

Str8blade



The Loriflux Str8blade is the ideal solution for supplemental lighting in greenhouses or indoor commercial grows that require higher ceilings. The robust design made from aircraft aluminum and “seal tight” connectors make the Str8blade an excellent choice for the most demanding environmental conditions with maximum ingress protection. The Str8blade includes the same features and benefits of our flagship 8blade fixture, including Samsung/OSRAM diodes, on board dimming, link-ability, and controls integration .

FEATURES & BENEFITS

- Engineered to maximize photosyntheses and yield augmenting the natural sunlight
- Superior coverage and uniform PPF/PAR exceeding 1000W HID
- Energy consumption reduced upwards of 50% over traditional HID
- Requires 50% less HVAC capacity resulting in more savings
- Compact construction with a minimal footprint allowing maximum penetration of the natural sunlight

INTENDED APPLICATIONS

- Augmentation of sunlight in greenhouses or high bay commercial grows



PPFD READING

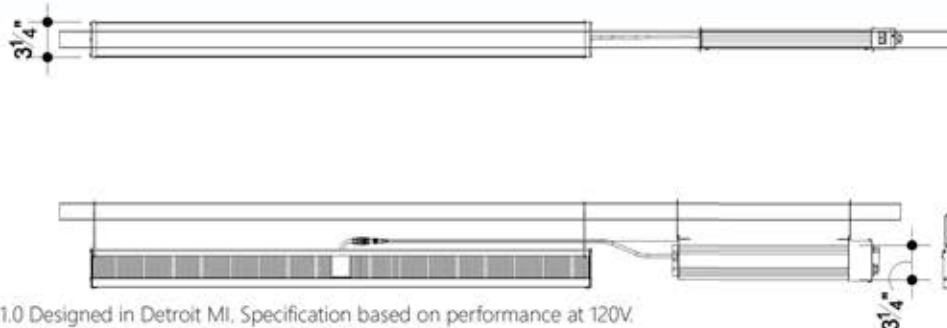
3' HEIGHT									
341				419				336	
	484			559				478	
		713		805		999			
			1003	1016	999				
766	905	1027	1103	1124	1099	1021	900	759	
			998	1013	994				
		708		799		701			
	480			552			474		
335				412				329	

PERFORMANCE SUMMARY & SPECIFICATIONS

SERIES	Str8blade™
SPECTRUM	Loriflux STR8 FS
LIGHT SOURCE	LED OSRAM / Samsung
INPUT VOLTAGE	Autosensing 120-277V
INPUT FREQ.	50/60Hz
OUTPUT POWER	630W 100%, Cannabost 693W
LIGHT DISTRIBUTION	120 degrees
THD	20%
PPF	1575 umol/s
PPE	2.5 umol/s
THERMAL MGMT	Passive heatsink
CONTROLS	Built-in Manual, PWM & 0-10v Dimming Wireless smart controller
OPERATING TEMP.	-20°C to 40°C
INGRESS PROTECTION	Wet locations
LIFETIME	L90:> 50,000 hours
POWER FACTOR	>90%
CERTIFICATIONS	UL 8800, UL 1598 WET LOCATION, DLC
HEAT LOAD	2148 BTU per fixture
WARRANTY	5-year Warranty
MOUNTING HEIGHT	4'-6' above canopy

DIMENSIONS

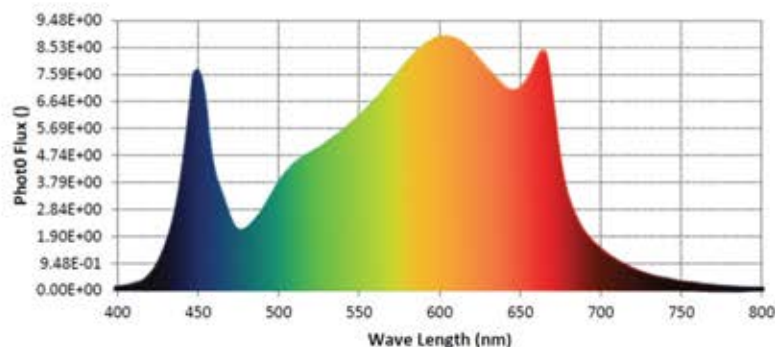
LENGTH (L)	46.3" (1176mm)
WIDTH (W)	3.27" (83mm)
HEIGHT (H)	3.77" (96mm)



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SPECTRAL ANALYSIS



SERIES	Str8blade™
AC POWER CORD	10ft (3.5m)
AC PLUG TYPE	NEMA 5-15p 120V Standard
MOUNTING HARDWARE	Waterfall Mounts
FIXTURE NET/GROSS WEIGHT	21 lbs/32 lbs

OPTIONS & ACCESSORIES

FACTORY INSTALLED OPTIONS	ACCESSORIES INCLUDED
0-10V Dimmer	(1x) LED grow light fixture
Wireless Controller Ready	(1x) Data cord (10ft)
Cannabost Output Booster	(2x) Hanger mounts
Link-ability	(2x) Adjustable 16ft rope ratchets
220/240V Adapter Available	(4x) S-hook cable (with O ring)
	(1x) Instruction manual

MAX AMPERAGE BY VOLTAGE SERVICE

VOLTAGE	120V	208V	240V	277V
AMPERAGE	5.25A	3.03A	2.63A	2.27A

RECOMMENDED APPLICATION

ROOM	High bay commercial grows and greenhouses
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