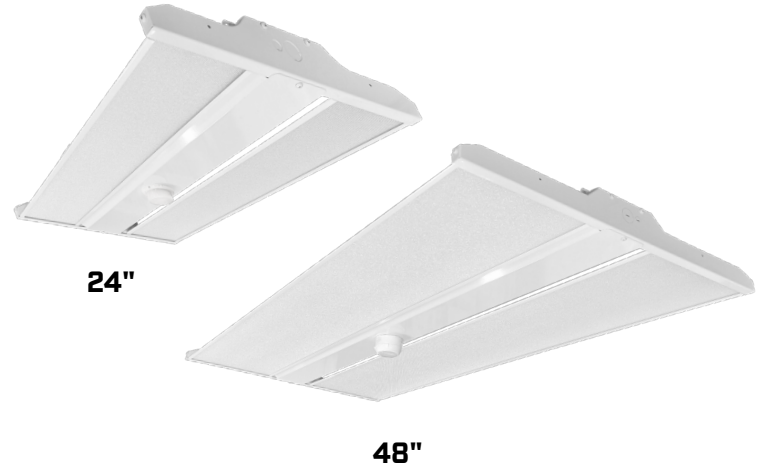


E5H GEN. 2

ECONOMICAL AND HIGH-PERFORMING LED LINEAR HIGH BAY LUMINAIRE

3 CCT AND 3 POWER SELECTABLE WITH SMART SENSOR RECEPTACLE

AimLite's economic E5H Linear High Bay with integrated receptacle for smart and non-smart sensors, 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 component for optimal thermal management
- Frosted polycarbonate lens over LEDs provides a diffused light distribution
- 6' power cord and 6' dimming cable included in all configurations

Mounting

- Set of 2 V-hooks and chains are provided with all configurations. See accessory table for suspended and pendant mounting kits

PERFORMANCE DATA

- Available in 3 500/4 000/5 000 K selectable color temperature
- 80+ CRI
- Electrical ratings: 120-347 V
- Estimated life of over 54 000 hours to L70

- 0-10 V dimming driver. Dimming cables included in all configurations
- 6 kV surge protection
- Operating temperature: From -20 °C (-4 °F) and up to 65 °C (149 °F) on certain wattages. Consult Lumen and Operating Temperature Specification Table for more details

COMPLIANCES

- UL certified for damp locations for Canada and USA
- Meets requirements of ICES-005, 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
- DLC Premium
- BC Hydro

OVERVIEW			
LIGHT SOURCE	LED	COLOR TEMPERATURE [K]	3 500/4 000/5 000
WATTS [W]	80 - 625	CRI	80+
LUMEN OUTPUT [LM]	12 800 - 100 000	WEIGHT [LBS]	10.4 - 19.8
EFFICACY [LM/W]	150 - 170		

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.

E5H GEN. 2

QUICK SHIP AND TECHNICAL SPECIFICATION TABLE



PART NO	DLC PREMIUM UNIQUE ID ⁴	WATTS [W]	VOLTS [VAC]	COLOR TEMP. [K] ¹	LUMEN OUTPUT [LM] ²	EFFICIACY [LM/W]	CRI	LIFE L70 [HRS] ³	TESTED HOURS LM-80 [HRS] ³	DIMMING [YES/NO]	POWER FACTOR	THD [%]	MASTER CASE QTY
24"													
E5H-24PS120-32-3C	S-Q08C0Q	80/100/120	120-347	3 500/4 000/5 000	12 800 - 19 200	160	80+	54 000	9 000	0-10 V	>0.9	<20	1
E5H-24PS160-32-3C	S-BF0ZT7	110/130/160	120-347	3 500/4 000/5 000	17 600 - 24 800	155	80+	54 000	9 000	0-10 V	>0.9	<20	1
E5H-24PS200-32-3C	S-907JWR	155/185/200	120-347	3 500/4 000/5 000	24 800 - 31 000	155	80+	54 000	9 000	0-10 V	>0.9	<20	1
48"													
E5H-48PS160-32-3C	S-RGSGGW	85/120/160	120-347	3 500/4 000/5 000	13 600 - 24 800	155	80+	54 000	9 000	0-10 V	>0.9	<20	1
E5H-48PS240-32-3C	S-ZT3P56	160/200/240	120-347	3 500/4 000/5 000	24 800 - 37 920	158	80+	54 000	9 000	0-10 V	>0.9	<20	1
E5H-48PS360-32-3C	S-QVXX3J	270/310/360	120-347	3 500/4 000/5 000	42 120 - 57 600	160	80+	54 000	9 000	0-10 V	>0.9	<20	1
E5H-48PS480-32-3C	S-1WDG50	320/400/480	120-347	3 500/4 000/5 000	51 200 - 76 800	160	80+	54 000	9 000	0-10 V	>0.9	<20	1
E5H-48PS625-32-3C	S-RPCFOR	500/560/625	120-347	3 500/4 000/5 000	80 000 - 100 000	160	80+	54 000	9 000	0-10 V	>0.9	<20	1

¹ Typical color temperature range: +/- 5 %.

² Lumen values are based on 4 000 K default programming.

Please refer to the LUMEN AND OPERATING TEMPERATURE SPECIFICATION TABLE for more details on other color temperatures.

³ Life hours are derived from IESNA LM-80 testing report and projected per IESNA TM-21 extrapolations.

⁴ Primary Use Designation: High-Bay Luminaires for Commercial and Industrial Buildings.

