ZIV SERIES

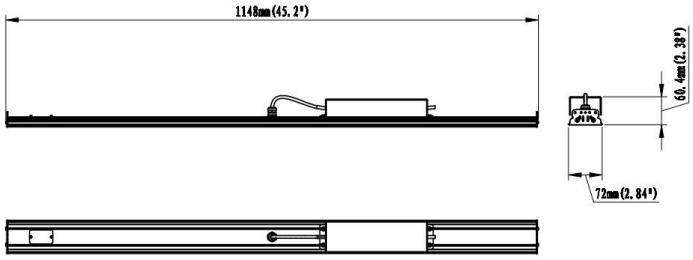
LED GROW LIGHT

Project:	
Type:	
Catalog #:	

IP65 WATERPROOF | RoHS Compliant | Intertek

PRODUCT FEATURES

Housing material: Aluminum
Optics materials: Conformal coating (transmission >97%)
Radiation angle: 120°
Protection degree: IP65 (dust and watertight)



TECHNICAL DATA

Power	150W/200W (±5%)
Item No.	ZIV09
System efficacy	2.5 umol/J (±5%)
PPF Output	500 umol/s
Power Input	100-277Vac,50-60Hz
Current Range	1.5A @ 100V , 0.54A @ 277V
Isolation Class	Class I
Heat BTU Generated	511.5 - 682 BTU
Power Factor	> 0.9
Dimming	0-10V
IP rating	IP65

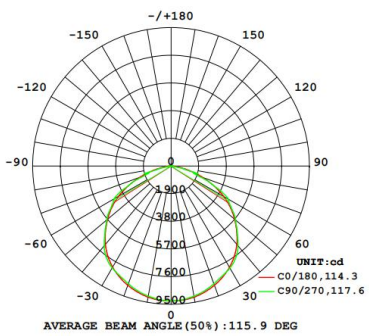
Dimensions	1148 x 72 x 60.4mm 45.2" x 2.84" x 2.38"
Net Weight	2.1±0.3kg/5.07±0.66lbs
Qty/CTN	1 pc
Gross Weight	3kg/6.6lbs
CTN SIZE	1195 x 130 x 120mm 47.5" x 5.1" x 4.7"
Operation conditions	0°C to 40°C / 32°F to 104°F (95% RH)
Storage conditions	-40°C to 70°C /-40°F to 158°F (85% RH)
Warranty	5 years

COMPLIANCE

-CE certification
-ETL certification
-Low Voltage Directive (LVD)
-Electromagnetic Compatibility Directive (EMC)
-Restriction of Hazardous Substances (RoHS) Directive

* typical values for stable operation at 25° C /77 °F ambient temperature

IES Chart



ORDERING INFORMATION

Model
ZIV09-P02-B00-200W-CC ZIV09-P02-B00-150W-CC

ACCESSORIES

Standard: Steel Aircraft Cable * 2 pcs

Optional: Ceiling mounting bracket * 2 pcs

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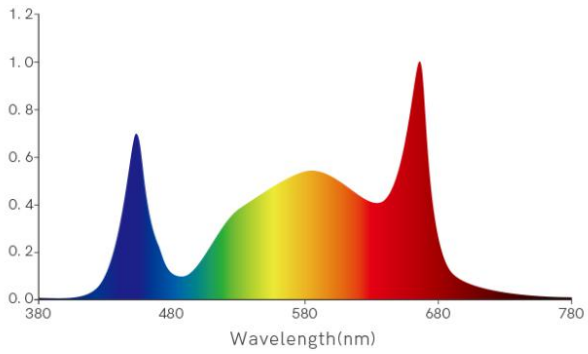
Spectrum Chart



PPFD MAP

150W 45cm/18”

30	55	94	140	163	140	94	55	30
34	67	128	195	229	195	128	67	34
40	83	151	243	280	243	151	83	40
41	85	162	256	301	256	162	85	41
43	86	165	258	307	258	165	86	43
41	85	162	256	301	256	162	85	41
40	83	151	243	280	243	151	83	40
34	67	128	195	229	195	128	67	34
30	55	94	140	163	140	94	55	30

150W 60cm/24”

44	68	99	126	135	126	99	68	44
52	84	124	163	175	163	124	84	52
60	96	144	190	207	190	144	96	60
63	103	156	207	224	207	156	103	63
64	103	159	211	230	211	159	103	64
63	103	156	207	224	207	156	103	63
60	96	144	190	207	190	144	96	60
52	84	124	163	175	163	124	84	52
44	68	99	126	135	126	99	68	44

Cover area: 1.2m x 1.2 m / 4’ x 4’
Height fixture above canopy: 45cm &60cm / 18” & 24”
1 fixture needed for: 1.44 m2 / 15.5 sqft

PPFD value:

150W 45cm/18”

Average: 169 μMol/m²s
Maximum: 307 μMol/m²s
Minimum: 30 μMol/m²s

150W 60cm/24”

Average: 137 μMol/m²/s
Maximum: 230 μMol/m²s
Minimum: 44 μMol/m²s