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LED Street Light **ID-STON**



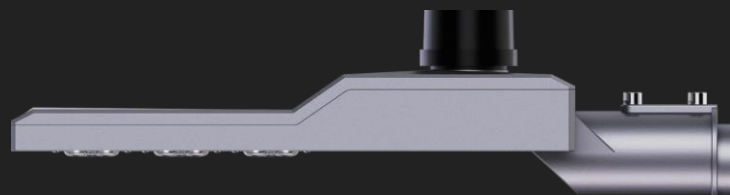
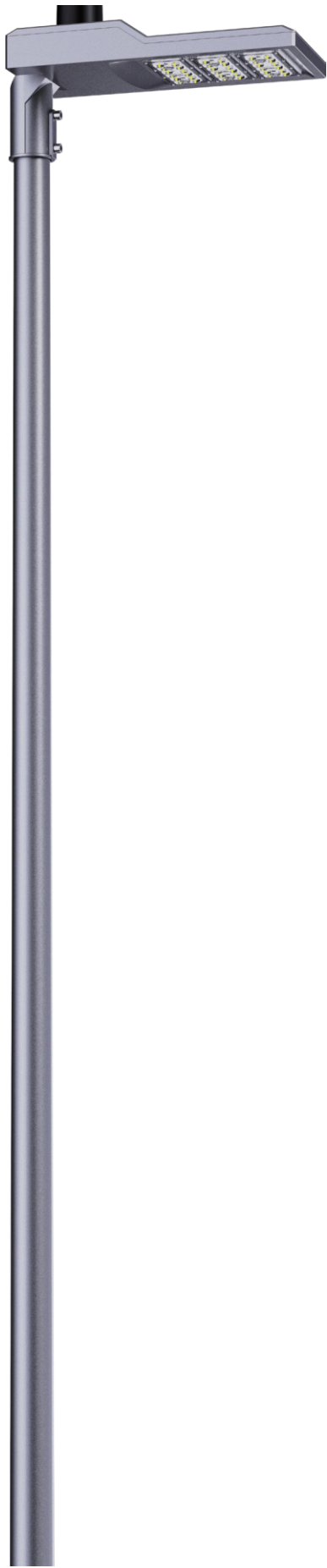
PT NAGARI SANTOSA
Komplek Nagoya Paradise Centre Blok J No.12,
Nagoya, Batam, Telp 0778 458417, Hp 0811698217
www.nagari-santosa.com

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The Art of designing for light

ID-STON is a new arrival in 2022 with the most reliable performance and stability. It adopts ultra high luminous led chips SMD5050 which make the light up to 170lm/W. It is perfect to be used for poles from 5 meters to 8 meters as most requirement in country road and community application.

ID-STON is using aluminium die casting body for fast heat dissipation which ensures the light performs well during its serving period. ID-STON is an ideal led street light which offers great lighting performance with very competitive prices.



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Application Scene

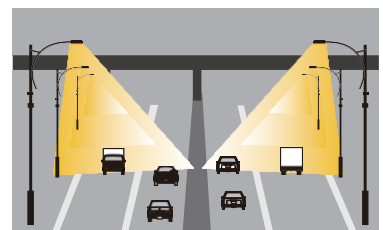
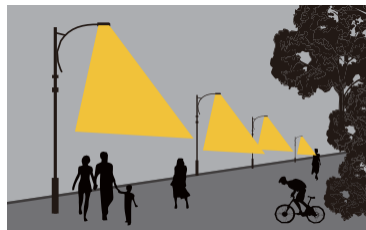
Streets, paths and bike paths

