified Products List at www.designlights.org/search

Data is based upon tests performed in a controlled environment. Actual performance can vary depending on operating conditions. All products are subject to change or may be discontinued any time without notice.

QUICK SHIP ORDERING GUIDE



| PART NUMBER | DLC UNIQUE ID | WATTS [W] | VOLTS [VAC] | COLOR TEMP. [K] ² | LUMEN OUTPUT [LM] ³ | EFFICACY [LM/W] | CRI | LIFE L70 [HRS] ⁴ | TESTED HOURS LM-80 [HRS] ⁴ | POWER FACTOR | THD [%] |
|------------------|---------------|-----------|-------------|------------------------------|--------------------------------|-----------------|-----|-----------------------------|---------------------------------------|--------------|---------|
| 24" | | | | | | | | | | | |
| E5H-24LA1-32/40K | PRF0JFAR | 85 | 120-347 | 4 000 | 11 475 | 135 | 80+ | >54 000 | 9 000 | 0.9 | 10 |
| E5H-24LA1-32/50K | PS8UBBI9 | 85 | 120-347 | 5 000 | 11 560 | 136 | 80+ | >54 000 | 9 000 | 0.9 | 10 |
| E5H-24LA2-32/40K | PFF5WM84 | 130 | 120-347 | 4 000 | 17 550 | 135 | 80+ | >54 000 | 9 000 | 0.9 | 10 |
| E5H-24LA2-32/50K | P2S4BS6H | 130 | 120-347 | 5 000 | 17 680 | 136 | 80+ | >54 000 | 9 000 | 0.9 | 10 |
| E5H-24LA3-32/40K | PR51MAAZ | 170 | 120-347 | 4 000 | 22 950 | 135 | 80+ | >54 000 | 9 000 | 0.9 | 10 |
| E5H-24LA3-32/50K | PJ6PNN6M | 170 | 120-347 | 5 000 | 23 120 | 136 | 80+ | >54 000 | 9 000 | 0.9 | 10 |
| E5H-24LA4-32/40K | PNFBUK50 | 210 | 120-347 | 4 000 | 28 350 | 135 | 80+ | >54 000 | 9 000 | 0.9 | 10 |
| E5H-24LA4-32/50K | P30VHPNA | 210 | 120-347 | 5 000 | 28 560 | 136 | 80+ | >54 000 | 9 000 | 0.9 | 10 |
| 48" | | | | | | | | | | | |
| E5H-48LA1-32/40K | PMPYGV7B | 255 | 120-347 | 4 000 | 34 680 | 136 | 80+ | >54 000 | 9 000 | 0.9 | 10 |
| E5H-48LA1-32/50K | PVIWW117 | 255 | 120-347 | 5 000 | 34 425 | 135 | 80+ | >54 000 | 9 000 | 0.9 | 10 |
| E5H-48LA2-32/40K | P4VDK9VG | 300 | 120-347 | 4 000 | 40 723 | 136 | 80+ | >54 000 | 9 000 | 0.9 | 10 |
| E5H-48LA2-32/50K | PL7LMV99 | 300 | 120-347 | 5 000 | 41 140 | 137 | 80+ | >54 000 | 9 000 | 0.9 | 10 |
| E5H-48LA3-32/40K | PLSH1AR4 | 400 | 120-347 | 4 000 | 53 064 | 133 | 80+ | >54 000 | 9 000 | 0.9 | 10 |
| E5H-48LA3-32/50K | PQ7YVVJX | 400 | 120-347 | 5 000 | 53 607 | 134 | 80+ | >54 000 | 9 000 | 0.9 | 10 |

QUICK SHIP: Product availability is subject to change without notice. Please contact your AimLite customer service representative to confirm inventory levels at time of order.

² Typical color temperature range: +/- 5 %.

³ Lumen values are derived from photometric testing. Initial lumens range: +/- 10 %.

⁴ Life hours are derived from IESNA LM-80-08 testing report and projected per IESNA TM-21-11 extrapolations.

