



HALOSPAN HB SERIES

ESLHSP160W

CORE™

Key Features & Benefits:

- Field-selectable wattage, four taps
- Field-selectable CCT, 4000K and 5000K
- Tool-less lens change, no fasteners
- High-transmittance PC lens, UGR under 28
- Die-cast aluminum housing
- 6kV surge protection
- 3-pin sensor base standard
- Aircraft cable suspension ships standard

Product Specifications:

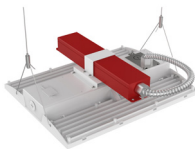
Selectable Wattage: 50W–80W–110W–160W
Selectable Kelvin: 4000K–5000K
Max Lumen Output: 24,480 Lumens
Efficacy: 153 lm/W
Beam Angle: 90°
CRI: >80
Voltage: 120–277 VAC
Input Frequency: 50/60 Hz
Dimming: 0–10V Dim-to-Off
Operating Temperature: -13°F to 122°F
Lifetime Rated: >102,000 hrs
Power Factor: ≥0.92
THD: ≥10%
Material: Die Cast Aluminum
Finish: White
Dimensions: L14.41” x W11.5” x H2.01”
Weight (lbs): 6.97
Warranty: 5 Year

Project:

Date:

Catalog #:

Notes:



PART NUMBER:

ESLHSP160W



Lumen Ambient Temperature (LAT) Multipliers:

Ambient Temp		Lumen Multiplier
0°C	32°F	1.02
10°C	50°F	1.01
20°C	68°F	1.00
25°C	77°F	1.00
30°C	86°F	1.00
40°C	104°F	0.99
50°C	122°F	0.96



Field Installed Accessories:

OPTION	DESCRIPTION
ESLHSPSM	Halospan surface mount kit, set of 2
ESLHSPCM	Halospan conduit and surface mount kit
ESLHSPPM	Halospan aircraft cable suspension mount, 1.5 m, set of 2
ESLHSPLAS	Halospan aisle optic lens, small, pair
ESLHSPLMS	Halospan milky optic lens, small, pair
ESLSEN01	PIR motion sensor, 3-pin screw-in base
ESLREM01	Handheld remote controller for ESL 3-pin motion sensors
ESLCORDB06	Power cord set, 6 ft, black, no plug, 300V
ESLCORDB10	Power cord set, 10 ft, black, no plug, 300V
ESLCORDB12	Power cord set, 12 ft, black, no plug, 300V

Catalog Data:

ITEM #	SELECTABLE WATTAGE	SELECTABLE KELVIN	MAX LUMEN OUTPUT	MAX EFFICACY	DIMENSIONS (LxWxH)
ESLHSP120W	35W–60W–80W–120W	4000K–5000K	19,320 Lumens	161 lm/W	L14.41" x W11.5" x H2.01"
ESLHSP120WEM	35W–60W–80W–120W	4000K–5000K	19,320 Lumens	161 lm/W	L14.41" x W11.5" x H2.01"
ESLHSP160W	50W–80W–110W–160W	4000K–5000K	24,480 Lumens	153 lm/W	L14.41" x W11.5" x H2.01"
ESLHSP160WEM	50W–80W–110W–160W	4000K–5000K	24,480 Lumens	153 lm/W	L14.41" x W11.5" x H2.01"
ESLHSP210W	60W–105W–140W–210W	4000K–5000K	31,710 Lumens	151 lm/W	L14.41" x W11.5" x H2.01"
ESLHSP210WEM	60W–105W–140W–210W	4000K–5000K	31,710 Lumens	151 lm/W	L14.41" x W11.5" x H2.01"
ESLHSP210WHE	60W–105W–140W–210W	4000K–5000K	36,330 Lumens	173 lm/W	L14.41" x W11.5" x H2.01"
ESLHSP210WHV	60W–105W–140W–210W	4000K–5000K	31,710 Lumens	151 lm/W	L14.41" x W11.5" x H2.01"
ESLHSP210WHVEM	60W–105W–140W–210W	4000K–5000K	31,710 Lumens	151 lm/W	L14.41" x W11.5" x H2.01"
ESLHSP320W	95W–160W–215W–320W	4000K–5000K	48,640 Lumens	152 lm/W	L20.47" x W11.5" x H2.05"
ESLHSP320WEM	95W–160W–215W–320W	4000K–5000K	48,640 Lumens	152 lm/W	L20.47" x W11.5" x H2.05"
ESLHSP320WHE	95W–160W–215W–320W	4000K–5000K	54,720 Lumens	171 lm/W	L20.47" x W11.5" x H2.05"
ESLHSP320WHV	95W–160W–215W–320W	4000K–5000K	48,640 Lumens	152 lm/W	L20.47" x W11.5" x H2.05"
ESLHSP320WHVEM	95W–160W–215W–320W	4000K–5000K	48,640 Lumens	152 lm/W	L20.47" x W11.5" x H2.05"
ESLHSP420W	120W–210W–280W–420W	4000K–5000K	63,420 Lumens	151 lm/W	L28.86" x W11.5" x H2.01"

