

## SHOEBOX ST9-120

Shoebox style floodlights are ideal for areas where light spill must be closely contained. It might be car parks, tennis courts, or a similar application where a precise level of light is essential but where complying with ordinances or just being a good neighbour is just as necessary.

Our range is focussed on performance and flexibility with power options from 120W right through to 400W, delivering luminous flux up to 50,000 lumens.

LPA Shoebox floodlights are designed for post top mount and are manufactured from powder coated die-cast aluminium with an ingress protection rating of IP65.

**Applications:** External security lighting, loading bays, parking and hardstands, recreation and sporting arenas.

### PRODUCT FEATURES

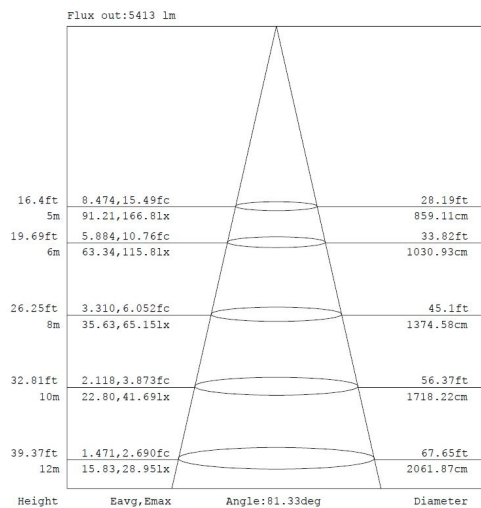
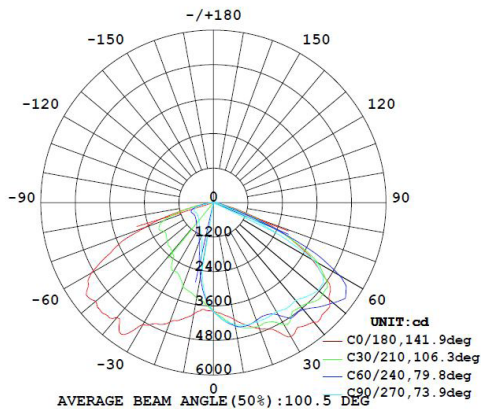
- Light output, up to 14,200Lm.
- Efficacy (up to 118Lm/W) delivering superior energy efficiency
- Ideal for all industrial and commercial floodlight applications
- Life time 100,000 hours (L70)
- Colour rendering exceeds CRI:80
- Beam Angle: 80x150°
- Standard CCT 5000K
- Protection rating IP65
- Multiple mounting options
- Post top mount with 150° adjustment
- Low glare and controlled spill
- Available in black and silver
- Dimming options on request
- Direct connection
- Five Year Warranty



**Dimensions** 444x360x103.5mm

Model	Source	Lumen Output	System Power	CCT	Beam Angle
LPA-SB-ST9-1205K	NICHIA	14200Lm	120W	5000K	80x150°
CRI	Driver	Material	Voltage	Colour	Dimming
>80	MEAN WELL	Aluminium	220-240VAC	BK / SIL	0-10V / DALI optional

*Alternative colour temperatures available on request.*



Alternative beam angles available on request.

## SHOEBOX ST9-120

### Physical

Height:	444mm
Diameter:	360mm
Weight:	7Kg

### Control and Programming

Dimming:	0-10V / DALI / PWM
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### Construction

Fixture:	Aluminium
Fixture colour:	BK / SIL
Lens:	
Impact rating:	IK10
Protection rating:	IP65

### Connection

Power connection:	Direct Connection
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### Output

Luminous Flux:	14200Lm
Efficacy:	118Lm/W
Beam Angle:	80x150°
CCT:	5000K
CRI:	>80
Quantity of Light source:	90
Lifetime:	50,000 hours at 70% lumen

### Electrical

Input Voltage:	220-240VAC
LED Power:	110W
Driver Losses:	10W
Total Power:	120W
Power Factor:	>0.95
Total Harmonic Distortion:	<10%

### Thermal

Cooling:	Convection, Conduction
Operating Range Tc:	-40°C – 50°C
Humidity (non-condensing):	15%~90%RH
Run Temperature Teq:	55°

### Certificates

EMC:	CISPR 15:2011 EN 55015: 2013+A1: 2015 EN 61000-3-2: 2014; EN 61000-3-3: 2013; EN 61547: 2009
Electrical Safety:	AS/NZS 60598.1:2013 AS/NZS 60598.2.1:2014 EN 60598-1:2008+A11:2009; EN 60598-2-3:2003+A1:2011 EN 62493:2010; EN 62471:2008