INCLUDED IN THE BOX

V-Hooks



Chain Kits



ACCESSORIES (ORDER SEPARATELY)

| PART NUMBER | TYPE | COMPATIBLE WITH |
|------------------------------|---|--|
| BKT846 | SURFACE MOUNT BRACKET (SET OF 2) | ALL CONFIGURATIONS |
| BKT847 | CONDUIT MOUNT KIT | ALL CONFIGURATIONS |
| WGD911-2FT | WIREGUARD 2FT/4L | E5H-24LA1-32/40K, E5H-24LA1-32/50K, E5H-24LA2-32/40K, E5H-24LA2-32/50K, E5H-24LA3-32/40K, E5H-24LA3-32/50K |
| WGD911-2FT-W | WIREGUARD 2FT/6L | E5H-24LA4-32/40K, E5H-24LA4-32/50K |
| WGD911-4FT | WIREGUARD 4FT/4L | E5H-48LA1-32/40K, E5H-48LA1-32/50K |
| WGD911-4FT-W | WIREGUARD 4FT/6L | E5H-48LA2-32/40K, E5H-48LA2-32/50K, E5H-48LA3-32/40K, E5H-48LA3-32/50K |
| KITOSI-EFS06R ¹ | EXTERNAL HIGH FREQUENCY SENSOR KIT EFS06R | ALL CONFIGURATIONS |
| OSI-IFS05R-HBL1 ² | EXTERNAL PIR SENSOR KIT IFS05R-HBL1 | ALL CONFIGURATIONS |
| OSI-RM51 | REMOTE CONTROL RM51 FOR MOTION SENSORS | KITOSI-EFS06R, OSI-IFS05R-HBL1 |

¹ To change factory settings, purchase remote (sold separately).

² The settings can be either changed by switches, or by a remote (sold separately).

COMPATIBLE DIMMERS¹

| BRAND | MODEL NUMBER | | | |
|---------|-----------------------------------|----------------------|-----------------------------------|----------------------|
| | 24" [LS1, LS2, LS3] | 24" [LS4] | 48" [LS1] | 48" [LS2, LS3] |
| LUTRON | NTSTV-DV, NFTV, DVTV ² | NTSTV-DV, NFTV, DVTV | NTSTV-DV, NFTV, DVTV ² | NTSTV-DV, NFTV, DVTV |
| LEVITON | IP710, DS710 | IP710, DS710 | IP710, DS710 | IP710, DS710 |
| LEGRAND | RH4FBL3PW | RH4FBL3PW | RH4FBL3PW | RH4FBL3PW |

Dimming range: 10%-100%

¹ This table shows dimmers that have been tested and have demonstrated proper operation under normal conditions. Each installation being unique, various factors such as load, common neutrals or other electrical products on the circuit can, in certain instances, cause variance in system performance. Read and comply to the dimmer installation instructions. Consult dimming system manufacturer for additional support in operation. Some dimmers may require more than one product for stable operation. AimLite recommends to use dimmers designed to work with LED products. Older dimmers designed for incandescent products may cause erratic operation.

² Dim to OFF not available with DVTV for 24" [LS1, LS2, LS3] and 48" [LS1].

OCCUPANCY SENSORS

BI-LEVEL SENSORS

Detection - On at [Detection Area] % during [Hold Time] min., then [Stand-by Dim level] %

| PART NO | POSITION | VOLTS [V] | TECHNOLOGY | HEIGHT [FT] | DETECTION AREA [%] | INITIAL BRIGHTNESS [%] | SENSITIVITY [%] | HOLD TIME [MIN] | STAND-BY DIM LEVEL [%] | STAND-BY PERIOD [MIN] | REMOTE* | LOCATION** |
|-----------------|----------|----------------------|----------------|-------------|--------------------|------------------------|-------------------------------|-------------------------|------------------------|-----------------------|----------|-------------------------|
| KITOSI-EFS06R | EXTERNAL | 120-347 [12 V DC] | HIGH FREQUENCY | 40 [MAX] | 100 | 50, 75, 100 | 0 (OFF), 50 (LOW), 100 (HIGH) | 30S, 5MIN, 15MIN, 30MIN | 0, 10, 30, 50 | INFINITE | OSI-RM51 | DRY AND WET, -30 TO +40 |
| OSI-IFS05R-HBL1 | EXTERNAL | 120-347 [12-32 V DC] | PIR | 40 [MAX] | 100 | 50, 75, 100 | 0 (OFF), 50 (LOW), 100 (HIGH) | 30S, 5MIN, 15MIN, 30MIN | 0, 10, 30, 50 | INFINITE | OSI-RM51 | DRY AND WET, -30 TO +40 |

Default settings: Brightness: 100%, hold time: 5min, stand-by dim: 50%, stand-by time: 30min, photocell: off, sensitivity: 100%

