



**FIXTURE PERFORMANCE DATA**

	LED PACKAGE	DELIVERED LUMENS	WATTAGE	EFFICACY (lm/W)	MAXIMUM TEMPERATURE (°C)					
					STANDARD		SURFACE MOUNT KIT		UPLIGHT MODULE <sup>(1)</sup>	
					NO LENS	WITH LENS	NO LENS	WITH LENS	NO LENS	WITH LENS
GP2	L93	9281	66	140	65	55	61	51	45	40
	L150	14770	107	138	60	55	56	51	45	40
	L200	19818	157	126	60	50	56	46	45	35
	L230	23310	187	125	55	40	51	36	40	30
GP4	L300	29015	236	123	60	55	56	51	45	40
	L350	34147	278	123	60	55	56	51	45	40
	L400	38934	317	123	60	50	56	46	45	35
	L460	45793	375	122	55	40	51	36	40	30
GP6	L500	52871	402	131	60	55	56	51	45	40
	L550	57596	438	132	60	55	56	51	45	35
	L600	63000	479	131	60	50	56	46	40	30
	L650	68200	520	131	55	40	51	36	40	30
	L740	74099	566	131	55	40	51	36	40	30

**MULTIPLIER TABLES**

DISTRIBUTION	
N	0.94
M	0.95
W	1.00

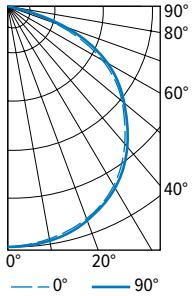
AMBIENT TEMPERATURE	
AMBIENT TEMP (°C)	FLUX
25	1.00
40	0.95
50	0.91
55	0.90
60	0.89
65	0.87

LENS	
CL	0.94
DL	0.76

- <sup>1</sup> Minimum of 48" from mounting surface required for upright modules.
- Photometrics tested in accordance with IESNA LM-79. Results shown are based on 25°C ambient temperature.
  - Wattage shown is average for 120V through 277V input.
  - Results based on relative CCT output. Performance is the same for 4000 and 5000 CCT.
  - Use multiplier tables to calculate additional options.

**PHOTOMETRY**

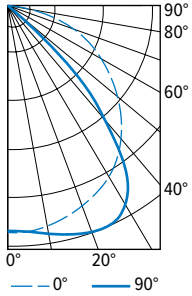
**GP2-L230/850-W-DIM-UNV** Report #: 19477; 09/06/16 | Total Luminaire Output: 23310 lumens; 187 Watts | Efficacy: 124.7 lm/W | 82.2 CRI; 5089K CCT



VERTICAL ANGLE	HORIZONTAL ANGLE			ZONAL LUMENS
	0°	45°	90°	
0	8090	8090	8090	
5	8116	8074	8037	770
15	7882	7870	7827	2226
25	7358	7397	7396	3417
35	6599	6674	6744	4193
45	5581	5654	5686	4382
55	4333	4419	4469	3961
65	2884	3003	2554	2853
75	1342	1148	982	1294
85	186	189	180	215
90	0	0	0	

LUMEN SUMMARY	ZONE	LUMENS	% FIXTURE
	0 - 30	6413	28
0 - 40	10606	46	
0 - 60	18949	81	
0 - 90	23310	100	
0 - 180	23310	100	

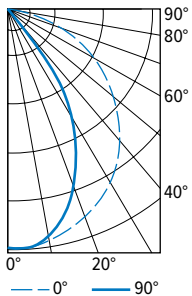
**GP4-L460/850-M-DIM-UNV** Report #: 19518; 09/23/16 | Total Luminaire Output: 43369 lumens; 376 Watts | Efficacy: 115.6 lm/W | 82.0 CRI; 5038K CCT



VERTICAL ANGLE	HORIZONTAL ANGLE			ZONAL LUMENS
	0°	45°	90°	
0	18379	18379	18379	
5	18368	18443	18497	1760
15	17875	18750	19293	5294
25	16843	18801	19596	8569
35	15263	17918	16637	10609
45	13001	13632	7091	9098
55	10269	4199	591	4973
65	7110	461	53	2401
75	3524	39	16	576
85	530	9	5	90
90	0	0	0	

LUMEN SUMMARY	ZONE	LUMENS	% FIXTURE
	0 - 30	15623	36
0 - 40	26231	61	
0 - 60	40302	93	
0 - 90	43369	100	
0 - 180	43369	100	

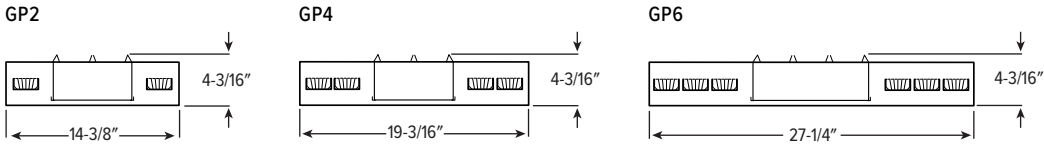
**GP4-L460/850-N-DIM-UNV** Report #: 19519.1; 10/11/16 | Total Luminaire Output: 43160 lumens; 376 Watts | Efficacy: 114.8 lm/W | 82.2 CRI; 5072K CCT