Residential streets

Shared zones, commercial streets in urban areas

Rural roads, Urban roads

Motorways and ring roads



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SMD LED chips Version



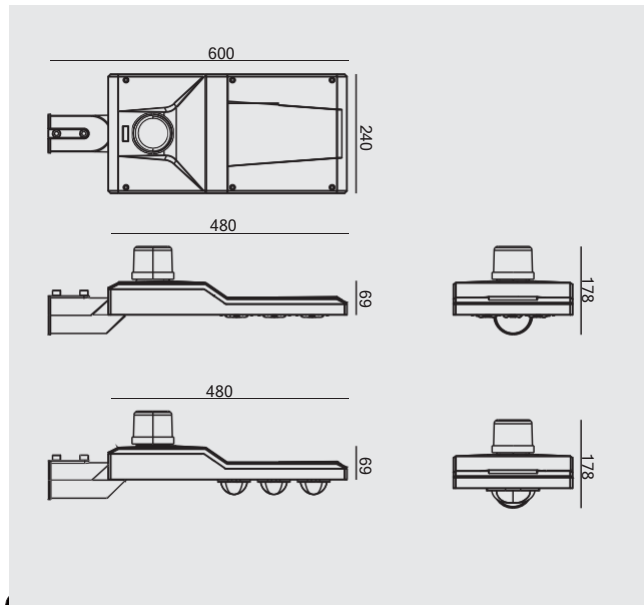
COB LED chips Version

Vertical installation

Technical parameters

Model	ID-STON
Power	40W - 150W
Luminaire efficiency	>170lm/W
Type of light distribution	Bat Wing for light
Product dimensions	600 x 240 x 178mm
Installation Height	6-12m

IP65 IK08 CRI 70-80 100-277V 50-60Hz PF >0.95 10-90%RH CCT 3000K-5700K 50000H -40°C 60°C



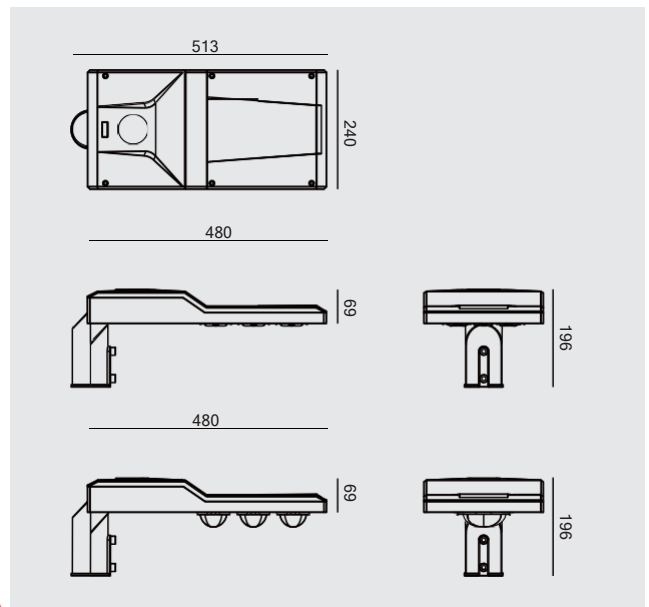
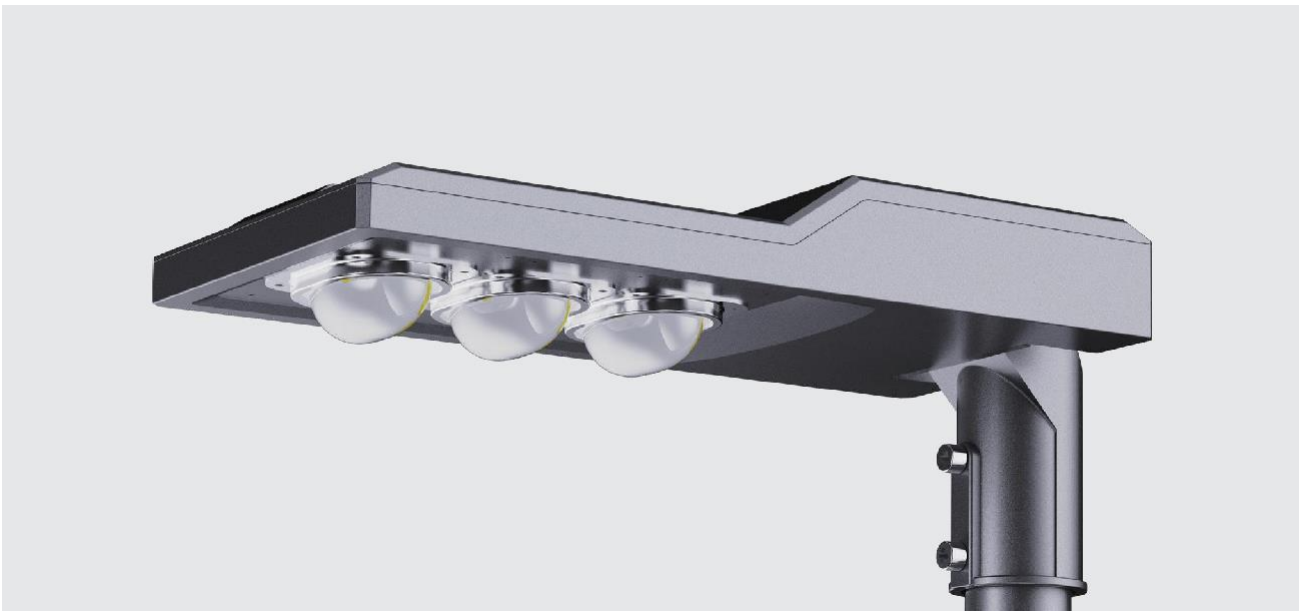
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Technical parameters