TRI-LEVEL SENSORS

Detection - ON at [Detection Area] % during [Hold Time] min, them [Stand-by Dim level] % during [Stand-by time] min, then OFF

| PART NO | POSITION | VOLTS [V] | TECHNOLOGY | HEIGHT [FT] | DETECTION AREA [%] | INITIAL BRIGHTNESS [%] | SENSITIVITY [%] | HOLD TIME [MIN] | STAND-BY DIM LEVEL [%] | STAND-BY PERIOD [MIN] | REMOTE* | LOCATION** |
|-----------------|----------|----------------------|----------------|-------------|--------------------|------------------------|-------------------------------|-------------------------|------------------------|--------------------------------|----------|-------------------------|
| KITOSI-EFS06R | EXTERNAL | 120-347 [12 V DC] | HIGH FREQUENCY | 40 [MAX] | 100 | 50, 75, 100 | 0 (OFF), 50 (LOW), 100 (HIGH) | 30S, 5MIN, 15MIN, 30MIN | 0, 10, 30, 50 | 10S, 5MIN, 15MIN, 30MIN, 60MIN | OSI-RM51 | DRY AND WET, -30 TO +40 |
| OSI-IFS05R-HBL1 | EXTERNAL | 120-347 [12-32 V DC] | PIR | 40 [MAX] | 100 | 50, 75, 100 | 0 (OFF), 50 (LOW), 100 (HIGH) | 30S, 5MIN, 15MIN, 30MIN | 0, 10, 30, 50 | 10S, 5MIN, 15MIN, 30MIN, 60MIN | OSI-RM51 | DRY AND WET, -30 TO +40 |

Default settings: Brightness: 100%, hold time: 5min, stand-by dim: 50%, stand-by time: 30min, photocell: off, sensitivity: 100%

* To be ordered separately.

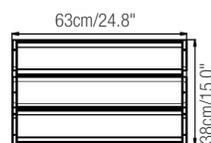
** Min and max ambient temperature of the fixture with the specific sensor. Please verify fixture temperature on the first page for compatibility with sensor.

For more settings visit

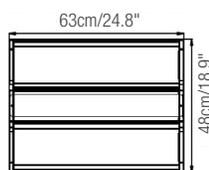
www.aimlite.com/documentation/technical-information/

WEIGHT AND DIMENSIONS

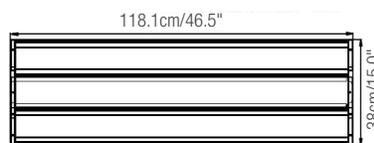
| | 24" | 24" WIDE | 48" | 48" WIDE |
|-------------------|----------|----------|------------|------------|
| LENGTH [cm/in] | 63/24.8 | 63/24.8 | 118.1/46.5 | 118.1/46.5 |
| WIDTH [cm/in] | 38/15.0 | 48/18.9 | 38/15.0 | 48/18.9 |
| THICKNESS [cm/in] | 5.59/2.2 | 5.59/2.2 | 5.59/2.2 | 5.59/2.2 |
| WEIGHT [lbs] | 10.4 | 11.2 | 17.9 | 19.8 |



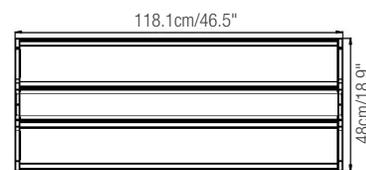
Wattage Range:65-170W
Dimensions: cm/in



Wattage Range:210W



Wattage Range:255W

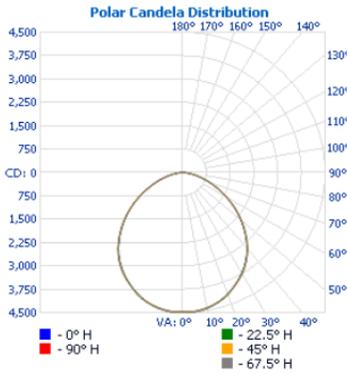


Wattage Range:300-400W

PHOTOMETRIC DATA¹

68754 • E5H-24LA1-32/40K • 11 607.6 LM

POLAR CANDELA DISTRIBUTION



ZONAL LUMEN SUMMARY

| ZONE | LUMENS | % FIXTURE |
|-------|----------|-----------|
| 0-30 | 3 467.9 | 29.9% |
| 0-40 | 5 644.7 | 48.6% |
| 0-60 | 9 624.3 | 82.9% |
| 60-90 | 1 983.3 | 17.1% |
| 0-90 | 11 607.6 | 100% |