LUMEN AND OPERATING TEMPERATURE SPECIFICATION TABLE

PART NUMBER	WATTS [VAC]	3 500 K		4 000 K		5 000 K		MAX OPERATING TEMPERATURE [SURFACE MOUNT]	MAX OPERATING TEMPERATURE [SUSPENDED MOUNT] ¹
		LUMEN OUTPUT [LM]	EFFICACY [LM/W]	LUMEN OUTPUT [LM]	EFFICACY [LM/W]	LUMEN OUTPUT [LM]	EFFICACY [LM/W]		
E5H-24PS120-32-3C	80	12 800	160	13 600	170	13 200	165	50°C	65°C
	100	15 500	155	16 500	165	16 000	160	45°C	55°C
	120	18 000	150	19 200	160	18 600	155	40°C	50°C
E5H-24PS160-32-3C	110	17 600	160	18 150	165	17 600	160	50°C	65°C
	130	20 150	155	20 800	160	20 150	155	45°C	55°C
	160	24 000	150	24 800	155	24 000	150	40°C	50°C
E5H-24PS200-32-3C	155	24 000	160	25 575	165	24 800	160	50°C	65°C
	185	28 675	155	29 600	160	28 675	155	45°C	55°C
	200	30 000	150	31 000	155	30 000	150	40°C	50°C
E5H-48PS160-32-3C	85	13 600	160	14 025	165	13 855	163	50°C	65°C
	120	18 600	155	19 200	160	18 960	158	45°C	55°C
	160	24 000	150	24 800	155	24 480	153	40°C	50°C
E5H-48PS240-32-3C	160	24 800	155	26 080	163	25 120	157	50°C	65°C
	200	30 400	152	32 000	160	30 800	154	45°C	55°C
	240	36 000	150	37 920	158	36 480	152	40°C	50°C
E5H-48PS360-32-3C	270	42 120	156	44 820	166	42 660	158	50°C	65°C
	310	47 740	154	50 840	164	48 360	156	45°C	55°C
	360	54 000	150	57 600	160	54 720	152	40°C	50°C
E5H-48PS480-32-3C	320	51 200	160	54 400	170	51 200	160	50°C	65°C
	400	62 000	155	66 000	165	62 000	155	45°C	55°C
	480	72 000	150	76 800	160	72 000	150	40°C	50°C
E5H-48PS625-32-3C	500	80 000	160	85 000	170	80 000	160	50°C	65°C
	560	86 800	155	92 400	165	86 800	155	45°C	55°C
	625	93 750	150	100 000	160	93 750	150	40°C	50°C

¹ Suspended 18" from ceiling.

DEFAULT PROGRAMMING

E5H-24PS120-32-3C: 120 W / 4 000 K

E5H-24PS160-32-3C: 160 W / 4 000 K

E5H-24PS200-32-3C: 200 W / 4 000 K

E5H-48PS160-32-3C: 160 W / 4 000 K

E5H-48PS240-32-3C: 240 W / 4 000 K

E5H-48PS360-32-3C: 360 W / 4 000 K

E5H-48PS480-32-3C: 480 W / 4 000 K

E5H-48PS625-32-3C: 625 W / 4 000 K

E5H GEN. 2

PRODUCT FEATURES



Integrated 1-pin receptacle to easily install and operate smart and non-smart sensors



6' power and dimming cables included with each luminaire

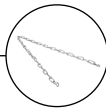
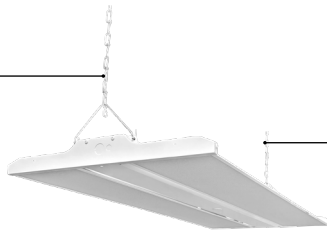
White powder coating 22 gauge slim and lightweight steel housing

Frosted polycarbonate lens

ACCESSORIES (INCLUDED IN THE BOX)



V-Hooks
(set of 2pcs)



Chain kit
(set of 2pcs)



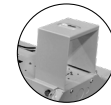
Color temperature and Power Selectable switches easily accessible on the housing

ACCESSORIES (ORDER SEPARATELY)

PART NUMBER	TYPE	COMPATIBLE WITH	CASE QTY (MASTER)
BKT347-A	3.25 FT SUSPENSION CHAIN KIT (SET OF 2)	ALL CONFIGURATIONS	100
CAS982-VHOOK	V-HOOKS (SET OF 2PCS)	ALL CONFIGURATIONS	100
BKT846	SURFACE MOUNT BRACKET (SET OF 2)	ALL CONFIGURATIONS	20
BKT847	CONDUIT MOUNT KIT	ALL CONFIGURATIONS	20
WGD911-2FT	WIREGUARD 2 FT X 15.5IN	E5H-24PS120-32-3C, E5H-24PS1620-32-3C, E5H-24PS200-32-3C	4
WGD911-4FT	WIREGUARD 4 FT X 15.5IN	E5H-48PS160-32-3C, E5H-48PS240-32-3C, E5H-48PS360-32-3C	4
WGD911-4FT-W	WIREGUARD 4 FT X 19.5IN	E5H-48PS480-32-3C	4
WGD917-4FT	WIREGUARD 4 FT X 23.5IN	E5H-48PS625-32-3C	4
OSI-EFS06R ^{1,2}	EXTERNAL HIGH FREQUENCY SENSOR OSI-EFS06R	ALL CONFIGURATIONS	100
OSI-EFS07-AUX ^{1,2}	EXTERNAL PIR SENSOR OSI-EFS07-AUX	ALL CONFIGURATIONS	100
OSI-RM51	REMOTE CONTROL OSI-RM51 FOR MOTION SENSORS	OSI-EFS06R, OSI-EFS07-AUX	100
SUR10KV120347-SC	EXTERNAL 10KV SURGE PROTECTOR	ALL CONFIGURATIONS	20
SUR20KV120347-SC	EXTERNAL 20KV SURGE PROTECTOR	ALL CONFIGURATIONS	20

¹ Maximum ambient temperature for sensors is 55°C

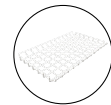
² To change factory settings, purchase OSI-RM51 remote (sold separately)



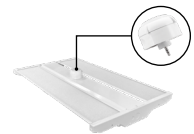
Surface mount
bracket



Conduit
mount kit



Wireguards



1-pin plug & play sensors
(PIR, High Frequency &
Bluetooth Mesh PIR)



Surge Protector Box

COMPATIBLE DIMMERS¹

BRAND	MODEL
LUTRON	NTSTV-DV, NFTV, DVTV
LEVITON	IP710, DS710
LEGRAND	RH4FBL3PW

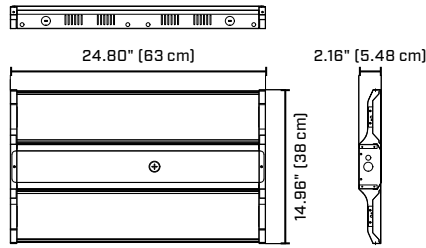
Dimming range: 10%-100%

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.

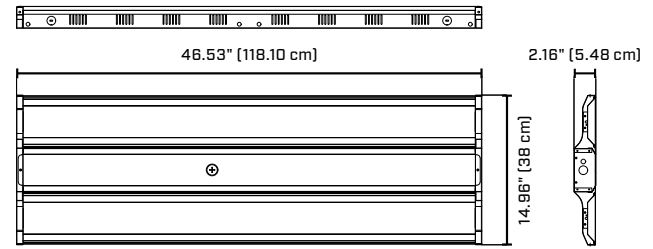
ESH GEN. 2

DIMENSIONS

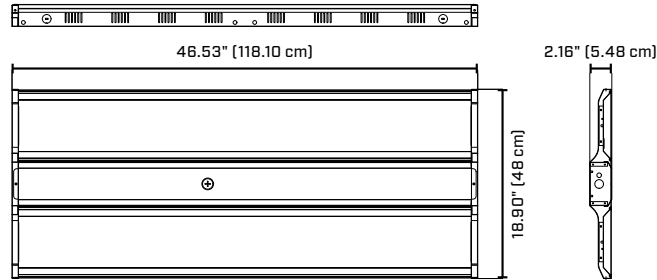
24" [PS120, PS160, PS200 models]