Model	ID-STON
Power	50-180W
Luminaire efficiency	>130lm
Type of light distribution	Bat Wing for light
Product dimensions	513 x 240 x 266mm
Installation Height	6-12m

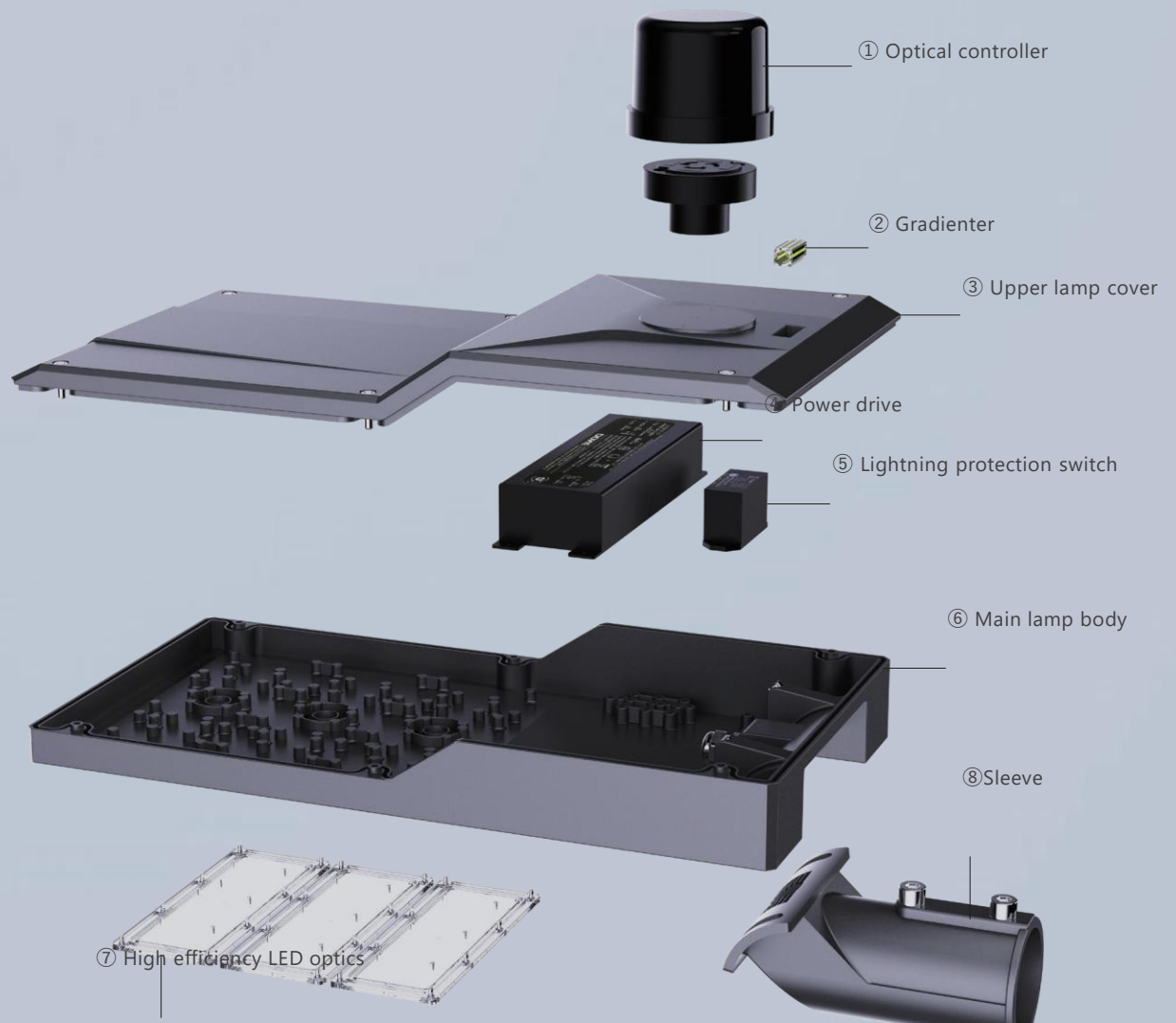
-  IP65
-  IK08
-  CRI 70-80
-  100-277V
-  50-60Hz
-  PF >0.95
-  10-90%RH
-  CCT 3000K-5700K
-  50000H
-  -40°C
60°C