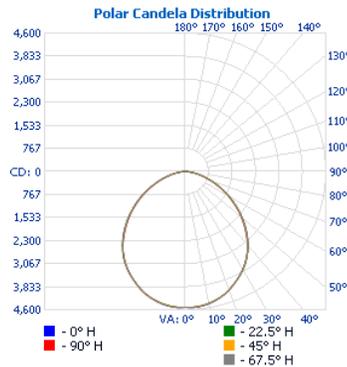
ILLUMINANCE AT A DISTANCE

| CENTER BEAM FC | | BEAM WIDTH | |
|----------------|-------|------------|-------|
| 1.7' | 1 547 | 4.4' | 4.4' |
| 3.3' | 411 | 8.5' | 8.5' |
| 5.0' | 179 | 12.9' | 12.9' |
| 6.7' | 99.6 | 17.3' | 17.2' |
| 8.3' | 64.9 | 21.5' | 21.3' |
| 10.0' | 44.7 | 25.9' | 25.7' |

■ Vert. Spread: 104.6° ■ Hor. Spread: 104.3°

68755 • E5H-24LA1-32/50K • 11 714.3 LM

POLAR CANDELA DISTRIBUTION



ZONAL LUMEN SUMMARY

| ZONE | LUMENS | % FIXTURE |
|-------|----------|-----------|
| 0-30 | 3 495.3 | 29.8% |
| 0-40 | 5 682.4 | 48.5% |
| 0-60 | 9 679.1 | 82.6% |
| 60-90 | 2 035.2 | 17.4% |
| 0-90 | 11 714.3 | 100% |

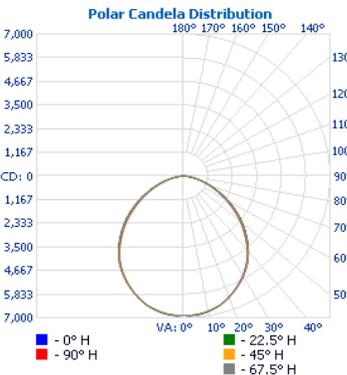
ILLUMINANCE AT A DISTANCE

| CENTER BEAM FC | | BEAM WIDTH | |
|----------------|-------|------------|-------|
| 1.7' | 1 562 | 4.4' | 4.3' |
| 3.3' | 414 | 8.6' | 8.4' |
| 5.0' | 181 | 13.0' | 12.7' |
| 6.7' | 101 | 17.4' | 17.1' |
| 8.3' | 65.5 | 21.6' | 21.1' |
| 10.0' | 45.1 | 26.0' | 25.5' |

■ Vert. Spread: 104.8° ■ Hor. Spread: 103.7°

68756 • E5H-24LA2-32/40K • 17 510.7 LM

POLAR CANDELA DISTRIBUTION



ZONAL LUMEN SUMMARY

| ZONE | LUMENS | % FIXTURE |
|-------|----------|-----------|
| 0-30 | 5 302.7 | 30.3% |
| 0-40 | 8 601.3 | 49.1% |
| 0-60 | 14 559.2 | 83.1% |
| 60-90 | 2 951.5 | 16.9% |
| 0-90 | 17 510.7 | 100% |

ILLUMINANCE AT A DISTANCE

| CENTER BEAM FC | | BEAM WIDTH | |
|----------------|-------|------------|-------|
| 1.7' | 2 377 | 4.4' | 4.2' |
| 3.3' | 631 | 8.5' | 8.1' |
| 5.0' | 275 | 12.9' | 12.3' |
| 6.7' | 153 | 17.2' | 16.5' |
| 8.3' | 99.7 | 21.3' | 20.4' |
| 10.0' | 68.7 | 25.7' | 24.6' |

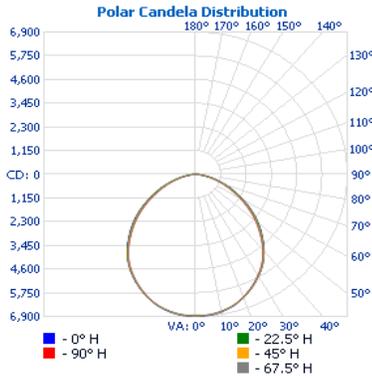
■ Vert. Spread: 104.2° ■ Hor. Spread: 101.9°

¹ Complete IES files available on our website.

