

(SP19) High Performance Padel + Pickleball Light

Part Number LEDI-SP19-****

- ▶ Two models available with a wide lumen range of 41,095lm to 57,135lm
- ▶ 5000K CCT (4000K optional)
- ▶ Colour Rendering Index Ra70 (CRI Ra80, CRI Ra90+ optional)
- ▶ Standard Deviation of Colour Matching (SDCM) <5
- ▶ Low-copper aluminum alloy construction and electrophoresis + anodic oxidation surface treatment for reliable and lasting anti-corrosion performance throughout service life
- ▶ Mounting brackets are finished with ZAM (AS1397:2011) and SUS316 fasteners
- ▶ Bespoke beam distribution designed for padel and pickleball courts
- ▶ Optional glare shield for minimized glare and spill
- ▶ Television Lighting Consistency Index 90+ for HDTV optional
- ▶ 1,500fps slow motion support for flicker-free HDTV optional
- ▶ Anti-vibration adjustable yoke mounting bracket with full vertical range of motion
- ▶ Available suspension chain and slip fitter adapter
- ▶ Easy and safe wiring with self-locking spring terminals
- ▶ Input line voltage: 120-277Vac; 50/60Hz
- ▶ Constant current type driver, class 1
- ▶ Power factor: >0.97
- ▶ DMX-ready sports lighting controller available
- ▶ 0-10V dimmable driver
- ▶ Built-in Surge Protection Device (SPD)
- ▶ Ingress protection: IP66
- ▶ Ingress protection: Type NEMA 4X
- ▶ Impact protection: IK08
- ▶ Corrosion resistance: C5 (ISO 9223:2012)
- ▶ Operating temperature: -30°C~45°C
- ▶ LED rated lifespan 67,100 hours (L90B10 @Ta=25°C)
- ▶ LED rated lifespan 165,600 hours (L80B10 @Ta=25°C)
- ▶ LED rated lifespan 258,900 hours (L70B10 @Ta=25°C)
- ▶ 5-Year Limited Warranty





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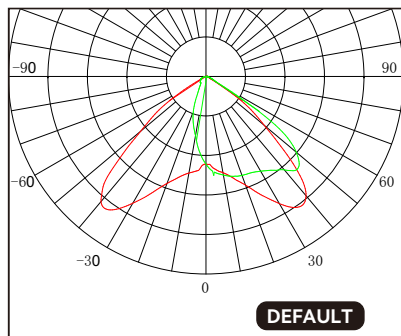
Specifications

Part #	LEDI-SP19-240	LEDI-SP19-320
Wattage $\pm 5\%$	240W	320W
Driver Type	Constant Current (CC), Class 1	
Control	0-10V	
Input Voltage	120-277Vac; 50/60Hz	
Power Factor	>0.97	
Flicker Factor	$<2\%$	
THD	$<10\%$ @120Vac; 50/60Hz	
Surge Protection	6KV L-N, 6KV L/N-E	
Light Source	LED5050	
CRI	Ra70 (Ra80 or Ra90+ optional)	
Luminous Efficacy (LED5050)	174lm/W @5000K CRI Ra70	178lm/W @5000K CRI Ra70
CCT	5000K (4000K optional)	
Luminous Flux (lm) $\pm 10\%$ @5000K Ra70	41095~41594	56463~57135
Luminous Flux (lm) $\pm 10\%$ @5000K Ra80	38606~38802	53254~53444
Beam Angle	F05608	
Luminaire Windage Area (SCx) @0°	0.090m ² (0.938ft ²)	0.130m ² (1.404ft ²)
Luminaire Windage Area (SCx) @15°	0.100m ² (1.123ft ²)	0.160m ² (1.680ft ²)
Operating Temperature 120-277Vac, 50/60Hz	-30 to +45°C (-22 to +113°F)	
LED Rated Lifespan	67,100 hours (L90B10 @Ta=25°C) (LED5050) 165,600 hours (L80B10 @Ta=25°C) (LED5050) 258,900 hours (L70B10 @Ta=25°C) (LED5050)	



