



**MODEL:** iLogic6 UV + Far-Red

**VOLTAGE:** 100-277V

**WATTS:** 330W

**SKU:** IL-iLOGIC6-UVIR

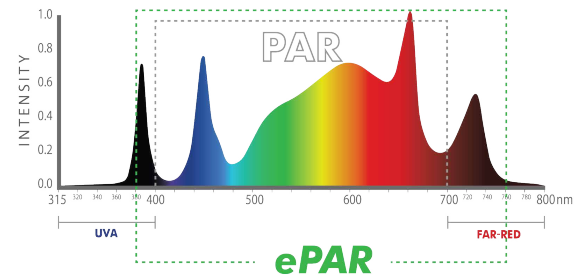
LED Lighting Solution

TECHNICAL SPECS

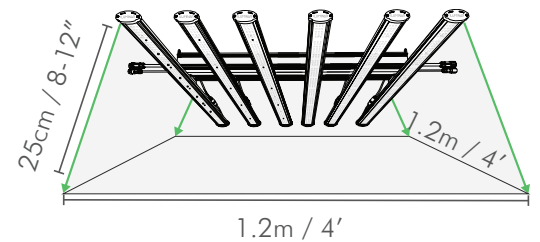
Rated Voltage	120-277V AC
Voltage Range (+/-10%)	100-277V
ePAR	945 $\mu\text{mol/s}$
ePAR Efficacy	2.85 $\mu\text{mol/J}$
Min Power Factor	0.95
THD	< 20%
Crest Factor	1.5
BTU	1126
Frequency	50 / 60Hz
Dimmable	0-10V Controllable
Ambient Temperature	0 - 35°C / 32-95°F
Relative Humidity	85%
Color Temperature	3300k
Color Rendering Index	85
Minimum Mounting Height	8-12" to top of Canopy
Emitter Cooling	Passive / Extruded Case
Light Distribution	120°
Waterproof Rating	IP66 for Damp/Wet Conditions
LED Lifespan (90% of Life)	50,000+ hours



UV + Far-Red LED SPECTRUM

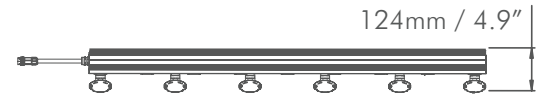
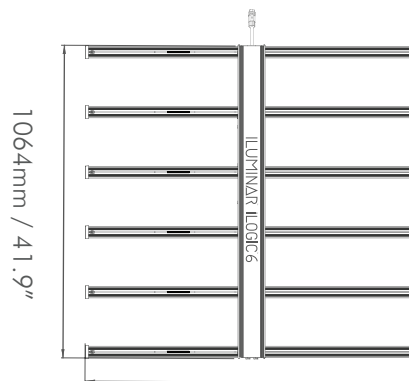


MOUNTING & COVERAGE



PHYSICAL SPECIFICATIONS

Length	1064 mm	41.9"
Width	1002 mm	39.4"
Height	124.3 mm	4.9"
Weight	20.7kg	45.6lbs



VOLTAGE AND AMPERAGE

120V	3.1A	350W
208V	1.53A	302W
240V	1.32A	301W
277V	1.25A	330W
347V	1.00A	325W
480V	0.72A	330W



iluminarlighting.com  
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**5 YEAR**  
WARRANTY

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# PPFD MAP

## Legend



ft	-1.75	-1.25	-0.75	-0.25	0.25	0.75	1.25	1.75
-1.75	174	299	333	342	342	333	299	172
-1.25	363	647	711	724	724	711	647	363
-0.75	417	738	814	831	831	814	738	417
-0.25	427	755	834	851	851	834	755	428
0.25	427	754	833	850	850	833	754	427
0.75	414	734	809	825	825	809	734	414
1.25	357	638	700	713	713	700	638	358
1.75	185	287	320	328	328	320	288	166

**Clearance** 0.5 ft / 6"  
**Qty** 1u  
**Average PPFD** 575.47  $\mu\text{mol/s/m}^2$   
**Max PPFD** 851  $\mu\text{mol/s/m}^2$   
**Min PPFD** 165  $\mu\text{mol/s/m}^2$   
**Median PPFD** 673.5  $\mu\text{mol/s/m}^2$   
**Min/Average** 28.67 %

ft	-1.75	-1.25	-0.75	-0.25	0.25	0.75	1.25	1.75
-1.75	191	282	332	351	351	332	281	192
-1.25	299	447	526	554	554	525	446	298
-0.75	362	543	640	674	674	639	542	362
-0.25	385	577	681	718	718	680	577	385
0.25	384	576	679	716	716	679	575	384
0.75	357	537	633	668	668	633	538	358
1.25	292	438	516	544	544	516	439	293
1.75	189	272	321	340	340	321	273	186

**Clearance** 1 ft / 12"  
**Qty** 1u  
**Average PPFD** 469.39  $\mu\text{mol/s/m}^2$   
**Max PPFD** 718  $\mu\text{mol/s/m}^2$   
**Min PPFD** 185  $\mu\text{mol/s/m}^2$   
**Median PPFD** 481.5  $\mu\text{mol/s/m}^2$   
**Min/Average** 39.41 %

ft	-1.75	-1.25	-0.75	-0.25	0.25	0.75	1.25	1.75
-1.75	174	218	250	267	267	250	217	173
-1.25	221	279	323	345	345	322	279	220
-0.75	256	326	378	405	405	378	326	256
-0.25	274	350	406	435	435	406	350	274
0.25	273	349	405	434	434	405	349	274
0.75	253	323	374	401	401	375	323	254
1.25	216	274	317	340	340	318	275	217
1.75	169	212	244	261	261	244	212	170

**Clearance** 2 ft / 24"  
**Qty** 1u  
**Average PPFD** 304.8  $\mu\text{mol/s/m}^2$   
**Max PPFD** 435  $\mu\text{mol/s/m}^2$   
**Min PPFD** 169  $\mu\text{mol/s/m}^2$   
**Median PPFD** 298  $\mu\text{mol/s/m}^2$   
**Min/Average** 55.45 %

To view more PPFD map distances please contact us