PHOTOMETRIC DATA¹

68757 • E5H-24LA2-32/50K • 17 634.1 LM

POLAR CANDELA DISTRIBUTION



ZONAL LUMEN SUMMARY

| ZONE | LUMENS | % FIXTURE |
|-------|----------|-----------|
| 0-30 | 5 294.6 | 30% |
| 0-40 | 8 601.6 | 48.8% |
| 0-60 | 14 610.2 | 82.9% |
| 60-90 | 3 023.8 | 17.1% |
| 0-90 | 17 634.1 | 100% |

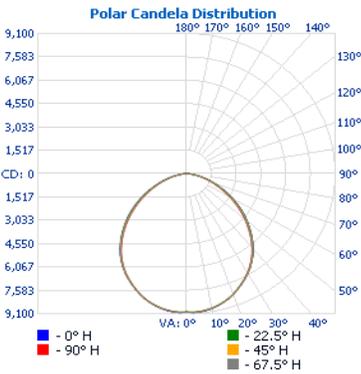
ILLUMINANCE AT A DISTANCE

| CENTER BEAM FC | | BEAM WIDTH | |
|----------------|-------|------------|-------|
| 1.7' | 2 366 | 4.4' | 4.2' |
| 3.3' | 628 | 8.6' | 8.2' |
| 5.0' | 274 | 13.0' | 12.5' |
| 6.7' | 152 | 17.5' | 16.7' |
| 8.3' | 99.3 | 21.7' | 20.7' |
| 10.0' | 68.4 | 26.1' | 25.0' |

■ Vert. Spread: 105.1° ■ Hor. Spread: 102.6°

68758 • E5H-24LA3-32/40K • 23 024.7 LM

POLAR CANDELA DISTRIBUTION



ZONAL LUMEN SUMMARY

| ZONE | LUMENS | % FIXTURE |
|-------|----------|-----------|
| 0-30 | 6 949.7 | 30.2% |
| 0-40 | 11 276.6 | 49% |
| 0-60 | 19 114.3 | 83% |
| 60-90 | 3 910.4 | 17% |
| 0-90 | 23 024.7 | 100% |

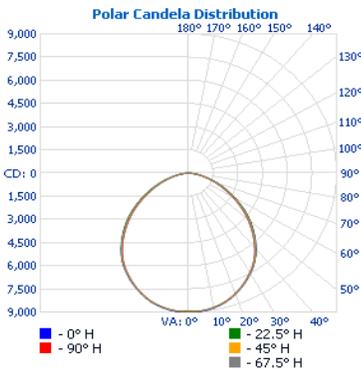
ILLUMINANCE AT A DISTANCE

| CENTER BEAM FC | | BEAM WIDTH | |
|----------------|-------|------------|-------|
| 1.7' | 3 113 | 4.4' | 4.2' |
| 3.3' | 826 | 8.5' | 8.2' |
| 5.0' | 360 | 12.9' | 12.4' |
| 6.7' | 200 | 17.3' | 16.6' |
| 8.3' | 131 | 21.4' | 20.5' |
| 10.0' | 90.0 | 25.8' | 24.7' |

■ Vert. Spread: 104.5° ■ Hor. Spread: 102.0°

68759 • E5H-24LA3-32/50K • 23 111.0 LM

POLAR CANDELA DISTRIBUTION



ZONAL LUMEN SUMMARY

| ZONE | LUMENS | % FIXTURE |
|-------|----------|-----------|
| 0-30 | 6 934.0 | 30% |
| 0-40 | 11 281.4 | 48.8% |
| 0-60 | 19 185.4 | 83% |
| 60-90 | 3 925.6 | 17% |
| 0-90 | 23 111.0 | 100% |

ILLUMINANCE AT A DISTANCE

| CENTER BEAM FC | | BEAM WIDTH | |
|----------------|-------|------------|-------|
| 1.7' | 3 094 | 4.5' | 4.3' |
| 3.3' | 821 | 8.7' | 8.3' |
| 5.0' | 358 | 13.2' | 12.6' |
| 6.7' | 199 | 17.6' | 16.9' |
| 8.3' | 130 | 21.8' | 20.9' |
| 10.0' | 89.4 | 26.3' | 25.2' |

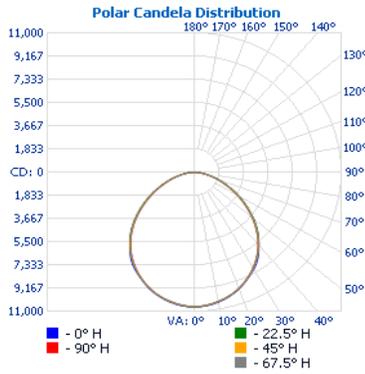
■ Vert. Spread: 105.5° ■ Hor. Spread: 103.0°

¹ Complete IES files available on our website.