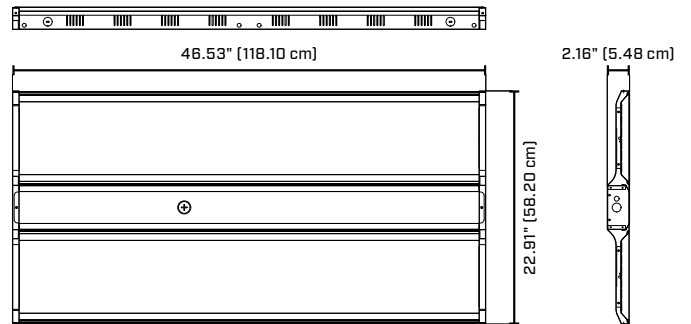
48" [PS160, PS240, PS360 models]



48" [PS480 model]



48" [PS625 model]



	24" [PS120, PS160, PS200 models]	48" [PS160, PS240, PS360 models]	48" [PS480 model]	48" [PS625 model]
Net weight [lbs]	10.36	17.86	18.96	19.84

OCCUPANCY SENSORS

BI-LEVEL SENSORS

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

PART NUMBER	POSITION	VOLT [V]	TECH-NOLOGY	HEIGHT [FT]	DETECTION AREA [%]	INITIAL BRIGHTNESS [%]	SENSIVITY [%]	HOLD TIME [MIN]	STAND-BY DIM LEVEL [%]	STAND-BY PERIOD [MIN]	REMOTE1	LOCATION [°C]
OSI-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-EFS07-AUX	EXTERNAL	120-347 [12 V DC]	PIR	20-40	100	50, 75, 100	0 [OFF], 50 [LOW], 100 [HIGH]	30S, 5MIN, 15MIN, 30MIN	0, 10, 30, 50	INFINITE	OSI-RM51	DRY AND DAMP, -30 TO +40
OSI-PIR106	EXTERNAL	120-347 [12 V DC]	BLUETOOTH & PIR	40 [MAX]	100	SEE APP INSTRUCTIONS	SEE APP INSTRUCTIONS	SEE APP INSTRUCTIONS	SEE APP INSTRUCTIONS	SEE APP INSTRUCTIONS	N/A	DRY AND DAMP, -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 NUMBER	POSITION	VOLT [V]	TECH-NOLOGY	HEIGHT [FT]	DETECTION AREA [%]	INITIAL BRIGHTNESS [%]	SENSIVITY [%]	HOLD TIME [MIN]	STAND-BY DIM LEVEL [%]	STAND-BY PERIOD [MIN]	REMOTE1	LOCATION [°C]
OSI-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-EFS07-AUX	EXTERNAL	120-347 [12 V DC]	PIR	20-40	100	50, 75, 100	0 [OFF], 50 [LOW], 100 [HIGH]	30S, 5MIN, 15MIN, 30MIN	0, 10, 30, 50	INFINITE	OSI-RM51	DRY AND DAMP, -30 TO +40
OSI-PIR106	EXTERNAL	120-347 [12 V DC]	BLUETOOTH & PIR	40 [MAX]	100	SEE APP INSTRUCTIONS	SEE APP INSTRUCTIONS	SEE APP INSTRUCTIONS	SEE APP INSTRUCTIONS	SEE APP INSTRUCTIONS	N/A	DRY AND DAMP, -30 TO +40

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

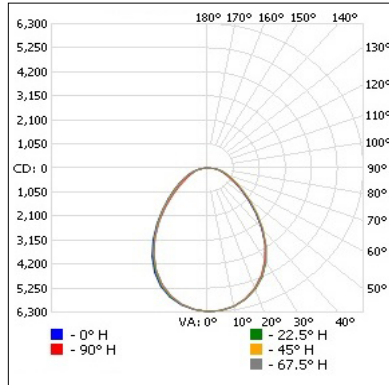
* To be ordered separately.

E5H GEN. 2

PHOTOMETRIC DATA¹

E5H-24PS120-32-3C • 80 W • 4 000 K • 12 466 LM

POLAR CANDELA DISTRIBUTION



ZONAL LUMEN SUMMARY

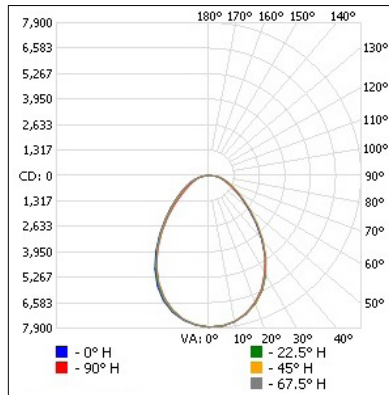
ZONE	LUMENS	% FIXTURE
0-30	4 558.9	36.6
0-40	7 001.4	56.2
0-60	10 543.3	84.6
60-90	1 922.3	15.4
70-100	903.1	7.2
90-120	0	0
0-90	12 465.6	100
90-180	0	0
0-180	12 465.6	100

ILLUMINANCE AT A DISTANCE

CENTER BEAM FC			BEAM WIDTH	
1.7'	2 169		3.0'	2.9'
3.3'	576		5.8'	5.7'
5.0'	251		8.8'	8.6'
6.7'	140		11.7'	11.5'
8.3'	91.0		14.6'	14.3'
10.0'	62.7		17.5'	17.2'
■ Vert. Spread: 82.5° ■ Hor. Spread: 81.5°				

E5H-24PS120-32-3C • 100 W • 4 000 K • 15 585 LM

POLAR CANDELA DISTRIBUTION



ZONAL LUMEN SUMMARY

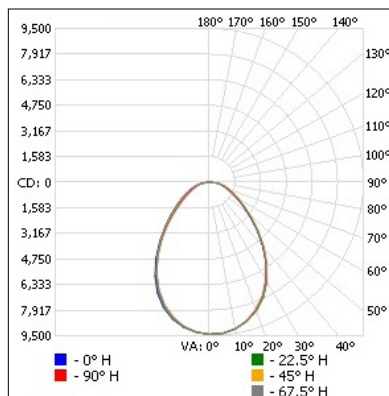
ZONE	LUMENS	% FIXTURE
0-30	5 699.7	36.6
0-40	8 753.3	56.2
0-60	13 181.5	84.6
60-90	2 403.3	15.4
70-100	1 129.1	7.2
90-120	0	0
0-90	15 584.8	100
90-180	0	0
0-180	15 584.8	100