Standard Voltage Electrical Load:

SYSTEM WATTS	120 VAC	208 VAC	240 VAC	277 VAC	INPUT VOLTAGE	INPUT FREQUENCY	POWER FACTOR	THD	OPERATING TEMP	SURGE PROTECTION	DIMMING
35	0.29	0.17	0.15	0.13	120–277 VAC	50/60 Hz	≥0.92	≥10%	-13°F to 122°F	6kV	0–10V Dim-to-Off
50	0.42	0.24	0.21	0.18	120–277 VAC	50/60 Hz	≥0.92	≥10%	-13°F to 122°F	6kV	0–10V Dim-to-Off
60	0.50	0.29	0.25	0.22	120–277 VAC	50/60 Hz	≥0.92	≥10%	-13°F to 122°F	6kV	0–10V Dim-to-Off
80	0.67	0.38	0.33	0.29	120–277 VAC	50/60 Hz	≥0.92	≥10%	-13°F to 122°F	6kV	0–10V Dim-to-Off



HALOSPAN HB SERIES

ESLHSP160W

Page 3 of 5



Standard Voltage Electrical Load:

SYSTEM WATTS	120 VAC	208 VAC	240 VAC	277 VAC	INPUT VOLTAGE	INPUT FREQUENCY	POWER FACTOR	THD	OPERATING TEMP	SURGE PROTECTION	DIMMING
95	0.79	0.46	0.40	0.34	120–277 VAC	50/60 Hz	≥0.92	≥10%	-13°F to 122°F	6kV	0–10V Dim-to-Off
105	0.88	0.50	0.44	0.38	120–277 VAC	50/60 Hz	≥0.92	≥10%	-13°F to 122°F	6kV	0–10V Dim-to-Off
110	0.92	0.53	0.46	0.40	120–277 VAC	50/60 Hz	≥0.92	≥10%	-13°F to 122°F	6kV	0–10V Dim-to-Off
120	1.00	0.58	0.50	0.43	120–277 VAC	50/60 Hz	≥0.92	≥10%	-13°F to 122°F	6kV	0–10V Dim-to-Off
140	1.17	0.67	0.58	0.51	120–277 VAC	50/60 Hz	≥0.92	≥10%	-13°F to 122°F	6kV	0–10V Dim-to-Off
160	1.33	0.77	0.67	0.58	120–277 VAC	50/60 Hz	≥0.92	≥10%	-13°F to 122°F	6kV	0–10V Dim-to-Off
210	1.75	1.01	0.88	0.76	120–277 VAC	50/60 Hz	≥0.92	≥10%	-13°F to 122°F	6kV	0–10V Dim-to-Off
215	1.79	1.03	0.90	0.78	120–277 VAC	50/60 Hz	≥0.92	≥10%	-13°F to 122°F	6kV	0–10V Dim-to-Off
280	2.33	1.35	1.17	1.01	120–277 VAC	50/60 Hz	≥0.92	≥10%	-13°F to 122°F	6kV	0–10V Dim-to-Off
320	2.67	1.54	1.33	1.16	120–277 VAC	50/60 Hz	≥0.92	≥10%	-13°F to 122°F	6kV	0–10V Dim-to-Off
420	3.50	2.02	1.75	1.52	120–277 VAC	50/60 Hz	≥0.92	≥10%	-13°F to 122°F	6kV	0–10V Dim-to-Off

