

FLUXEN

LIGHT UP YOUR PROJECTS



Ixion 65 – 2B

LED grow light solution for growing indoor plants

TECHNICAL DATASHEET
2025



IP65
WATERPROOF



Product features

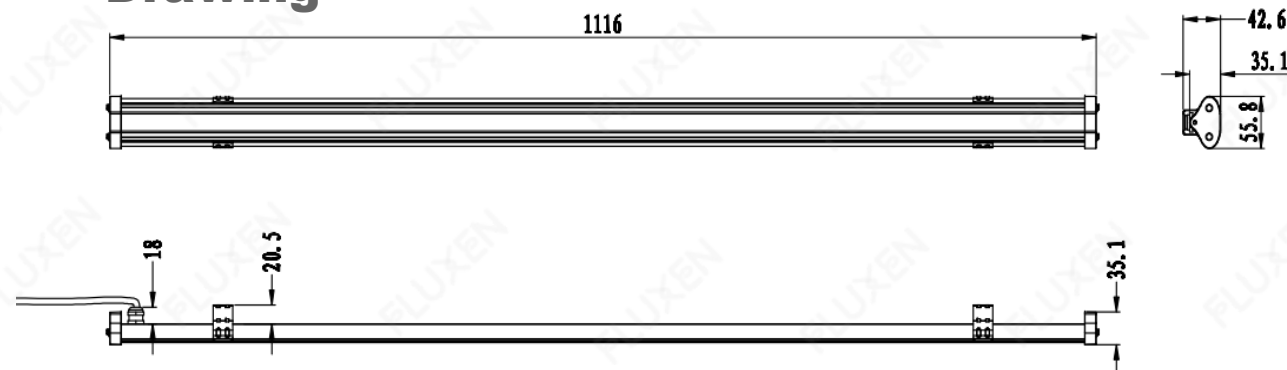
Housing material	Aluminum
Optics materials	PC cover (transmission >90%)
Radiation angle	120°
Protection degree	IP65 (dust and watertight)

Technical data

Power consumption	65 W
System efficacy (±10%)	2.3 µmol/J@220 V AC
PAR Output	149 µmol/s
ePAR Output	152 µmol/s
Voltage input	41 V DC
Current Range	1.5A @52V DC
Isolation Class	Class III
Heat BTU Generated	222 BTUs/h
Power Factor	NA
Dimming	0-10V optional

* The tolerance for power is ±5 %

Drawing

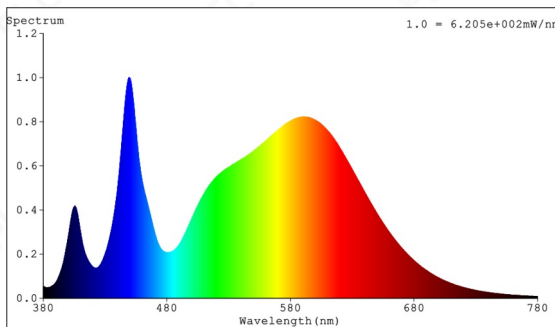


Dimensions	1116 x 55.8 x35.1 mm (Standard) 43.9"x 2.2"x 1.4"
Net Weight	0.8 kg/1.8 lbs
Qty/CTN	8pcs
Gross Weight	6.4 kg/14 lbs
CTN SIZE	1160 x 309 x 140 mm 45.6" x 12.2" x 5.5"
Operation conditions	0°C to 40°C/32°F to 104°F (95% RH)
Storage conditions	-40°C to 70°C/-40°F to 158°F (85% RH)
Warranty	5 Years

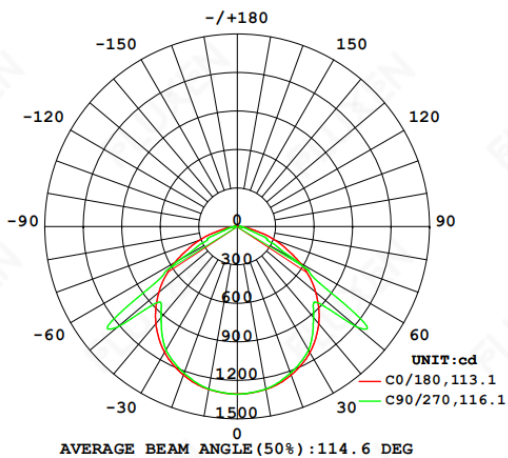
* The tolerance for weight is ±6%

Spectrum Chart

Ixion-065-2B



IES Test



Accessories

- ① **Full White** Spectrum could be flexible to make 3500K, 4000K, 6500K
- ② **Daisy Chain** solution, plug-play
- ③ **External** LED driver compatible
- ④ **Different Length** options such as 60 cm, 90 cm, 120 cm, 250cm



or



Standard: High ceiling mounting Bracket x 2 pcs

Optional: Low ceiling mounting Bracket x 2 pcs



Compliance

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