ILLUMINANCE AT A DISTANCE

CENTER BEAM FC			BEAM WIDTH	
1.7'	2 169		3.0'	2.9'
3.3'	576		5.8'	5.7'
5.0'	251		8.8'	8.6'
6.7'	140		11.7'	11.5'
8.3'	91.0		14.6'	14.3'
10.0'	62.7		17.5'	17.2'
■ Vert. Spread: 82.5° ■ Hor. Spread: 81.5°				

E5H-24PS120-32-3C • 120 W • 4 000 K • 18 700 LM

POLAR CANDELA DISTRIBUTION



ZONAL LUMEN SUMMARY

ZONE	LUMENS	% FIXTURE
0-30	6 839.1	36.6
0-40	10 503.1	56.2
0-60	15 816.6	84.6
60-90	2 883.7	15.4
70-100	1 354.8	7.2
90-120	0	0
0-90	18 700.2	100
90-180	0	0
0-180	18 700.2	100

ILLUMINANCE AT A DISTANCE

CENTER BEAM FC			BEAM WIDTH	
1.7'	3 254		3.0'	2.9'
3.3'	863		5.8'	5.7'
5.0'	376		8.8'	8.6'
6.7'	209		11.7'	11.5'
8.3'	136		14.6'	14.3'
10.0'	94.0		17.5'	17.2'
■ Vert. Spread: 82.5° ■ Hor. Spread: 81.5°				

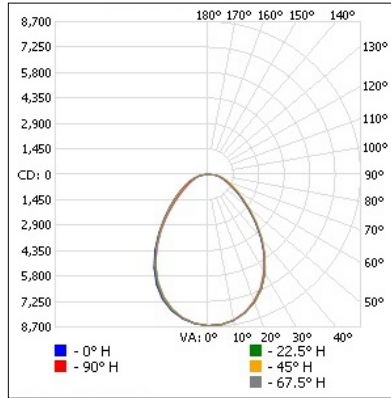
¹ Complete IES files available on our website.

E5H GEN. 2

PHOTOMETRIC DATA¹

E5H-24PS160-32-3C • 110 W • 4 000 K • 17 141 LM

POLAR CANDELA DISTRIBUTION



ZONAL LUMEN SUMMARY

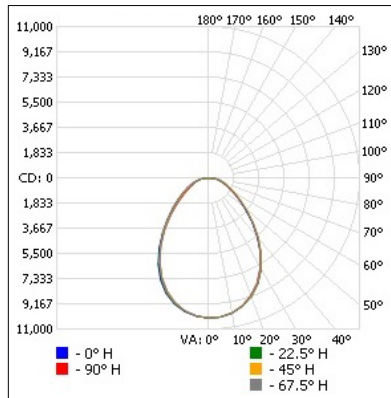
ZONE	LUMENS	% FIXTURE
0-30	6 268.7	36.6
0-40	9 627.1	56.2
0-60	14 497.5	84.6
60-90	2 643.2	15.4
70-100	1 241.8	7.2
90-120	0	0
0-90	17 140.6	100
90-180	0	0
0-180	17 140.6	100

ILLUMINANCE AT A DISTANCE

CENTER BEAM FC			BEAM WIDTH	
1.7'	2 982		3.0'	2.9'
3.3'	791		5.8'	5.7'
5.0'	345		8.8'	8.6'
6.7'	192		11.7'	11.5'
8.3'	125		14.6'	14.3'
10.0'	86.2		17.5'	17.2'
■ Vert. Spread: 82.5° ■ Hor. Spread: 81.5°				

E5H-24PS160-32-3C • 130 W • 4 000 K • 20 260 LM

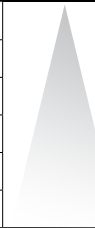
POLAR CANDELA DISTRIBUTION



ZONAL LUMEN SUMMARY

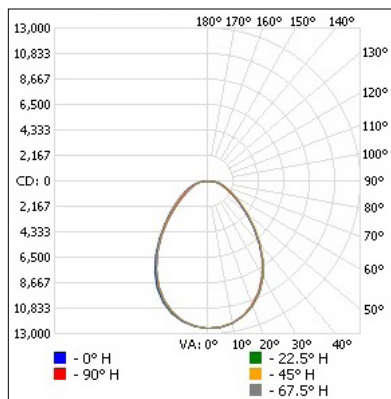
ZONE	LUMENS	% FIXTURE
0-30	7 409.5	36.6
0-40	11 379.0	56.2
0-60	17 135.7	84.6
60-90	3 124.2	15.4
70-100	1 467.8	7.2
90-120	0	0
0-90	20 259.8	100
90-180	0	0
0-180	20 259.8	100

ILLUMINANCE AT A DISTANCE

CENTER BEAM FC			BEAM WIDTH	
1.7'	3 525		3.0'	2.9'
3.3'	935		5.8'	5.7'
5.0'	407		8.8'	8.6'
6.7'	227		11.7'	11.5'
8.3'	148		14.6'	14.3'
10.0'	102		17.5'	17.2'
Vert. Spread: 82.5° Hor. Spread: 81.5°				

E5H-24PS160-32-3C • 160 W • 4 000 K • 24 935 LM

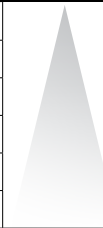
POLAR CANDELA DISTRIBUTION



ZONAL LUMEN SUMMARY

ZONE	LUMENS	% FIXTURE
0-30	9 119.3	36.6
0-40	14 004.8	56.2
0-60	21 089.8	84.6
60-90	3 845.1	15.4
70-100	1 806.5	7.2
90-120	0	0
0-90	24 934.9	100
90-180	0	0
0-180	24 934.9	100

ILLUMINANCE AT A DISTANCE

CENTER BEAM FC			BEAM WIDTH	
1.7'	4 338		3.0'	2.9'
3.3'	1 151		5.8'	5.7'
5.0'	502		8.8'	8.6'
6.7'	279		11.7'	11.5'
8.3'	182		14.6'	14.3'
10.0'	125		17.5'	17.2'
■ Vert. Spread: 82.5° ■ Hor. Spread: 81.5°				

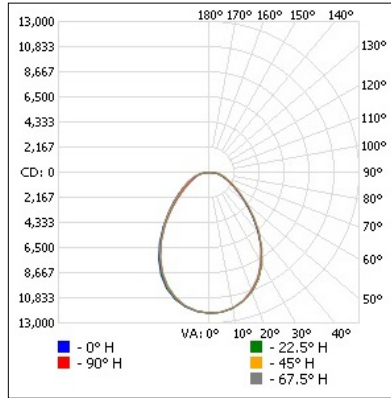
¹ Complete IES files available on our website.