PHOTOMETRIC DATA¹

68760 • E5H-24LA4-32/40K • 27 456.3 LM

POLAR CANDELA DISTRIBUTION



ZONAL LUMEN SUMMARY

| ZONE | LUMENS | % FIXTURE |
|-------|----------|-----------|
| 0-30 | 8 162.6 | 29.7% |
| 0-40 | 13 287.3 | 48.4% |
| 0-60 | 22 714.4 | 82.7% |
| 60-90 | 4 742.0 | 17.3% |
| 0-90 | 27 456.3 | 100% |

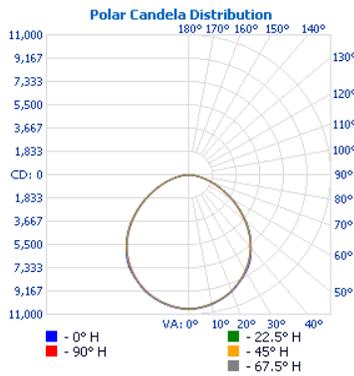
ILLUMINANCE AT A DISTANCE

| CENTER BEAM FC | | BEAM WIDTH | |
|----------------|-------|------------|-------|
| 1.7' | 3 683 | 4.4' | 4.3' |
| 3.3' | 977 | 8.6' | 8.4' |
| 5.0' | 426 | 13.0' | 12.7' |
| 6.7' | 237 | 17.4' | 17.0' |
| 8.3' | 154 | 21.6' | 21.1' |
| 10.0' | 106 | 26.0' | 25.4' |

■ Vert. Spread: 104.9° ■ Hor. Spread: 103.7°

68761 • E5H-24LA4-32/50K • 27 419.9 LM

POLAR CANDELA DISTRIBUTION



ZONAL LUMEN SUMMARY

| ZONE | LUMENS | % FIXTURE |
|-------|----------|-----------|
| 0-30 | 8 115.2 | 29.6% |
| 0-40 | 13 228.5 | 48.2% |
| 0-60 | 22 668.5 | 82.7% |
| 60-90 | 4 751.4 | 17.3% |
| 0-90 | 27 419.9 | 100% |

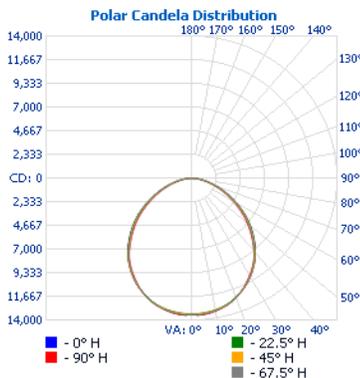
ILLUMINANCE AT A DISTANCE

| CENTER BEAM FC | | BEAM WIDTH | |
|----------------|-------|------------|-------|
| 1.7' | 3 655 | 4.5' | 4.4' |
| 3.3' | 970 | 8.7' | 8.5' |
| 5.0' | 422 | 13.1' | 12.9' |
| 6.7' | 235 | 17.6' | 17.3' |
| 8.3' | 153 | 21.8' | 21.4' |
| 10.0' | 106 | 26.3' | 25.8' |

■ Vert. Spread: 105.5° ■ Hor. Spread: 104.4°

68762 • E5H-48LA1-32/40K • 35 029.8 LM

POLAR CANDELA DISTRIBUTION



ZONAL LUMEN SUMMARY

| ZONE | LUMENS | % FIXTURE |
|-------|----------|-----------|
| 0-30 | 10 427.2 | 29.8% |
| 0-40 | 16 936.5 | 48.3% |
| 0-60 | 28 840.5 | 82.3% |
| 60-90 | 6 189.4 | 17.7% |
| 0-90 | 35 029.8 | 100% |