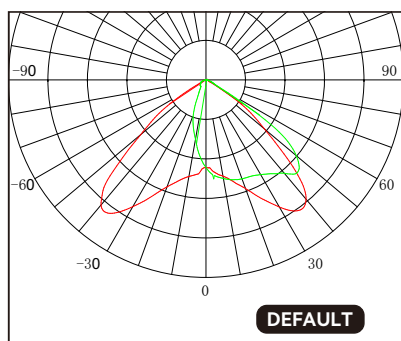
Optical Specifications Available for LEDI-SP19-240

Part # F05608 38°(ASYMMETRICAL INTENSE)



Optical Specifications Available for LEDI-SP19-320

Part # F05608 38°(ASYMMETRICAL INTENSE)



Mounting Brackets and Adaptors

Part # Adjustable Yoke Mounting Bracket
(Default)

SP-L09-01
Suspension Chain

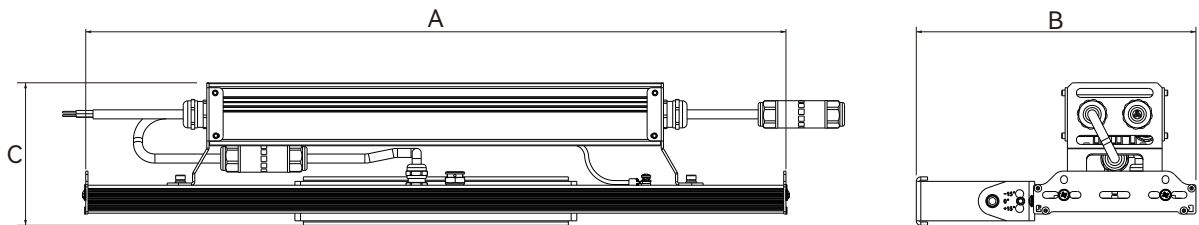
SP-S19-01
Slip Fitter Adaptor for Single or Dual Luminaires
Diameter $\phi 60\text{mm}$



Weight and Dimensions

Part #	Luminaire Dimensions A x B x C	Product Weight ±6%		Packaging Weight ±6%		Packaging Dimensions/Quantity Per Case
		Net Weight	Gross Weight	Net Weight	Gross Weight	
LEDI-SP19-240	621x248x127mm (24.45x9.76x5.00")	3.70kg 8.16lbs	-	-	4.50kg 9.92lbs	655x175x145mm (25.79x6.89x5.71") QTY 1
BC-SP19-01 Yoke Mounting Bracket		0.70kg 1.54lbs	0.76kg 1.68lbs	2.80kg 6.17lbs	4.50kg 9.92lbs	280x200x120mm (11.02x8.87x4.72") QTY 4
LEDI-SP19-320	929x248x127mm (36.57x9.79x5.00")	4.75kg 10.47lbs	-	-	5.8kg 12.79lbs	965x175x145mm (37.99x6.89x5.71") QTY 1
BC-SP19-01 Yoke Mounting Bracket		0.70kg 1.54lbs	0.76kg 1.68lbs	2.80kg 6.17lbs	4.50kg 9.92lbs	280x200x120mm (11.02x8.87x4.72") QTY 4

Luminaire Diagram



Accessories

Part #	Image	Product Weight ±6%		Packaging Weight ±6%		Packaging Dimensions/Quantity Per Case
		Net Weight	Gross Weight	Net Weight	Gross Weight	
SC-L09-01 Suspension Chain		0.10kg 0.22lbs	0.14kg 0.31lbs	2.50kg 5.51lbs	3.48kg 7.67lbs	820x170x170mm (32.28x6.69x6.69") QTY 25
SP-S19-L150 Glare Shield for LEDI-SP19-240		0.40kg 0.88lbs	0.61kg 1.34lbs	0.80kg 1.76lbs	1.21kg 2.67lbs	645x145x170mm (25.39x5.71x6.69") QTY 2
SP-S19-L151 Glare Shield for LEDI-SP19-320		0.59kg 1.30lbs	0.87kg 1.92lbs	1.18kg 2.60lbs	1.73kg 3.81lbs	955x145x170mm (30.60x5.71x6.69") QTY 2
SP-S19-01 Slip Fitter Adapter for Single or Dual Luminaires Diameter φ60mm		1.76kg 3.88lbs	1.90kg 4.19lbs	10.56kg 23.28lbs	11.39kg 25.11lbs	345x215x210mm (13.58x8.46x8.27") QTY 6

