

SFP SERIES

COMMERCIAL OUTDOOR LIGHTING

SFP-240W-50K
 240W Pickleball Court Light



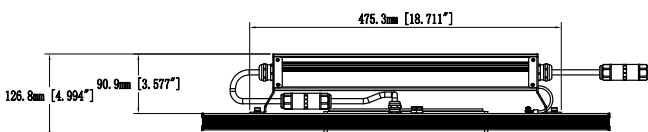
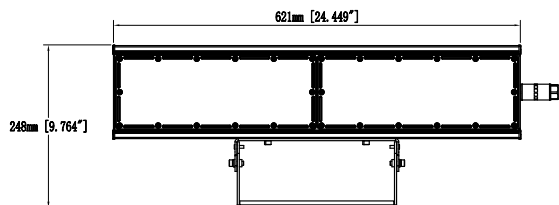
Main View



Back View



Side View



Technical Drawing: 4.994" (D) x 24.449" (W) x 9.764" (H)

Customer Name:

Project Name:

Note:

Type:

The SFP-240W-50K Pickleball Court Light is a precision LED sports light designed for outdoor and indoor pickleball and padel courts. Its 5000K LED system, asymmetrical 38° optics, and wide luminous surface help deliver uniform court illumination with reduced glare. The fixture includes a yoke mount for adjustable aiming, with an optional SFP-SF slip-fitter pole adapter available for pole-mounted installations. Pre-engineered photometric layouts are available upon request to support project planning and court lighting verification.

FEATURES:

- Designed specifically for pickleball and padel court lighting
- Optimized sports-light optical design for court visibility and uniformity
- Wide luminous surface helps reduce harsh hot spots
- High-efficiency performance up to 174LM/W
- Yoke mount included for adjustable aiming
- Optional slip-fitter pole adapter available for pole-mounted installations
- UL certified
- 7-year warranty
- Pre-engineered photometric layouts available for pickleball court applications, including EN12193 Class I and Class II design examples
- 30Fc pickleball court lighting layout available with 28 ft mounting height, 0.9 maintenance factor, and GR<50
- Obtrusive light compliance reports available for documented layouts

SPECIFICATIONS:

ELECTRICAL:

- Input Voltage: 120-277VAC, 50/60Hz
- Nominal Wattage: 240W ±5%
- Driver Type: Constant Current
- Dimming: 0-10V
- Power Factor: >0.9
- THD: <10% at 120V
- Flicker Factor: <2%
- Surge Protection: L-N: 6KV, L/N-E: 6KV
- Electrical Class: Class I
- Operating Temperature: -22°F to +113°F

SPECIFICATIONS:

MECHANICAL:

- Housing Material: Aluminum alloy
- Housing Finish: Black, RAL9017
- Finish Treatment: Special surface treatment with powder coating
- Optic Material: Polycarbonate
- Mounting Bracket Material: ZAM
- Mounting Bracket Finish: Powder coating
- Yoke mount included
- Optional Slip-Fitter Pole Adapter: SFP-SF
- Fixture Dimensions: 24.45" L x 9.76" W x 5.00" H
- Luminaire Weight: 8.16 lbs
- Mounting Bracket Weight: 1.54 lbs
- Windage Area: 0.938 sq. ft. at 0°, 1.123 sq. ft. at 15°
- Ingress Protection: IP66
- Impact Resistance: IK10
- Corrosion Category: C5, ISO 9223:2012
- Passed 1500-hour salt spray test

LIGHTING:

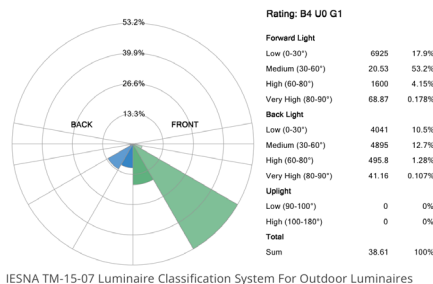
- Delivered Lumens: 41,095-41,594LM, 5000K, Ra70
- Catalog Lumen Output: 41,594LM
- General Efficacy: 174LM/W at 5000K, Ra70
- CCT: 5000K
- CRI: Ra70
- LED Type: 5050
- Beam Distribution: F05608
- Optics: Asymmetrical intense 38°
- Wide luminous surface for uniform court illumination
- LED Lifespan: 67,100 hours L90B10, 165,600 hours L80B10, 258,900 hours L70B10 at 77°F

APPLICATIONS:

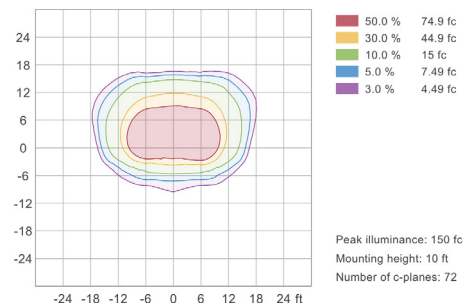
- Designed specifically for pickleball court illumination, providing uniform, glare-controlled lighting for recreational and competitive play. Ideal for outdoor pickleball courts, sports complexes, parks, schools, community centers, and recreational facilities requiring enhanced visibility, player comfort, and reliable nighttime performance.

PHOTOMETRICS

BUG rating



BUG Rating: B4-U0-G1



Area 24'x24'

Mounting Height: 9'

PERFORMANCE TABLE

MODEL NO.	WATTAGE	LUMEN	COLOR TEMP.	LPW	BUG
SFP-240W-50K	240W	41594LM	5000K	173	B4-U0-G1

ACCESSORIES

MODEL NO.	DESCRIPTION	IMAGE
SFP-SF	Slip-Fitter Pole Adapter for standard 2-3/8" OD round pole tenon mounting	