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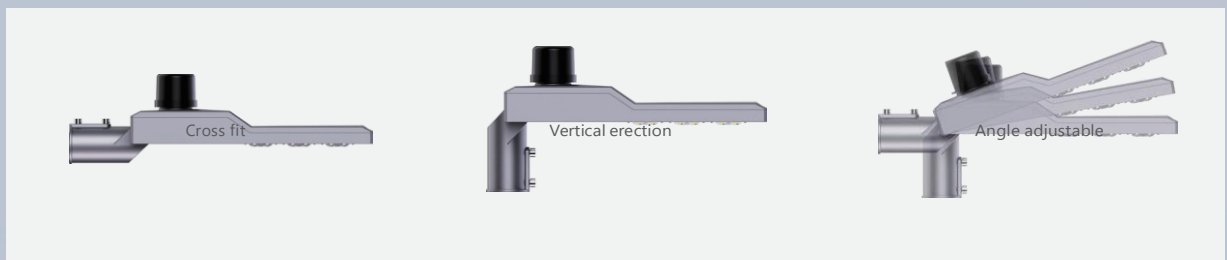


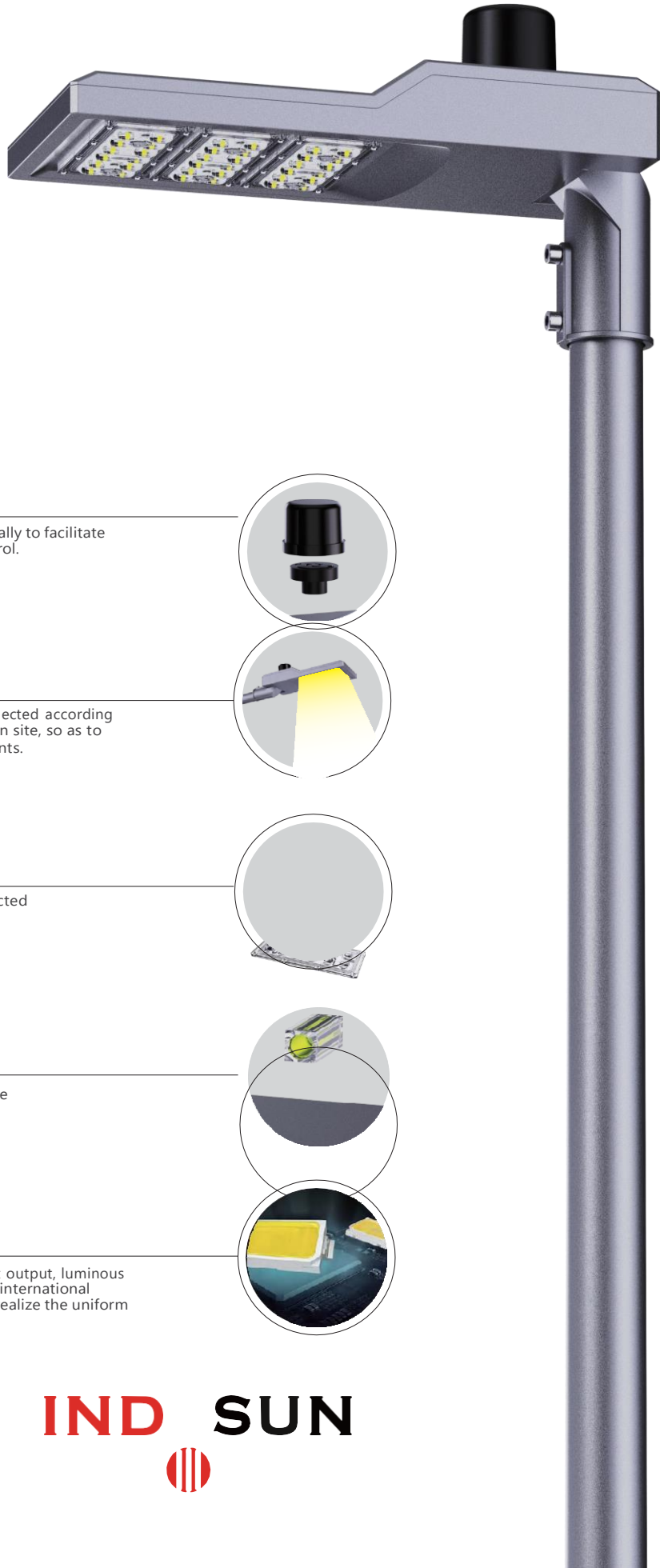
Structure Presentation



Adjustable Light Sleeve

The luminaire adopts horizontal and vertical installation, and supports angle adjustment, which can be adjusted according to different lighting environment to meet different lighting needs.





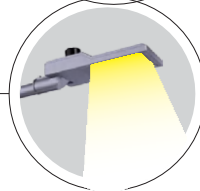
Smart Control (Optional)

Light controller can be installed optionally to facilitate light control and other intelligent control.



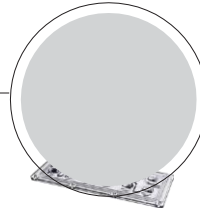
Light distribution

Different light distribution lenses are selected according to the different needs of the application site, so as to meet various environmental requirements.



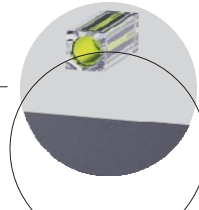
Two types of lenses available

Double light source design, can be selected according to lighting demand.



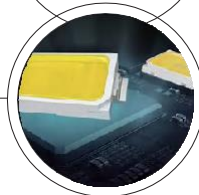
