

SFP SERIES

COMMERCIAL OUTDOOR LIGHTING

SFP-320W-50K
320W Pickleball Court Light



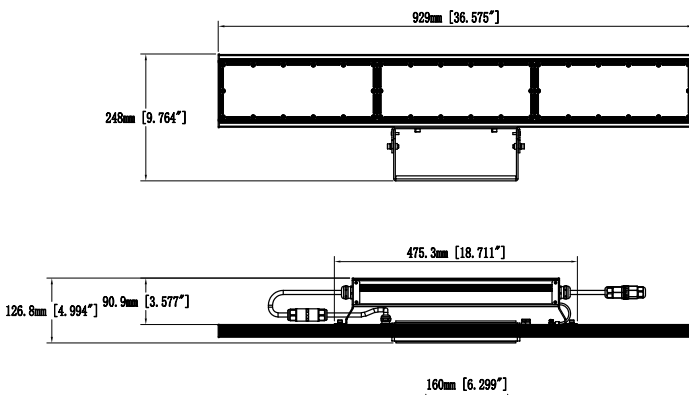
Main View



Back View



Side View



Technical Drawing: 4.994" (D) x 36.575" (W) x 9.764" (H)

Customer Name:

Project Name:

Note:

Type:

The SFP-320W-50K Pickleball Court Light is a high-output LED sports light engineered for pickleball and padel courts requiring strong, uniform illumination. With a 57,135-lumen output, 5000K color temperature, asymmetrical 38° optics, and a wide luminous surface, the fixture supports high-performance court visibility while helping control glare. The included yoke mount allows precise field aiming, while the optional SFP-SF slip-fitter adapter supports pole-mounted installations. Pre-engineered photometric layouts are available for project verification, including 50Fc court lighting design examples for higher-level play applications.

FEATURES:

- Designed specifically for pickleball and padel court lighting
- Higher lumen package for 50Fc court lighting applications
- Optimized sports-light optical design for court visibility and uniformity
- Wide luminous surface helps reduce harsh hot spots
- High-efficiency performance up to 178LM/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
- 50Fc 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: 320W ±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: 36.57" L x 9.76" W x 5.00" H
- Luminaire Weight: 10.47 lbs
- Mounting Bracket Weight: 1.54 lbs
- Windage Area: 1.404 sq. ft. at 0°, 1.680 sq. ft. at 15°
- Ingress Protection: IP66
- Impact Resistance: IK10
- Corrosion Category: C5, ISO 9223:2012
- Passed 1500-hour salt spray test

LIGHTING:

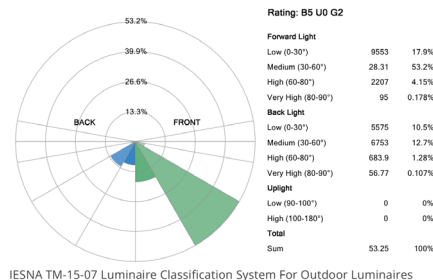
- Delivered Lumens: 56,463-57,135LM, 5000K, Ra70
- Catalog Lumen Output: 57,135LM
- General Efficacy: 178LM/W at 5000K, Ra70
- CCT: 5000K
- CRI: Ra70
- LED Type: 5050
- Beam Distribution: F05608
- Optics: Asymmetrical intense 38°
- Wide luminous surface for uniform court illumination
- LED Lifespan: 67,100 hours L90B10, 165,600 hours L80B10, 258,900 hours L70B10 at 77°F

APPLICATIONS:

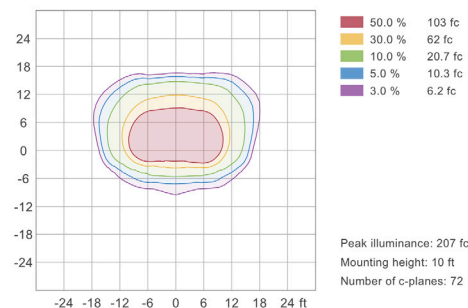
- Designed specifically for pickleball court illumination, providing uniform, glare-controlled lighting for recreational and competitive play. Ideal for outdoor pickleball courts, sports complexes, parks, schools, community centers, and recreational facilities requiring enhanced visibility, player comfort,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

PHOTOMETRICS

BUG rating



BUG Rating: B5-U0-G2



Area 24'x24'

Mounting Height: 9'

PERFORMANCE TABLE

MODEL NO.	WATTAGE	LUMEN	COLOR TEMP.	LPW	BUG
SFP-320W-50K	320W	57135LM	5000K	178	B5-U0-G2

ACCESSORIES

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