ILLUMINANCE AT A DISTANCE

| CENTER BEAM FC | | BEAM WIDTH | |
|----------------|-------|------------|-------|
| 1.7' | 4 658 | 4.5' | 4.2' |
| 3.3' | 1 236 | 8.7' | 8.2' |
| 5.0' | 538 | 13.2' | 12.5' |
| 6.7' | 300 | 17.6' | 16.7' |
| 8.3' | 195 | 21.8' | 20.7' |
| 10.0' | 135 | 26.3' | 25.0' |

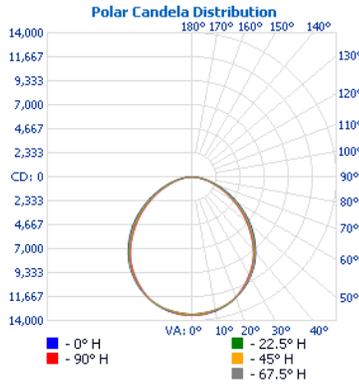
■ Vert. Spread: 105.5° ■ Hor. Spread: 102.6°

¹ Complete IES files available on our website.

PHOTOMETRIC DATA¹

68763 • E5H-48LA1-32/50K • 34 937.5 LM

POLAR CANDELA DISTRIBUTION



ZONAL LUMEN SUMMARY

| ZONE | LUMENS | % FIXTURE |
|-------|----------|-----------|
| 0-30 | 10 388.3 | 29.7% |
| 0-40 | 16 884.7 | 48.3% |
| 0-60 | 28 785.9 | 82.4% |
| 60-90 | 6 151.6 | 17.6% |
| 0-90 | 34 937.5 | 100% |

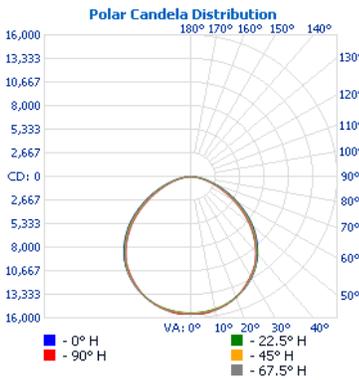
ILLUMINANCE AT A DISTANCE

| CENTER BEAM FC | | BEAM WIDTH | |
|----------------|-------|------------|-------|
| 1.7' | 4 638 | 4.5' | 4.2' |
| 3.3' | 1 231 | 8.8' | 8.2' |
| 5.0' | 536 | 13.4' | 12.4' |
| 6.7' | 299 | 17.9' | 16.6' |
| 8.3' | 195 | 22.2' | 20.6' |
| 10.0' | 134 | 26.7' | 24.8' |

■ Vert. Spread: 106.4° ■ Hor. Spread: 102.3°

68764 • E5H-48LA2-32/40K • 40 723.4 LM

POLAR CANDELA DISTRIBUTION



ZONAL LUMEN SUMMARY

| ZONE | LUMENS | % FIXTURE |
|-------|----------|-----------|
| 0-30 | 12 095.3 | 29.7% |
| 0-40 | 19 765.4 | 48.5% |
| 0-60 | 33 876.0 | 83.2% |
| 60-90 | 6 847.4 | 16.8% |
| 0-90 | 40 723.4 | 100% |

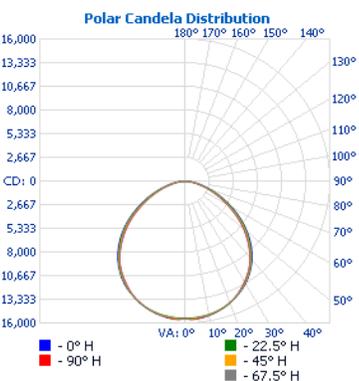
ILLUMINANCE AT A DISTANCE

| CENTER BEAM FC | | BEAM WIDTH | |
|----------------|-------|------------|-------|
| 1.7' | 5 357 | 4.7' | 4.4' |
| 3.3' | 1 422 | 9.0' | 8.5' |
| 5.0' | 619 | 13.7' | 12.8' |
| 6.7' | 345 | 18.3' | 17.2' |
| 8.3' | 225 | 22.7' | 21.3' |
| 10.0' | 155 | 27.4' | 25.7' |

