



**MODEL:** iLogic8 UV+Far Red

**VOLTAGE:** 100-277V

**WATTS:** 630W

**SKU:** IL-iLOGIC8-UVIR

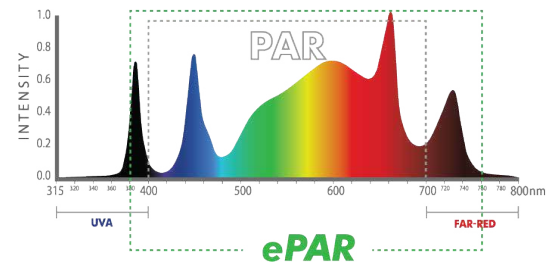
LED Lighting Solution

TECHNICAL SPECS

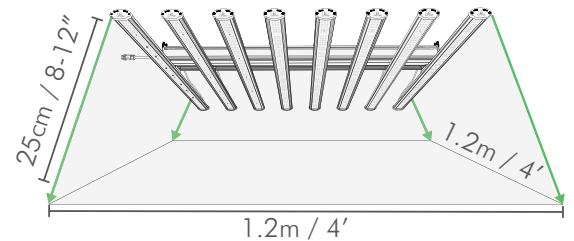
Rated Voltage	120-277V AC
Voltage Range (+/-10%)	100-277V
ePAR	1800 $\mu\text{mol/s}$
ePAR Efficacy	2.85 $\mu\text{mol/J}$
Min Power Factor	0.95
THD	< 20%
Crest Factor	1.5
BTU	2150
Frequency	50 / 60Hz
Dimmable	0-10V Controllable
Ambient Temperature	0 - 35°C / 32-95°F
Relative Humidity	85%
Color Temperature	3350k
Color Rendering Index	87
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



iLOGIC8 LED SPECTRUM

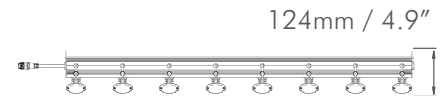
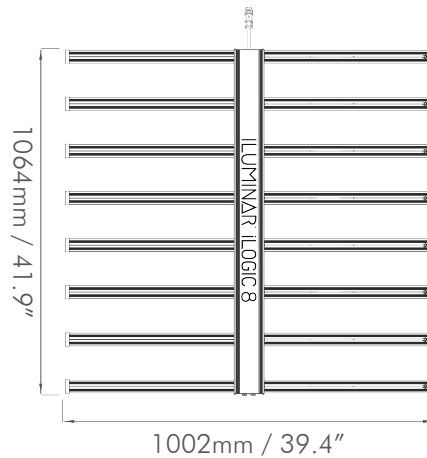


MOUNTING & COVERAGE



VOLTAGE AND AMPERAGE

Length	1064mm	41.9 "
Width	1002mm	39.4 "
Height	124.3mm	4.9 "
Weight	22.8kg	50.3 lbs



VOLTAGE AND AMPERAGE

120V	5.7A	652W
208V	3.2A	632.5W
240V	2.8A	631W
277V	2.4A	630W



iluminarlighting.com  
Toll Free: 1-877-540-5588



© Copyright 2021 ILUMINAR Lighting  
Subject to change without notice.



# PPFD MAP

## Legend



ft	-1.75	-1.25	-0.75	-0.25	0.25	0.75	1.25	1.75
-1.75	353	615	685	702	702	685	615	356
-1.25	768	1379	1512	1539	1538	1510	1379	774
-0.75	886	1580	1740	1774	1774	1739	1580	893
-0.25	912	1620	1787	1824	1823	1786	1620	919
0.25	913	1621	1789	1826	1825	1787	1621	920
0.75	889	1584	1745	1779	1779	1743	1584	896
1.25	774	1388	1522	1550	1549	1521	1388	780
1.75	362	630	702	719	719	701	629	364

**Clearance** | 0.5 ft / 6"  
**Qty** | 1u  
**Average PPFD** | 1233.88  $\mu\text{mol/s/m}^2$   
**Max PPFD** | 1826  $\mu\text{mol/s/m}^2$   
**Min PPFD** | 353  $\mu\text{mol/s/m}^2$   
**Median PPFD** | 1449  $\mu\text{mol/s/m}^2$   
**Min/Average** | 28.61 %

ft	-1.75	-1.25	-0.75	-0.25	0.25	0.75	1.25	1.75
-1.75	399	588	694	733	734	694	590	403
-1.25	631	951	1120	1179	1180	1121	955	637
-0.75	771	1163	1372	1445	1445	1373	1168	778
-0.25	825	1242	1465	1545	1545	1466	1246	833
0.25	826	1243	1466	1546	1546	1467	1247	833
0.75	774	1167	1376	1450	1450	1377	1171	781
1.25	636	958	1128	1188	1188	1129	961	642
1.75	406	597	704	744	744	704	599	409

**Clearance** | 1 ft / 12"  
**Qty** | 1u  
**Average PPFD** | 1011.69  $\mu\text{mol/s/m}^2$   
**Max PPFD** | 1546  $\mu\text{mol/s/m}^2$   
**Min PPFD** | 399  $\mu\text{mol/s/m}^2$   
**Median PPFD** | 1040.5  $\mu\text{mol/s/m}^2$   
**Min/Average** | 39.44 %

ft	-1.75	-1.25	-0.75	-0.25	0.25	0.75	1.25	1.75
-1.75	365	460	530	567	568	533	463	369
-1.25	468	596	691	741	742	694	601	474
-0.75	548	701	816	875	876	819	707	554
-0.25	590	757	881	945	946	885	763	597
0.25	591	758	882	946	947	886	763	598
0.75	550	704	818	877	878	822	709	556
1.25	471	600	695	745	746	698	604	476
1.75	369	464	535	572	573	537	467	372

**Clearance** | 2 ft / 24"  
**Qty** | 1u  
**Average PPFD** | 661.42  $\mu\text{mol/s/m}^2$   
**Max PPFD** | 947  $\mu\text{mol/s/m}^2$   
**Min PPFD** | 365  $\mu\text{mol/s/m}^2$   
**Median PPFD** | 647.5  $\mu\text{mol/s/m}^2$   
**Min/Average** | 55.18 %

To view more PPFD map distances please contact us