

EDGE STREETLIGHT 100W



Edge streetlights are ideal for areas requiring contained light spill. It might be car parks, tennis courts, or pathways where a precise level of light is essential but where complying with ordinances or just being a good neighbour is just as necessary.

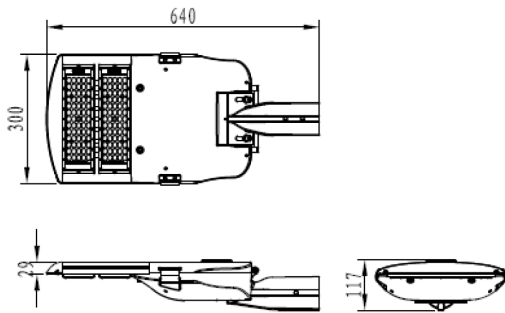
Our range is focussed on performance and flexibility with power options from 60W right through to 240W, delivering luminous flux up to 33,000 lumens.

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

Applications: Highways, roadways, streetscape, walkways, parking and hardstands.

PRODUCT FEATURES

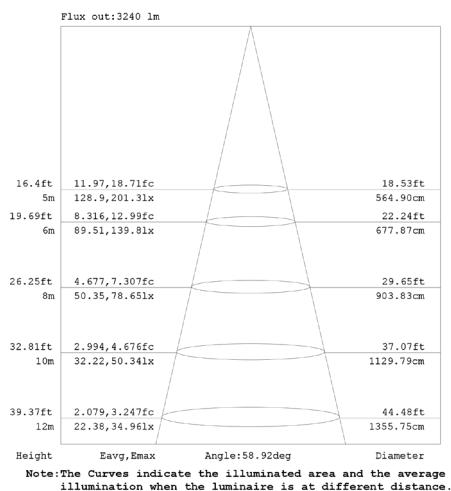
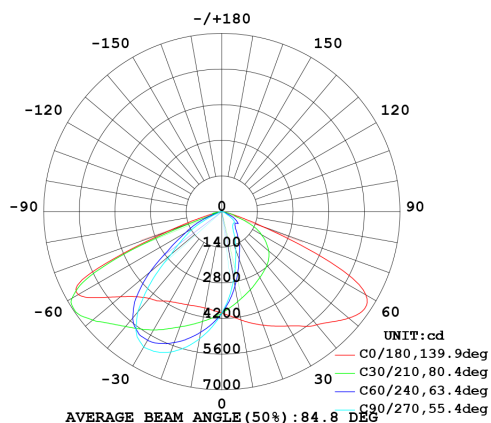
- Light output, up to 14,000Lm.
- Efficacy (up to 140Lm/W) delivering superior energy efficiency
- Ideal for external commercial applications
- Life time 100,000 hours (L70)
- Colour rendering exceeds CRI:70
- Beam Angle: 70x150° (60x140°, 65x145° optional)
- Standard CCT 5000K
- Protection rating IP65
- 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 640x300x117mm

Model	Source	Lumen Output	System Power	CCT	Beam Angle
LPA-ST-ST11-1005K	NICHIA	14000Lm	100W	5000K	70x150°(60x140°, 65x145°)
CRI	Driver	Material	Voltage	Colour	Dimming
>70	MEAN WELL	Aluminium	220-240VAC	BK / SIL	0-10V / DALI optional

Alternative colour temperatures available on request.



Enquire for availability of optional beam angles.

EDGE STREETLIGHT 100W

Physical

Height:	117mm
Diameter:	640mm
Weight:	6.0kg

Control and Programming

Dimming:	0-10V / DALI optional
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Construction

Fixture:	Aluminium
Fixture colour:	BK / SIL
Lens:	
Impact rating:	IK08
Protection rating:	IP65

Connection

Power connection:	
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Output

Luminous Flux:	14000Lm
Efficacy:	140Lm/W
Beam Angle:	70x150° (60x140°, 65x145° option)
CCT:	5000K
CRI:	>70
Quantity of Light source:	
Lifetime:	100,000 hours (L70)

Electrical

Input Voltage:	220-240VAC
LED Power:	92W
Driver Losses:	8W
Total Power:	100W
Power Factor:	0.90%
Total Harmonic Distortion:	≤15%

Thermal

Cooling:	
Operating Range Tc:	-20...+50
Humidity (non-condensing):	15-90%
Run Temperature Teq:	

Certificates

EMC:	CISPR 15:2011 EN55015:2013 EN61547:2009 EN61000-3-2:2014 EN61000-3-3:2013
Electrical Safety:	AS/NZS 60598.1:2013 AS/NZS 60598.2.1:2014 EN60598-2-2:2012 EN60598-1:2015