Electrostart
STARTS UP THE LIGHT
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LED Street Nano

Characteristics

- Easy and quick installation
- High light efficiency, low energy consumption
- They are light-emitting diodes, so they do not have filaments or burn out quickly (they have incredibly long lives)
- EU made product
- Quality in accordance to all EU standards and directives

Typical application

LED Street Nano lighting fixture is suitable for:

> Urban and residential streets
> bridges
> car parks
> areal lighting
> parks

Electrical characteristics

Supply voltage range	100-277VAC
Rated Power	50, 80W
Frequency	50/60 Hz
Power factor	≥0.95

Protection

Ingress protection	IP66
IK Rating	Body:IK09,Glass IK 08
Safety class	Class I
Surge protection	L-N:10KV: L/N-GND:10KV (optional)
Recommended usage for countries with lots of lightning/thundering	Electrostart SPD 10/20kV

Body characteristics

Body material	Die-casting aluminum alloy
Color	Texture Gray
Optic material	Polycarbonate (PC)
Protector Glass	4 mm Transparent Tempered
Mounting hole diameter	42/60 mm
Angle of movement	from -15°to +15°
Angle of movement 1	68°to -192°

Lighting characteristics

Efficiency	126-128lm/W
Energy efficiency class	B
Color rendering index (CRI)	>70
Color temperature (CCT)	4000K
LED driver	Constant current (CC), ENEC certified
LEDs	PCB
Beam angle lens options	T2/T3/T4

Warranty conditions

Lifespan of the LEDs	60 000h
Warranty	5 Y/7 Y (optional)
Operating temperature	-40 ~ 45^{0}C
Storage temperature	-20 ~ 60^{0}C

Standards

Harmonics	EN 61000-3-2
EMC Immunity	EN 61547
Conducted Emission Test	EN 55015
Luminaires	EN 60598-2-3
LED Luminaire performance	EN 62722-2-1
Photobiological safety	EN 62471

Product	Rated Power	Luminous Flux	CRI	CCT	Efficiency	Optics	Material of Body
LED Street Nano 50W	50W	6 300 lm	>70	4000K	126lm/W	T2/T3/T4	Die-casting aluminum
LED Street Nano 80W	80W	10 240 lm	>70	4000K	128lm/W	T2/T3/T4	Die-casting aluminum

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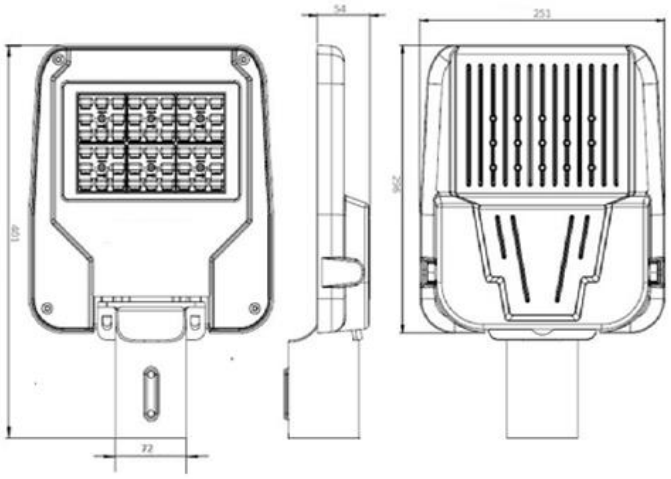
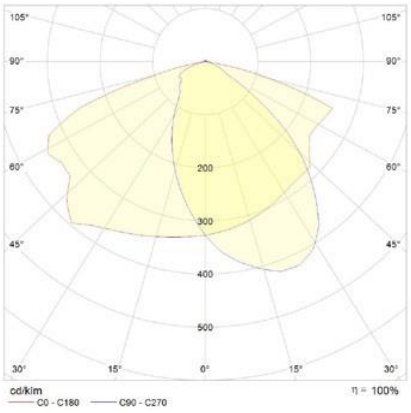
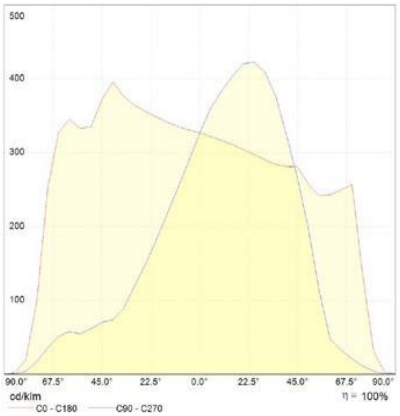
Schemes & Dimensions

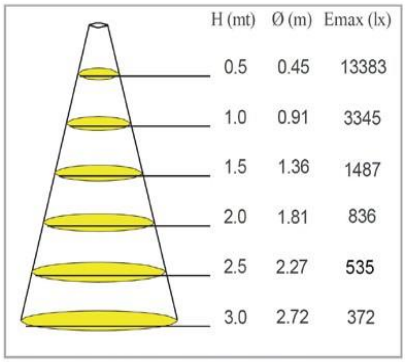


Rated Power	W,mm	L,mm	H,mm	X
50W	251	401	54	296
80W	251	401	54	296

Optical schemes







53.AKYAL 080VN-E 80W 220-240V$_{AC}$ IP66