E5H GEN. 2

PHOTOMETRIC DATA¹

E5H-24PS200-32-3C • 155 W • 4 000 K • 21 153 LM

POLAR CANDELA DISTRIBUTION



ZONAL LUMEN SUMMARY

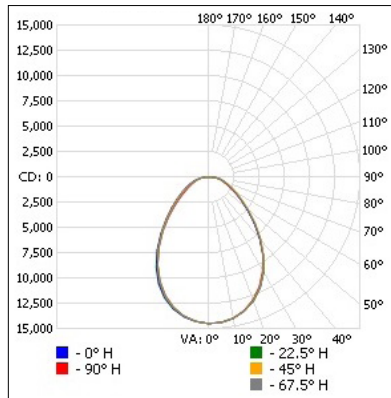
ZONE	LUMENS	% FIXTURE
0-30	8 833.4	36.6
0-40	13 565.8	56.2
0-60	20 428.7	84.6
60-90	3 724.6	15.4
70-100	1 749.9	7.2
90-120	0	0
0-90	24 153.2	100
90-180	0	0
0-180	24 153.2	100

ILLUMINANCE AT A DISTANCE

CENTER BEAM FC			BEAM WIDTH	
1.7'	4 202		3.0'	2.9'
3.3'	1 115		5.8'	5.7'
5.0'	486		8.8'	8.6'
6.7'	271		11.7'	11.5'
8.3'	176		14.6'	14.3'
10.0'	121		17.5'	17.2'
■ Vert. Spread: 82.5° ■ Hor. Spread: 81.5°				

E5H-24PS200-32-3C • 185 W • 4 000 K • 28 828 LM

POLAR CANDELA DISTRIBUTION



ZONAL LUMEN SUMMARY

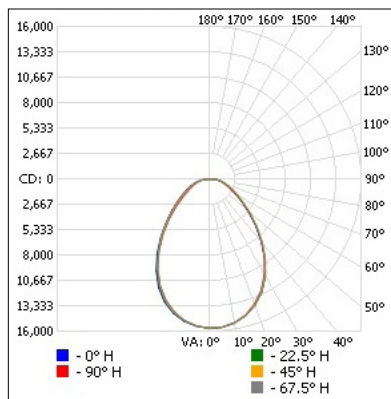
ZONE	LUMENS	% FIXTURE
0-30	10 543.2	36.6
0-40	16 191.6	56.2
0-60	24 382.8	84.6
60-90	4 445.5	15.4
70-100	2 088.6	7.2
90-120	0	0
0-90	28 828.3	100
90-180	0	0
0-180	28 828.3	100

ILLUMINANCE AT A DISTANCE

CENTER BEAM FC			BEAM WIDTH	
1.7'	5 016		3.0'	2.9'
3.3'	1 331		5.8'	5.7'
5.0'	580		8.8'	8.6'
6.7'	323		11.7'	11.5'
8.3'	210		14.6'	14.3'
10.0'	145		17.5'	17.2'
Vert. Spread: 82.5° Hor. Spread: 81.5°				

E5H-24PS200-32-3C • 200 W • 4 000 K • 31 166 LM

POLAR CANDELA DISTRIBUTION



ZONAL LUMEN SUMMARY

ZONE	LUMENS	% FIXTURE
0-30	11 398.0	36.6
0-40	17 504.4	56.2
0-60	26 359.9	84.6
60-90	4 805.9	15.4
70-100	2 258.0	7.2
90-120	0	0
0-90	31 165.8	100
90-180	0	0
0-180	31 165.8	100

ILLUMINANCE AT A DISTANCE

CENTER BEAM FC			BEAM WIDTH	
1.7'	5 422		3.0'	2.9'
3.3'	1 439		5.8'	5.7'
5.0'	627		8.8'	8.6'
6.7'	349		11.7'	11.5'
8.3'	227		14.6'	14.3'
10.0'	157		17.5'	17.2'
Vert. Spread: 82.5° Hor. Spread: 81.5°				

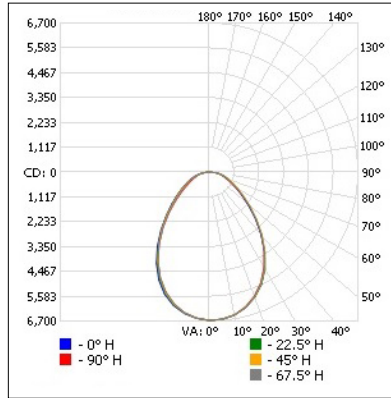
¹ Complete IES files available on our website.

ESH GEN. 2

PHOTOMETRIC DATA¹

ESH-48PS160-32-3C • 85 W • 4 000 K • 13 247 LM

POLAR CANDELA DISTRIBUTION



ZONAL LUMEN SUMMARY

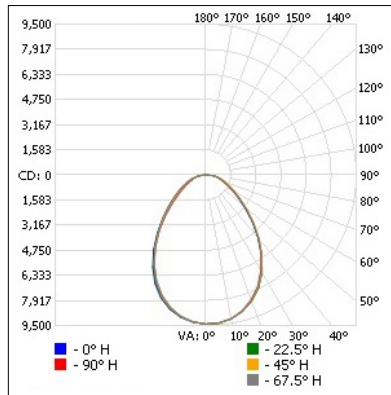
ZONE	LUMENS	% FIXTURE
0-30	4 844.8	36.6
0-40	7 440.4	56.2
0-60	11 204.5	84.6
60-90	2 042.8	15.4
70-100	959.8	7.2
90-120	0	0
0-90	13 247.2	100
90-180	0	0
0-180	13 247.2	100

ILLUMINANCE AT A DISTANCE

CENTER BEAM FC			BEAM WIDTH	
1.7'	2 305		3.0'	2.9'
3.3'	612		5.8'	5.7'
5.0'	266		8.8'	8.6'
6.7'	148		11.7'	11.5'
8.3'	96.7		14.6'	14.3'
10.0'	66.6		17.5'	17.2'
■ Vert. Spread: 82.5° ■ Hor. Spread: 81.5°				

ESH-48PS160-32-3C • 120 W • 4 000 K • 18 700 LM

POLAR CANDELA DISTRIBUTION



ZONAL LUMEN SUMMARY

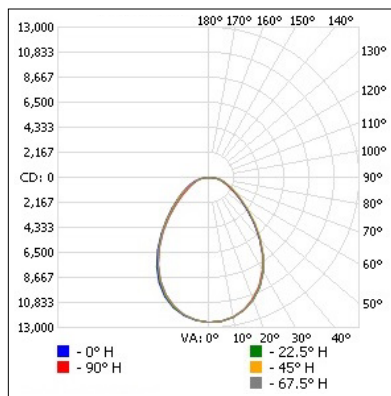
ZONE	LUMENS	% FIXTURE
0-30	6 839.1	36.6
0-40	10 503.1	56.2
0-60	15 816.6	84.6
60-90	2 883.7	15.4
70-100	1 354.8	7.2
90-120	0	0
0-90	18 700.2	100
90-180	0	0
0-180	18 700.2	100