■ Vert. Spread: 107.7° ■ Hor. Spread: 104.2°

68765 • E5H-48LA2-32/50K • 41 140.3 LM

POLAR CANDELA DISTRIBUTION



ZONAL LUMEN SUMMARY

| ZONE | LUMENS | % FIXTURE |
|-------|----------|-----------|
| 0-30 | 12 153.7 | 29.5% |
| 0-40 | 19 893.3 | 48.4% |
| 0-60 | 34 194.4 | 83.1% |
| 60-90 | 6 945.8 | 16.9% |
| 0-90 | 41 140.3 | 100% |

ILLUMINANCE AT A DISTANCE

| CENTER BEAM FC | | BEAM WIDTH | |
|----------------|-------|------------|-------|
| 1.7' | 5 369 | 4.7' | 4.4' |
| 3.3' | 1 425 | 9.1' | 8.6' |
| 5.0' | 621 | 13.8' | 13.0' |
| 6.7' | 346 | 18.5' | 17.4' |
| 8.3' | 225 | 23.0' | 21.6' |
| 10.0' | 155 | 27.7' | 26.0' |

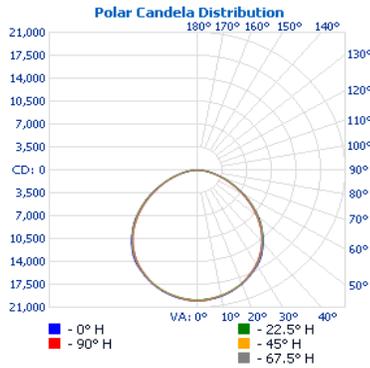
■ Vert. Spread: 108.3° ■ Hor. Spread: 104.9°

¹ Complete IES files available on our website.

PHOTOMETRIC DATA¹

68766 • E5H-48LA3-32/40K • 53 064.0 LM

POLAR CANDELA DISTRIBUTION



ZONAL LUMEN SUMMARY

| ZONE | LUMENS | % FIXTURE |
|-------|----------|-----------|
| 0-30 | 15 420.6 | 29.1% |
| 0-40 | 25 232.3 | 47.6% |
| 0-60 | 43 598.2 | 82.2% |
| 60-90 | 9 465.8 | 17.8% |
| 0-90 | 53 064.0 | 100% |

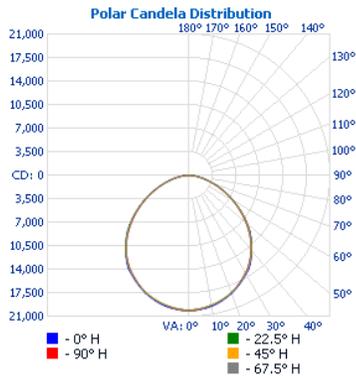
ILLUMINANCE AT A DISTANCE

| CENTER BEAM FC | | Diagram | BEAM WIDTH | |
|----------------|-------|---------|------------|------|
| 1.7' | 6 915 | | 4.6' | 4.5' |
| 3.3' | 1 835 | 9.0' | 8.7' | |
| 5.0' | 799 | 13.6' | 13.2' | |
| 6.7' | 445 | 18.3' | 17.7' | |
| 8.3' | 290 | 22.6' | 22.0' | |
| 10.0' | 200 | 27.2' | 26.5' | |

■ Vert. Spread: 107.4° ■ Hor. Spread: 105.8°

68767 • E5H-48LA3-32/50K • 53 606.6 LM

POLAR CANDELA DISTRIBUTION



ZONAL LUMEN SUMMARY

| ZONE | LUMENS | % FIXTURE |
|-------|----------|-----------|
| 0-30 | 15 538.7 | 29% |
| 0-40 | 25 438.4 | 47.5% |
| 0-60 | 43 982.5 | 82% |
| 60-90 | 9 624.1 | 18% |
| 0-90 | 53 606.6 | 100% |

ILLUMINANCE AT A DISTANCE

| CENTER BEAM FC | | Diagram | BEAM WIDTH | |
|----------------|-------|---------|------------|------|
| 1.7' | 6 974 | | 4.6' | 4.5' |
| 3.3' | 1 851 | 8.9' | 8.8' | |
| 5.0' | 806 | 13.5' | 13.3' | |
| 6.7' | 449 | 18.2' | 17.8' | |
| 8.3' | 293 | 22.5' | 22.1' | |
| 10.0' | 202 | 27.1' | 26.6' | |

■ Vert. Spread: 107.1° ■ Hor. Spread: 106.2°

¹ Complete IES files available on our website.