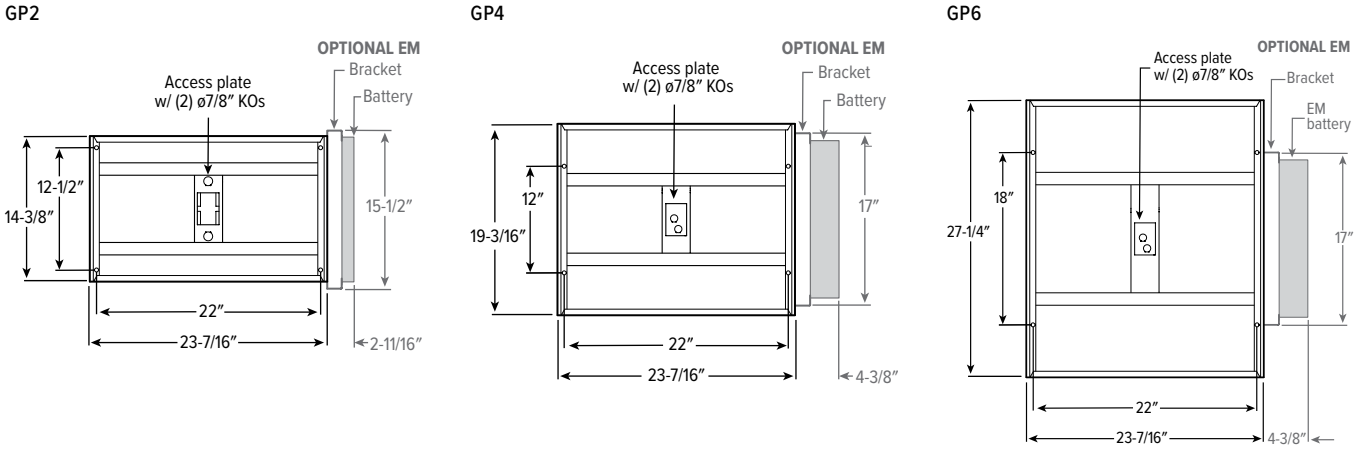
VERTICAL ANGLE	HORIZONTAL ANGLE			ZONAL LUMENS
	0°	45°	90°	
0	28659	28659	28659	
5	28349	28790	28313	2729
15	27478	27156	25820	7651
25	25439	22362	18867	10321
35	22505	15313	10638	10231
45	18605	7883	95	6421
55	13942	143	0	3607
65	8957	0	0	1614
75	3983	0	0	536
85	358	0	0	49
90	0	0	0	

LUMEN SUMMARY	ZONE	LUMENS	% FIXTURE
	0 - 30	20701	48
0 - 40	30932	72	
0 - 60	40961	95	
0 - 90	43160	100	
0 - 180	43160	100	

**CROSS SECTIONS**



**FIXTURE DETAILS**



**CLEAR LENS**



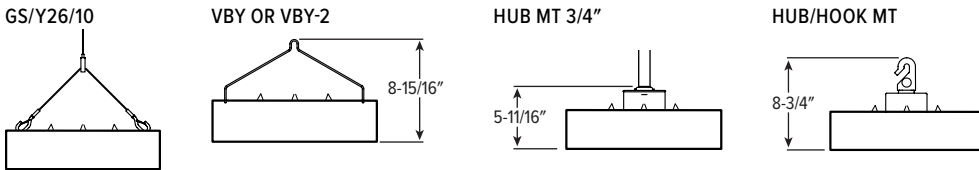
**DIFFUSE LENS**



**WIREGUARD**



**MOUNTING DETAILS**



**UPLIGHT DETAILS**

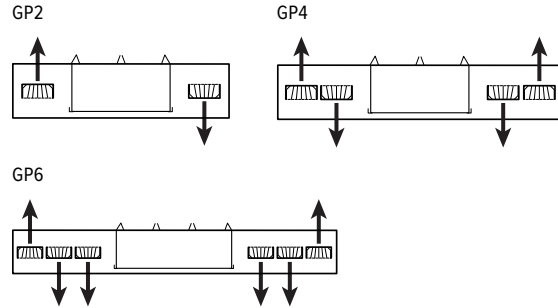
**UPLIGHT REFLECTOR**



**UPLIGHT % OF TOTAL FLUX**

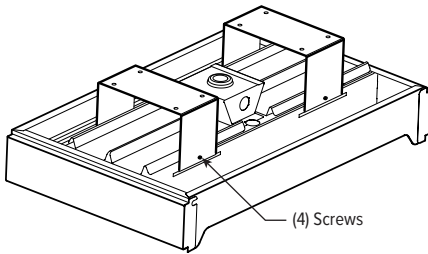
	GP2	GP4	GP6
<b>UPLIGHT REFLECTOR</b>			
N	8.4	4.2	2.6
M	8.2	4.1	2.5
W	8.6	4.3	2.7
CL	10.0	5.0	3.1
DL	16.0	8.0	4.9
<b>UPLIGHT MODULES</b>			
UPM	50.0	50.0	33.3
UPMA	100.0	100.0	100.0