ILLUMINANCE AT A DISTANCE

CENTER BEAM FC			BEAM WIDTH	
1.7'	3 254		3.0'	2.9'
3.3'	863		5.8'	5.7'
5.0'	376		8.8'	8.6'
6.7'	209		11.7'	11.5'
8.3'	136		14.6'	14.3'
10.0'	94.0		17.5'	17.2'
■ Vert. Spread: 82.5° ■ Hor. Spread: 81.5°				

ESH-48PS160-32-3C • 160 W • 4 000 K • 24 935 LM

POLAR CANDELA DISTRIBUTION



ZONAL LUMEN SUMMARY

ZONE	LUMENS	% FIXTURE
0-30	9 119.3	36.6
0-40	14 004.8	56.2
0-60	21 089.8	84.6
60-90	3 845.1	15.4
70-100	1 806.5	7.2
90-120	0	0
0-90	24 934.9	100
90-180	0	0
0-180	24 934.9	100

ILLUMINANCE AT A DISTANCE

CENTER BEAM FC			BEAM WIDTH	
1.7'	4 338		3.0'	2.9'
3.3'	1 151		5.8'	5.7'
5.0'	502		8.8'	8.6'
6.7'	279		11.7'	11.5'
8.3'	182		14.6'	14.3'
10.0'	125		17.5'	17.2'
■ Vert. Spread: 82.5° ■ Hor. Spread: 81.5°				

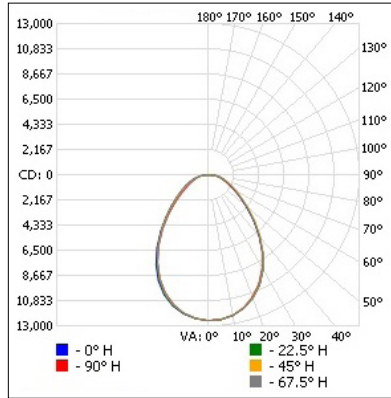
¹ Complete IES files available on our website.

E5H GEN. 2

PHOTOMETRIC DATA¹

E5H-48PS240-32-3C • 160 W • 4 000 K • 24 935 LM

POLAR CANDELA DISTRIBUTION



ZONAL LUMEN SUMMARY

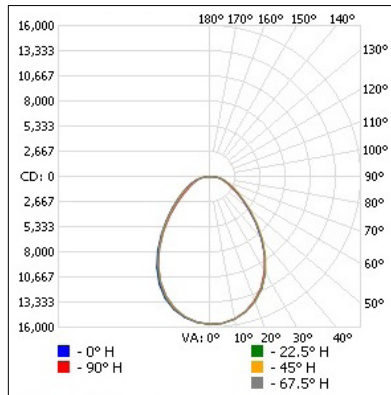
ZONE	LUMENS	% FIXTURE
0-30	9 119.3	36.6
0-40	14 004.8	56.2
0-60	21 089.8	84.6
60-90	3 845.1	15.4
70-100	1 806.5	7.2
90-120	0	0
0-90	24 934.9	100
90-180	0	0
0-180	24 934.9	100

ILLUMINANCE AT A DISTANCE

CENTER BEAM FC			BEAM WIDTH	
1.7'	4 338		3.0'	2.9'
3.3'	1 151		5.8'	5.7'
5.0'	502		8.8'	8.6'
6.7'	279		11.7'	11.5'
8.3'	182		14.6'	14.3'
10.0'	125		17.5'	17.2'
■ Vert. Spread: 82.5° ■ Hor. Spread: 81.5°				

E5H-48PS240-32-3C • 200 W • 4 000 K • 31 166 LM

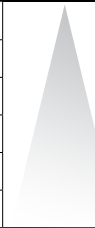
POLAR CANDELA DISTRIBUTION



ZONAL LUMEN SUMMARY

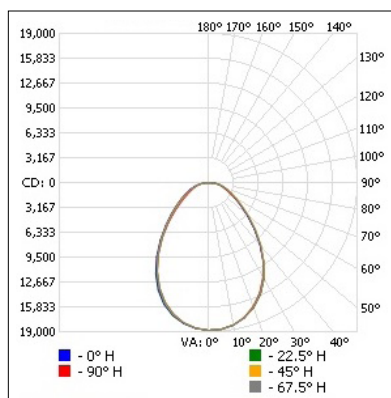
ZONE	LUMENS	% FIXTURE
0-30	11 398.0	36.6
0-40	17 504.4	56.2
0-60	26 359.9	84.6
60-90	4 805.9	15.4
70-100	2 258.0	7.2
90-120	0	0
0-90	31 165.8	100
90-180	0	0
0-180	31 165.8	100

ILLUMINANCE AT A DISTANCE

CENTER BEAM FC			BEAM WIDTH	
1.7'	5 422		3.0'	2.9'
3.3'	1 439		5.8'	5.7'
5.0'	627		8.8'	8.6'
6.7'	349		11.7'	11.5'
8.3'	227		14.6'	14.3'
10.0'	157		17.5'	17.2'
■ Vert. Spread: 82.5° ■ Hor. Spread: 81.5°				

E5H-48PS240-32-3C • 240 W • 4 000 K • 37 400 LM

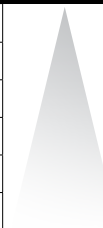
POLAR CANDELA DISTRIBUTION



ZONAL LUMEN SUMMARY

ZONE	LUMENS	% FIXTURE
0-30	13 678.2	36.6
0-40	21 006.2	56.2
0-60	31 633.1	84.6
60-90	5 767.3	15.4
70-100	2 709.7	7.2
90-120	0	0
0-90	37 400.4	100
90-180	0	0
0-180	37 400.4	100

ILLUMINANCE AT A DISTANCE

CENTER BEAM FC			BEAM WIDTH	
1.7'	6 507		3.0'	2.9'
3.3'	1 727		5.8'	5.7'
5.0'	752		8.8'	8.6'
6.7'	419		11.7'	11.5'
8.3'	273		14.6'	14.3'
10.0'	188		17.5'	17.2'
■ Vert. Spread: 82.5° ■ Hor. Spread: 81.5°				

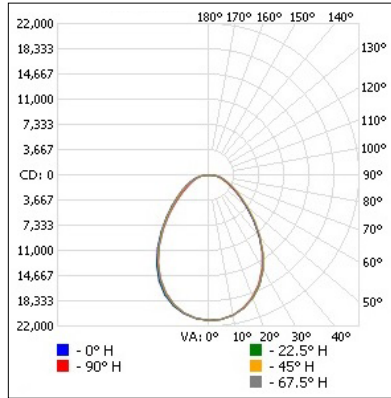
¹ Complete IES files available on our website.

