

**Maintenance:**

- No ballast required
- No maintenance for up to 50,000 hours.
- No flickering or buzzing.
- 50,000 hrs is equivalent to 5.7 years of 24/7/365 usages.
- Instant on/off.

**Necessary Info:**

- Ultra energy efficient, up to 90% energy conservation.
- No mercury, or lead, less CO2 emissions than traditional lighting.
- No UV, infrared output and is not harmful to human body.
- Less heat output, no heat damage.
- Easily installed into existing fixture.
- Longevity of service and minimal maintenance.
- Great directional lighting.

**Gentry Street Light E40 Base 100W**



**Description**

**Gentry LED Street Light E40 base**

By using the world groundbreaking Pipe Cooling Technology, we achieved a better coolant system than regular aluminum. Optimized fluid evaporation and condensation to transfer heat and apply our thermal controlled air-cooling technology, our E40 LED light is more powerful, compact, and bright and has better thermal dissipation.

Unique Integrated lens and cover design. Special arrangement of the lens provides a better light focus and greater light efficiency. This special design also reduced the weight of the LED lamp system, making it extremely compact and easy to fix.

The first E40 designed by controlling the temperature of high power LED Street lights. Temperature controlling systems protect the LED light and achieve a longer life-cycle. When the temperature is higher than 70°C (+/- 5°C), the temperature controlling system is active to provide protection by lowering the current by 50%. When the temperature drops to 50°C, the current will be adjusted back to normal.

Using a common standard base, which is adjustable to a full 360 degree angle, it can be rotated as needed to any angle after the lamp is tightened to achieve the best lighting position.

With its light weight and compact appearance, our high-power LED Street light can effectively reduce the air resistance and its weight on the pole, increasing the safety factor.

**Specification Features**

Item No	NSRL 100W E40 D32 D105
Power Consumption	100W+-10%
Socket Type	E40
Voltage	36-40VDC/4A
Color Temperature	2500-10000k
IP Rating	IP65
Lamp Output Flux	7600
Lumen	160-190Lm
LED Luminous Efficiency	≥120Lm/W
Beam Angle	150°
Power Efficiency	90+%
LED Chip	70 PCs
Dimmable	No
Operating Temperature	-20C to +50C
Certificate	CE; RoHS, UL Pending
Body Material	Aluminum
Rated Life	Up to 50,000 hrs
Ratings	Outdoor
Warranty	3 years

- \* Perfect for parking lot, tunnel, highway, etc.
- \*Excellent for Thermal Management.
- \* Great for institutions looking to reduce energy consumption without sacrificing quality.

Illumination (E)	Effective Lighting Area
(Height=6m;19.68ft) $\geq 50$ lux	18*16.4ft (Height=6m)
(Height=8m;26.25ft) $\geq 29$ lux	25*27.95ft(Height=8m)
(Height=10m;32.81ft) $\geq 18$ lux	30*26.25ft(Height=10m)
(Height=12m;39.37ft) $\geq 13$ lux	36*32.81ft(Height=12m)