**UPM UPLIGHT MODULES**

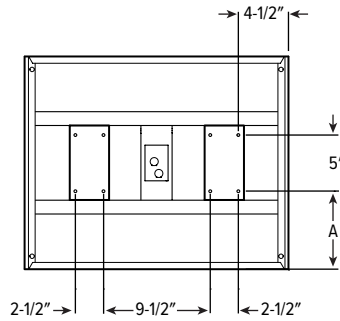


**SURFACE MOUNT KIT DETAILS**

Shipped separately



**BACKVIEW**



**CROSS SECTION**



**DIMENSION A**

GP2	GP4	GP6
4-11/16"	7"	11-1/8"

**SENSOR PLACEMENT DETAILS**



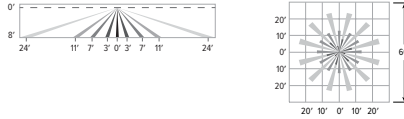
**ADDITIONAL CONTROL OPTIONS**

**WS-FSP-321B-L\_-120-480** Wattstopper PIR motion and daylight sensor using 0-10V internal control, 120V-480V. Must specify lens: L2, L3 or L7. Factory installed.

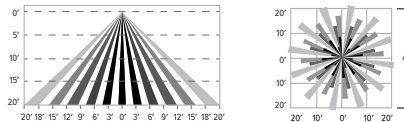
SPECIFICATIONS	
TYPE	PIR Motion + Daylight
MOUNTING HEIGHT	8' – 40'
DETECTION ANGLE	360°
TEMPERATURE RANGE	-40° to 75°C
COMMISSIONING	App (iOS or Android)

**SENSOR COVERAGE PATTERNS**

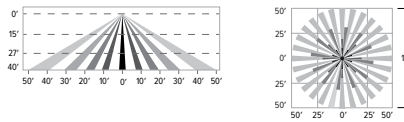
**L2 8' height: ø48' coverage**



**L3 20' height: ø40' coverage**



**L7 40' height: ø100' coverage**



**SENSOR DETAIL**



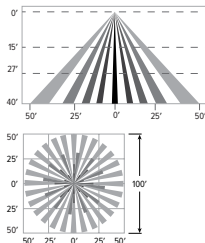
**WS-HBP-111-L7-120/277/347** Wattstopper PIR motion and daylight hold off sensor, 120/277/347V. Adjustable via remote. Optional FSIR-100 remote controller available.

**FSIR-100** Remote controller for HBP-111 sensor. Please specify quantity required per project. Ordered and shipped separately.

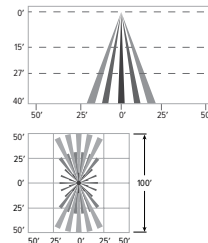
SPECIFICATIONS	
TYPE	PIR Motion + Daylight Hold Off
MOUNTING HEIGHT	15' – 40'
DETECTION ANGLE	360°
TEMPERATURE RANGE	0° to 70°C
RELATIVE HUMIDITY	5 to 95%, non-condensing
COMMISSIONING	FSIR-100 Remote

**SENSOR COVERAGE PATTERNS**

**40' height: ø100' coverage**



**With mask: 40' height: ø50' coverage**



**SENSOR DETAIL**



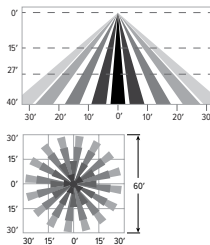
**LV-OSFHU-ITW-120-347** Leviton PIR motion sensor, 120-347V

**LV-OSFHU-I4W-208/240/480** Leviton PIR motion sensor, 208/240/480V

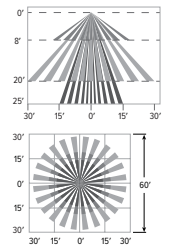
SPECIFICATIONS	
TYPE	PIR Motion
MOUNTING HEIGHT	8' – 40'
LENS	Interchangeable high bay, low bay or aisle mask
DETECTION ANGLE	360°
TEMPERATURE RANGE	-10° to 71°C
RELATIVE HUMIDITY	20% to 90% non-condensing

**SENSOR COVERAGE PATTERNS**

**High bay  
40' height: ø60' coverage**



**Low bay  
25' height: ø60' coverage**



**SENSOR DETAIL**