Level design

The level gauge is designed to facilitate installation and calibration.



High efficiency LED

With high brightness LED chip, the light output, luminous efficiency and service life all meet the international standard, and the lens is combined to realize the uniform distribution of light.

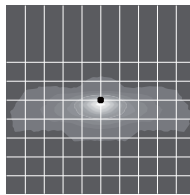
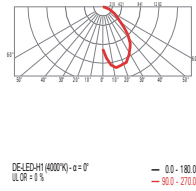
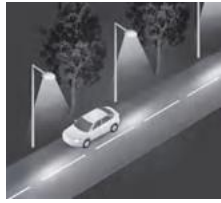


All projects are different and require specific light levels and distributions. We can provide special and specific optics on our led engine to meet your project needs.

Destination

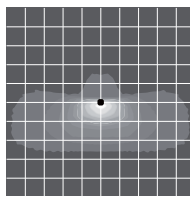
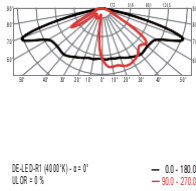
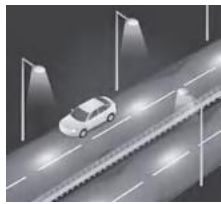
Distribution

Applications



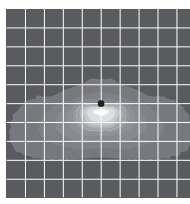
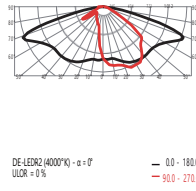
Asymmetric Light distribution for roadways with wide distance between two poles.

