

PHOTOMETRIC DATA

LUX-IK10P-E-3-DA-HO3-850-2-U10-CA2

LUMEN OUTPUT TABLE

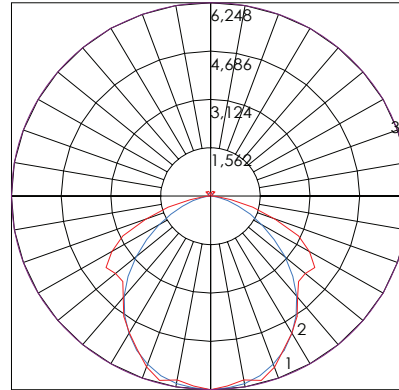
80+ CRI STANDARD

Lens	5000K	4000K	3500K	3000K
NL (No Lens)	19,719	18,930	18,536	18,141
CAx (Clear Acrylic)	17,944	17,227	16,868	16,509
WAx (White Acrylic)	16,564	15,901	15,570	15,239
CPx (Clear Polycarbonate)	16,958	16,280	15,941	15,602
WPx (White Polycarbonate)	15,381	14,766	14,458	14,150

ZONAL LUMEN SUMMARY

Zone	Lumens	%Fixt
0-20	2,278	12.60%
0-30	4,813	26.60%
0-40	7,768	42.90%
0-60	13,557	74.80%
0-80	17,175	94.70%
0-90	17,501	96.50%
10-90	16,915	93.30%
20-40	5,491	30.30%
20-50	8,458	46.70%
40-70	8,100	44.70%
60-80	3,618	20.00%
70-80	1,307	7.20%
80-90	326	1.80%
90-110	69	0.40%
90-120	137	0.80%
90-130	254	1.40%
90-150	513	2.80%
90-180	627	3.50%
110-180	558	3.10%
0-180	18,128	100.00%

POLAR CANDELA GRAPH



LEGEND:

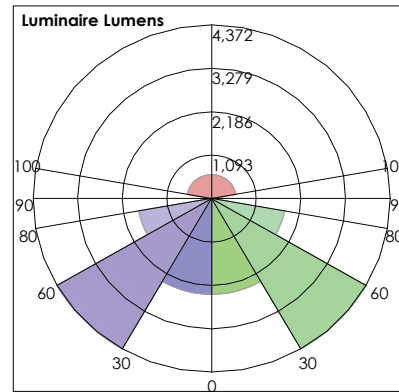
MAXIMUM CANDELA = 6248
LOCATED AT:
HORIZONTAL ANGLE = 0,
VERTICAL ANGLE = 0

#1: VERTICAL PLANE
THROUGH HORIZONTAL
ANGLES (0 - 180)
(THROUGH MAX. CD.)

#2: VERTICAL PLANE
THROUGH HORIZONTAL
ANGLES (90 - 270)

#3: HORIZONTAL CONE
THROUGH VERTICAL ANGLE
(0) (THROUGH MAX. CD.)

LCS GRAPH



FRONT:

LOW=2406.6
MEDIUM=4371.6
HIGH=1809.2
VERY HIGH=163.2

BACK:

LOW=2406.6
MEDIUM=4371.6
HIGH=1809.2
VERY HIGH=163.2

UPLIGHT:

LOW=30.2
HIGH=596.7

BUG RATING:
B3-U4-G2

COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

EFFECTIVE FLOOR CAVITY REFLECTANCE: 20%

RC	80				70				50				40				10				0	
	RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
0	1.18	1.18	1.18	1.18	1.15	1.15	1.15	1.15	1.09	1.09	1.09	1.04	1.04	1.04	.99	.99	.99	.99	.99	.99	.99	.97
1	1.08	1.03	.99	.95	1.05	1.00	.96	.93	.95	.92	.89	.91	.88	.86	.87	.87	.85	.83	.87	.85	.83	.80
2	.98	.90	.83	.77	.95	.87	.81	.76	.83	.78	.73	.79	.75	.71	.76	.72	.69	.67	.76	.72	.69	.67
3	.89	.78	.70	.64	.86	.77	.69	.63	.73	.67	.61	.70	.64	.60	.67	.62	.58	.67	.62	.58	.56	.56
4	.81	.69	.61	.54	.79	.68	.60	.53	.65	.58	.52	.62	.56	.51	.60	.54	.50	.60	.54	.50	.48	.48
5	.75	.62	.53	.46	.73	.61	.52	.46	.58	.51	.45	.56	.49	.44	.54	.48	.43	.54	.48	.43	.41	.41
6	.69	.56	.47	.40	.67	.55	.46	.40	.52	.45	.39	.50	.44	.39	.49	.43	.38	.49	.43	.38	.36	.36
7	.64	.51	.42	.36	.62	.50	.41	.35	.48	.40	.35	.46	.39	.34	.44	.38	.34	.44	.38	.34	.32	.32
8	.60	.46	.38	.32	.58	.45	.37	.32	.44	.36	.31	.42	.36	.31	.41	.35	.30	.41	.35	.30	.28	.28
9	.56	.42	.34	.29	.54	.42	.34	.28	.40	.33	.28	.39	.32	.28	.38	.32	.27	.38	.32	.27	.26	.26
10	.52	.39	.31	.26	.51	.38	.31	.26	.37	.30	.25	.36	.30	.25	.35	.29	.25	.35	.29	.25	.23	.23

OPTION DATA

CONTACT FACTORY FOR DETAILED SPECIFICATIONS OF EACH OPTION. CONTACT FACTORY FOR USE IN 347/480V APPLICATIONS.