E5H GEN. 2

PHOTOMETRIC DATA¹

E5H-48PS360-32-3C • 270 W • 4 000 K • 42 076 LM

POLAR CANDELA DISTRIBUTION



ZONAL LUMEN SUMMARY

ZONE	LUMENS	% FIXTURE
0-30	15 388.0	36.6
0-40	23 631.9	56.2
0-60	35 587.2	84.6
60-90	6 488.3	15.4
70-100	3 048.4	7.2
90-120	0	0
0-90	42 075.5	100
90-180	0	0
0-180	42 075.5	100

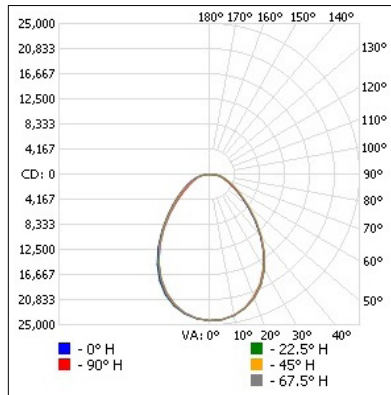
ILLUMINANCE AT A DISTANCE

CENTER BEAM FC			BEAM WIDTH	
1.7'	7 321		3.0'	2.9'
3.3'	1 943		5.8'	5.7'
5.0'	846		8.8'	8.6'
6.7'	471		11.7'	11.5'
8.3'	307		14.6'	14.3'
10.0'	212		17.5'	17.2'

■ Vert. Spread: 82.5° ■ Hor. Spread: 81.5°

E5H-48PS360-32-3C • 310 W • 4 000 K • 48 310 LM

POLAR CANDELA DISTRIBUTION



ZONAL LUMEN SUMMARY

ZONE	LUMENS	% FIXTURE
0-30	17 668.1	36.6
0-40	27 133.7	56.2
0-60	40 860.5	84.6
60-90	7 449.7	15.4
70-100	3 500.1	7.2
90-120	0	0
0-90	48 310.2	100
90-180	0	0
0-180	48 310.2	100

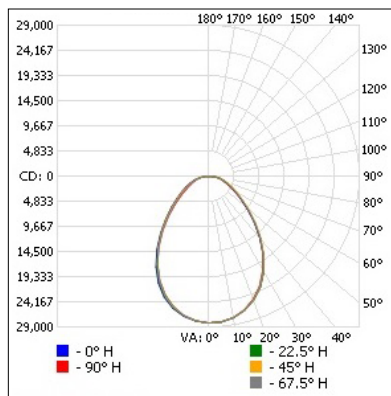
ILLUMINANCE AT A DISTANCE

CENTER BEAM FC			BEAM WIDTH	
1.7'	8 405		3.0'	2.9'
3.3'	2 231		5.8'	5.7'
5.0'	972		8.8'	8.6'
6.7'	541		11.7'	11.5'
8.3'	353		14.6'	14.3'
10.0'	243		17.5'	17.2'

■ Vert. Spread: 82.5° ■ Hor. Spread: 81.5°

E5H-48PS360-32-3C • 360 W • 4 000 K • 56 101 LM

POLAR CANDELA DISTRIBUTION



ZONAL LUMEN SUMMARY

ZONE	LUMENS	% FIXTURE
0-30	20 517.3	36.6
0-40	31 509.3	56.2
0-60	47 449.7	84.6
60-90	8 651.0	15.4
70-100	4 064.5	7.2
90-120	0	0
0-90	56 100.7	100
90-180	0	0
0-180	56 100.7	100

ILLUMINANCE AT A DISTANCE

CENTER BEAM FC			BEAM WIDTH	
1.7'	9 761		3.0'	2.9'
3.3'	2 590		5.8'	5.7'
5.0'	1 128		8.8'	8.6'
6.7'	628		11.7'	11.5'
8.3'	409		14.6'	14.3'
10.0'	282		17.5'	17.2'

■ Vert. Spread: 82.5° ■ Hor. Spread: 81.5°

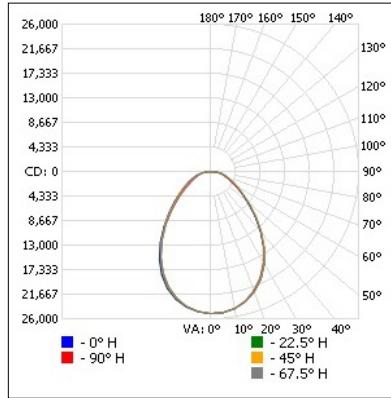
¹ Complete IES files available on our website.

ESH GEN. 2

PHOTOMETRIC DATA¹

ESH-48PS480-32-3C • 320 W • 4 000 K • 49 866 LM

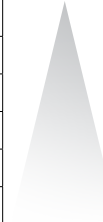
POLAR CANDELA DISTRIBUTION



ZONAL LUMEN SUMMARY

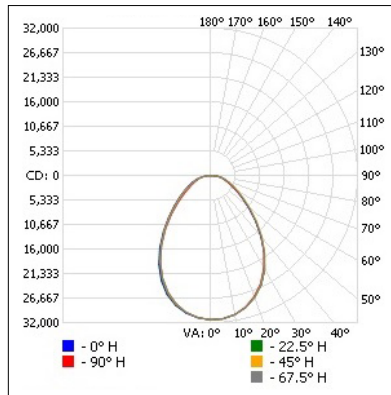
ZONE	LUMENS	% FIXTURE
0-30	18 237.1	36.6
0-40	28 007.5	56.2
0-60	42 176.4	84.6
60-90	7 689.6	15.4
70-100	3 612.8	7.2
90-120	0	0
0-90	49 866.0	100
90-180	0	0
0-180	49 866.0	100

ILLUMINANCE AT A DISTANCE

CENTER BEAM FC			BEAM WIDTH	
1.7'	8 676		3.0'	2.9'
3.3'	2 302		5.8'	5.7'
5.0'	1 003		8.8'	8.6'
6.7'	559		11.7'	11.5'
8.3'	364		14.6'	14.3'
10.0'	251		17.5'	17.2'
■ Vert. Spread: 82.5° ■ Hor. Spread: 81.5°				