Note: This optic is not dedicated to this application only. It can also be used for other configurations.



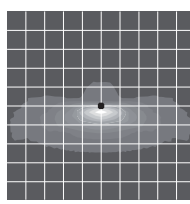
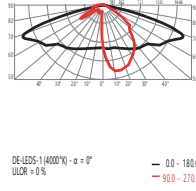
Roadway light distribution for wide streets.

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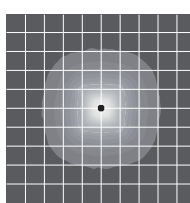
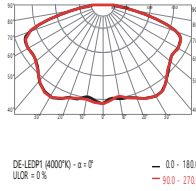
The lamps are installed in the asymmetric lighting of low height residential areas.

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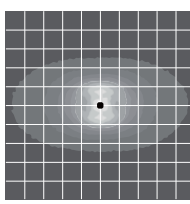
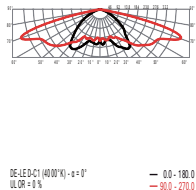
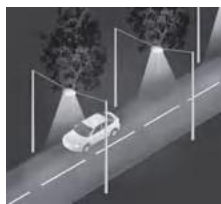
Lighting of bicycle lanes or narrow roads. Circulation track and narrow road.

Note: This optic is not dedicated to this application only. It can also be used for other configurations.



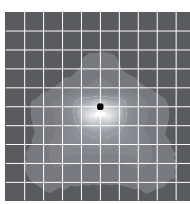
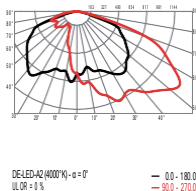
Symmetric light distribution.

Note: This optic is not dedicated to this application only. It can also be used for other configurations.



Symmetric light distribution for catenary luminaire.

Note: This optic is not dedicated to this application only. It can also be used for other configurations.



Wide asymmetric light distribution.

Note: This optic is not dedicated to this application only. It can also be used for other configurations.

intelligent controller



Control options

From simple factory-set dimming to full CMS: enhance your luminaire through intelligent, connected sensors and control systems.

Benefits of smart control

- Reduced energy consumption
- Reduced carbon footprint
- Longer luminaire life
- Lower capital, maintenance and energy costs
- Ability to collect data



Bluetooth
For on/off switching, light control and dimming



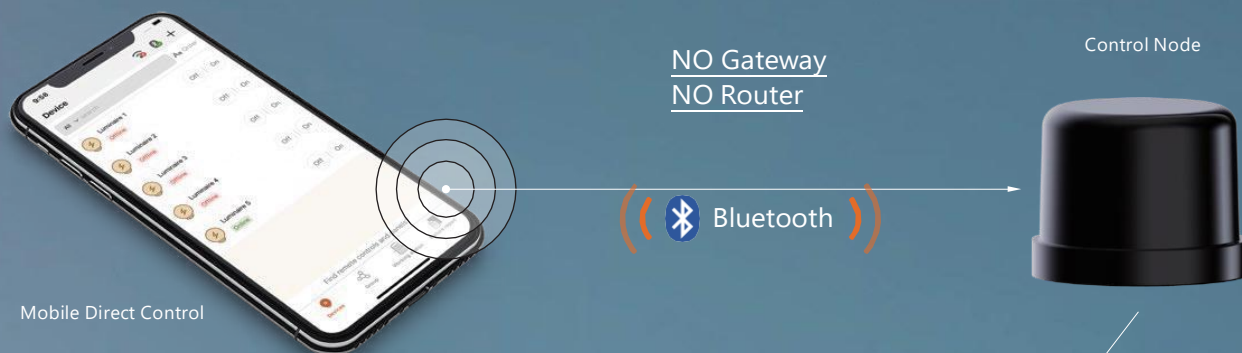
Smart control
Integral CMS: connected (or Smart) assets which use wireless communications networks, offering optimal flexibility. Control a single luminaire or group switch remotely.



Simple, stand-alone controls
Factory-set dimming, time switches, photocells and presence detectors. Control in its simplest form.