High Voltage Electrical Load:

SYSTEM WATTS	277 VAC	347 VAC	480 VAC	INPUT VOLTAGE	INPUT FREQUENCY	POWER FACTOR	THD	OPERATING TEMP	SURGE PROTECTION	DIMMING
60	0.22	0.17	0.13	277–480 VAC	50/60 Hz	≥0.92	≥10%	-13°F to 122°F	6kV	0–10V Dim-to-Off
95	0.34	0.27	0.20	277–480 VAC	50/60 Hz	≥0.92	≥10%	-13°F to 122°F	6kV	0–10V Dim-to-Off
105	0.38	0.30	0.22	277–480 VAC	50/60 Hz	≥0.92	≥10%	-13°F to 122°F	6kV	0–10V Dim-to-Off
140	0.51	0.40	0.29	277–480 VAC	50/60 Hz	≥0.92	≥10%	-13°F to 122°F	6kV	0–10V Dim-to-Off
160	0.58	0.46	0.33	277–480 VAC	50/60 Hz	≥0.92	≥10%	-13°F to 122°F	6kV	0–10V Dim-to-Off
210	0.76	0.61	0.44	277–480 VAC	50/60 Hz	≥0.92	≥10%	-13°F to 122°F	6kV	0–10V Dim-to-Off
215	0.78	0.62	0.45	277–480 VAC	50/60 Hz	≥0.92	≥10%	-13°F to 122°F	6kV	0–10V Dim-to-Off
320	1.16	0.92	0.67	277–480 VAC	50/60 Hz	≥0.92	≥10%	-13°F to 122°F	6kV	0–10V Dim-to-Off

Standard Voltage Lumen Breakdown:

ITEM #	SYSTEM WATTAGE	4000K	5000K
ESLHSP120W	35	6679	6660
	60	10914	10799
	80	13936	13782
	120	19557	19423

Standard Voltage Lumen Breakdown:

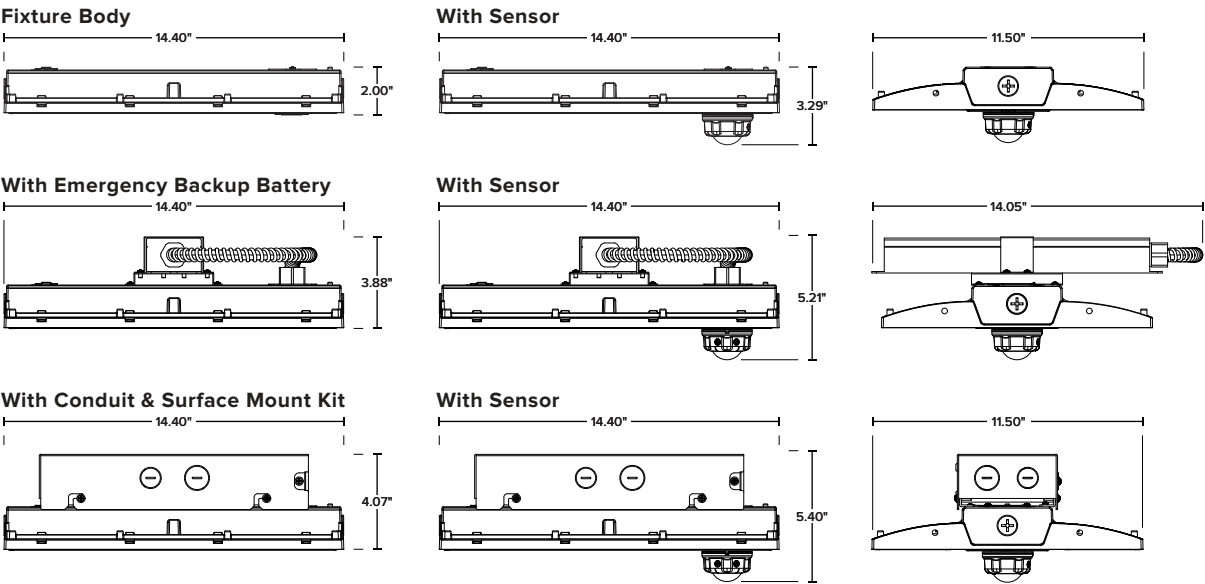
ITEM #	SYSTEM WATTAGE	4000K	5000K
ESLHSP160W	50	9255	9006
	80	14045	13696
	110	18560	18111
	160	25246	24622
ESLHSP210W	60	10963	10673
	105	18164	17875
	140	23404	22793
	210	32727	31730
ESLHSP320W	95	17412	16879
	160	27937	27113
	215	36183	34970
	320	50297	48696
ESLHSP420W	120	21889	21262
	210	36502	35373
	280	46788	45345
	420	65541	63534
ESLHSP210WHE	60	12223	12223
	105	20310	20273
	140	26071	25997
	210	36632	36448
ESLHSP320WHE	95	19189	18969
	160	30736	30461
	215	39753	39313
	320	55314	54654