DAYLIGHT HARVESTING & OCCUPANCY SENSOR	
CONTROL TYPE	PIR/PHOTOCELL 1-10v
AMBIENT TEMPERATURE	5°C TO 55°C
MOUNTING HEIGHT	8' TO 40'

OCCUPANCY SENSOR - ON/OFF	
CONTROL TYPE	PIR LINE VOLTAGE
AMBIENT TEMPERATURE	-10°C TO 60°C, LOW TEMP OPTION AVAILABLE
MOUNTING HEIGHT	15' TO 40'

WIRELESS CONTROL MODULE	
CONTACT FACTORY FOR WIRELESS CONTROL/SENSOR OPTIONS	

EMERGENCY BATTERY 10-WATT	
APPROX. LUMEN OUTPUT	1,360 LUMENS WITH CA LENS AND 5000K
AMBIENT TEMPERATURE	0°C TO 55°C
ILLUMINATION TIME	90 MINUTES

EMERGENCY BATTERY 15-WATT	
APPROX. LUMEN OUTPUT	2,040 LUMENS WITH CA LENS AND 5000K
AMBIENT TEMPERATURE	0°C TO 55°C
ILLUMINATION TIME	90 MINUTES

MOUNTING DETAILS

CABLE MOUNTS:

HXX-18Y OR HXX-18Y T (AC CABLE 2-POINT)

- “XX” DENOTES LENGTH IN FEET.
- AVAILABLE IN 10’, 20’, 30’
- “T” AT END OF PART NUMBER DENOTES TOGGLE INSTEAD OF HOOK



H4PXX (AC CABLE 4-POINT)

- “XX” DENOTES LENGTH IN FEET.
- AVAILABLE IN 10’, 20’, 30’
- “SS” AT END OF PART NUMBER DENOTES NATATORIUM GRADE 316 STAINLESS STEEL. RECOMMENDED FOR NATATORIUM APPLICATIONS



PENDANT MOUNT:

SPM (SINGLE POINT MOUNT)

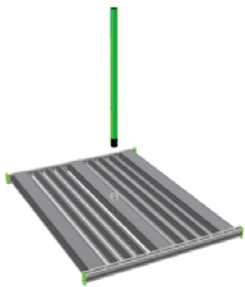
- 3/4” IP THREADED HUB, SUSPENDED JUNCTION BOX
- FIXED LENGTH (3’ OR 5’) AIRCRAFT CABLE HANGERS PROVIDED WITH HOOK ENDS.
- POWER CORD ORDERED SEPARATELY



MYER’S HUB PENDANT MOUNTS:

MH1P (MYERS HUB 1 POINT)

- (1) 3/4” IP THREADED HUB PROVIDED
- OTHER HUB DIAMETERS ARE AVAILABLE, CONTACT FACTORY
- MACHINED MOUNTING POINT IN FIXTURE CENTER PROVIDED
- STEM/THREADED ROD NOT PROVIDED
- NOT AVAILABLE ON ALL MODELS AND OPTIONS, CONTACT FACTORY FOR DETAILS.



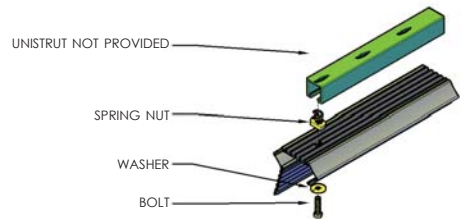
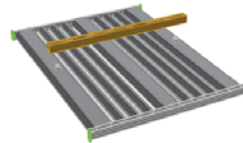
SM (SURFACE MOUNT)

- NO ADDITIONAL HANGING HARDWARE PROVIDED
- FIXTURE MAY BE ANCHORED TO ANY SUITABLE SUBSTRATE THROUGH ELECTRONICS CHANNEL



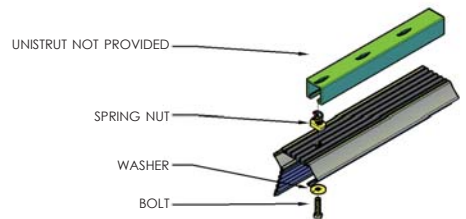
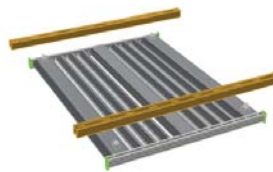
UH2 (UNISTRUT HARDWARE, 2 POINT)

- UNISTRUT HARDWARE INCLUDES SPRING-NUT AND BOLT
- 2 SETS WILL BE PROVIDED



UH4 (UNISTRUT HARDWARE, 4 POINT)

- UNISTRUT HARDWARE INCLUDES SPRING-NUT AND BOLT
- 4 SETS WILL BE PROVIDED



MH2P (MYERS HUB 2 POINT)

- (2) 3/4” IP THREADED HUBS PROVIDED
- OTHER HUB DIAMETERS ARE AVAILABLE, CONTACT FACTORY
- MACHINED MOUNTING POINTS IN FIXTURE CHANNEL(S) PROVIDED
- STEMS/THREADED RODS NOT PROVIDED
- NOT AVAILABLE ON ALL MODELS AND OPTIONS, CONTACT FACTORY FOR DETAILS.