- Traffic
- Environmental monitoring
- Traffic management
- City management

The lamps can be equipped with smart components and configured as smart street lamps, integrating transportation, environmental monitoring, energy management, city management and other hardware functions, which can be widely distributed to all corners of the city to help the construction of smart cities.



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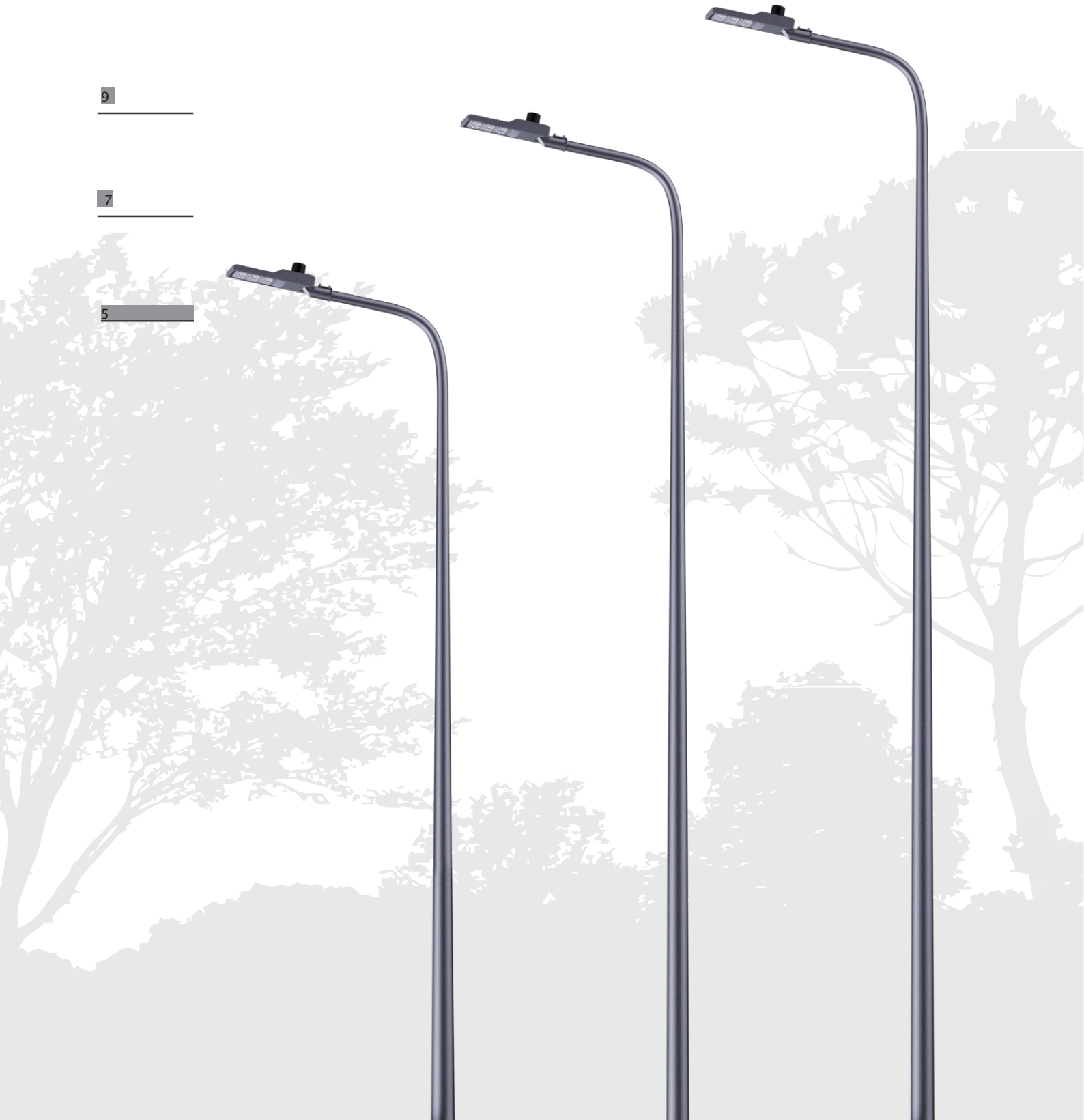
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