High Voltage Lumen Breakdown:

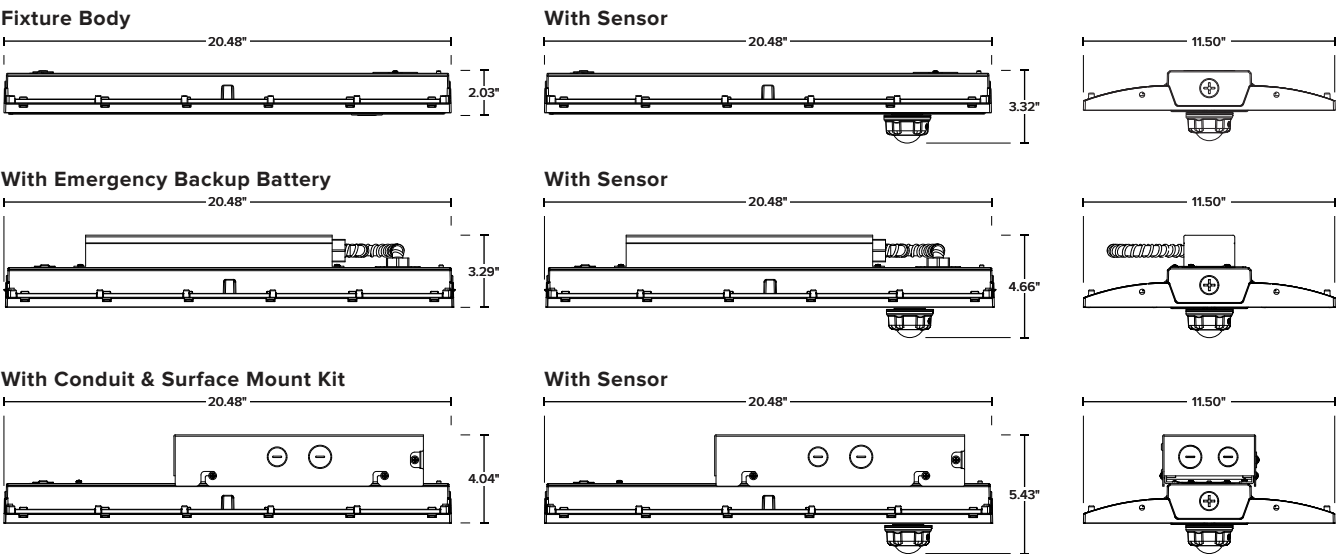
ITEM #	SYSTEM WATTAGE	4000K	5000K
ESLHSP210WHV	60	10963	10673
	105	18164	17875
	140	23404	22793
	210	32727	31730
ESLHSP320WHV	95	17412	16879
	160	27937	27113
	215	36183	34970
	320	50297	48696

Dimensions:

ESLHSP120W, ESLHSP160W, ESLHSP210W



ESLHSP320W



ESLHSP420W