ESH-48PS480-32-3C • 400 W • 4 000 K • 62 335 LM

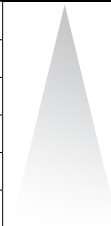
POLAR CANDELA DISTRIBUTION



ZONAL LUMEN SUMMARY

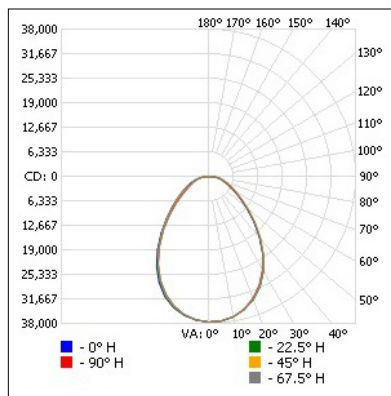
ZONE	LUMENS	% FIXTURE
0-30	22 797.5	36.6
0-40	35 011.0	56.2
0-60	52 722.9	84.6
60-90	9 612.4	15.4
70-100	4 516.2	7.2
90-120	0	0
0-90	62 335.3	100
90-180	0	0
0-180	62 335.3	100

ILLUMINANCE AT A DISTANCE

CENTER BEAM FC			BEAM WIDTH	
1.7'	10 845		3.0'	2.9'
3.3'	2 878		5.8'	5.7'
5.0'	1 254		8.8'	8.6'
6.7'	698		11.7'	11.5'
8.3'	455		14.6'	14.3'
10.0'	313		17.5'	17.2'
■ Vert. Spread: 82.5° ■ Hor. Spread: 81.5°				

ESH-48PS480-32-3C • 480 W • 4 000 K • 74 801 LM

POLAR CANDELA DISTRIBUTION



ZONAL LUMEN SUMMARY

ZONE	LUMENS	% FIXTURE
0-30	27 356.4	36.6
0-40	42 012.3	56.2
0-60	63 266.2	84.6
60-90	11 534.7	15.4
70-100	5 419.3	7.2
90-120	0	0
0-90	74 800.9	100
90-180	0	0
0-180	74 800.9	100

ILLUMINANCE AT A DISTANCE

CENTER BEAM FC			BEAM WIDTH	
1.7'	13 014		3.0'	2.9'
3.3'	3 454		5.8'	5.7'
5.0'	1 504		8.8'	8.6'
6.7'	838		11.7'	11.5'
8.3'	546		14.6'	14.3'
10.0'	376		17.5'	17.2'
■ Vert. Spread: 82.5° ■ Hor. Spread: 81.5°				

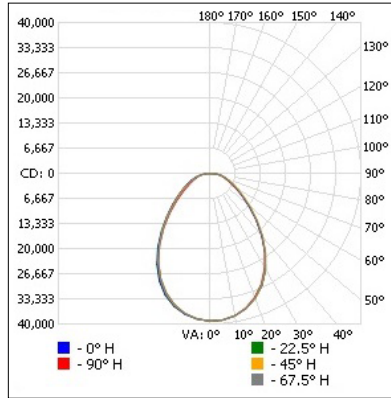
¹ Complete IES files available on our website.

E5H GEN. 2

PHOTOMETRIC DATA¹

E5H-48PS625-32-3C • 500 W • 4 000 K • 77 916 LM

POLAR CANDELA DISTRIBUTION



ZONAL LUMEN SUMMARY

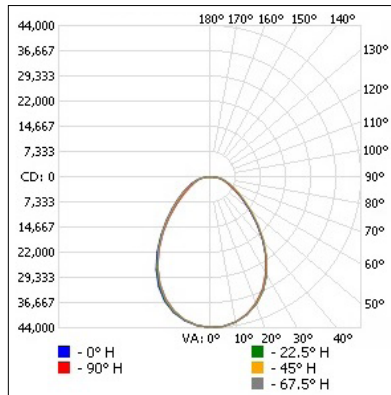
ZONE	LUMENS	% FIXTURE
0-30	28 495.8	36.6
0-40	43 762.2	56.2
0-60	65 901.2	84.6
60-90	12 015.1	15.4
70-100	5 645.1	7.2
90-120	0	0
0-90	77 916.3	100
90-180	0	0
0-180	77 916.3	100

ILLUMINANCE AT A DISTANCE

CENTER BEAM FC			BEAM WIDTH	
1.7'	13 556		3.0'	2.9'
3.3'	3 598		5.8'	5.7'
5.0'	1 567		8.8'	8.6'
6.7'	873		11.7'	11.5'
8.3'	569		14.6'	14.3'
10.0'	392		17.5'	17.2'
■ Vert. Spread: 82.5° ■ Hor. Spread: 81.5°				

E5H-48PS625-32-3C • 560 W • 4 000 K • 87 267 LM

POLAR CANDELA DISTRIBUTION



ZONAL LUMEN SUMMARY

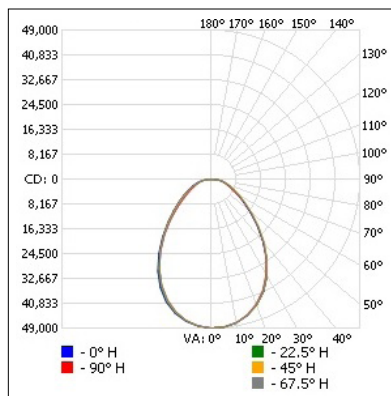
ZONE	LUMENS	% FIXTURE
0-30	31 915.3	36.6
0-40	49 013.7	56.2
0-60	73 809.5	84.6
60-90	13 456.9	15.4
70-100	6 322.5	7.2
90-120	0	0
0-90	87 266.5	100
90-180	0	0
0-180	87 266.5	100

ILLUMINANCE AT A DISTANCE

CENTER BEAM FC			BEAM WIDTH	
1.7'	15 183		3.0'	2.9'
3.3'	4 029		5.8'	5.7'
5.0'	1 755		8.8'	8.6'
6.7'	977		11.7'	11.5'
8.3'	637		14.6'	14.3'
10.0'	439		17.5'	17.2'
■ Vert. Spread: 82.5° ■ Hor. Spread: 81.5°				

E5H-48PS625-32-3C • 625 W • 4 000 K • 97 398 LM

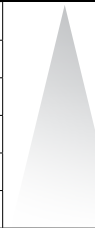
POLAR CANDELA DISTRIBUTION



ZONAL LUMEN SUMMARY

ZONE	LUMENS	% FIXTURE
0-30	35 620.8	36.6
0-40	54 704.3	56.2
0-60	82 378.9	84.6
60-90	15 019.3	15.4
70-100	7 056.5	7.2
90-120	0	0
0-90	97 398.2	100
90-180	0	0
0-180	97 398.2	100

ILLUMINANCE AT A DISTANCE

CENTER BEAM FC			BEAM WIDTH	
1.7'	16 946		3.0'	2.9'
3.3'	4 497		5.8'	5.7'
5.0'	1 959		8.8'	8.6'
6.7'	1 091		11.7'	11.5'
8.3'	711		14.6'	14.3'
10.0'	490		17.5'	17.2'
■ Vert. Spread: 82.5° ■ Hor. Spread: 81.5°				

¹ Complete IES files available on our website.