



# Technical Specification

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**New Evolution Lighting Ltd.**

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Kong

## Selected NELL lighting fixtures

NEL-100-Rev.-A 6000-7000Lm LED Light





# Specification

Item	100W
Appearance	Silver anodized recyclable aluminum casing
Voltage	AC 50/60Hz 100-240V, DC 36V
Color	White/Yellow
Lighting efficiency	60 lm/W
<b>Power Factor</b>	>0.9 PF
LED chip power	100W
LED fixture power	126W
Distribution curve	Quasi-circular light spot
Angle	C0-180 : 130°/C90-270: 80°
LED array	1W high-power LED,100pcs
Lifecycle	50000H
Luminous flux	6000-7000 Lm(white)/4000-5000Lm(yellow)
Correlated Color temperature/ CCT	6000K-7000K(white)/589K-593K(yellow)
Center lighting illuminance (E)	≥400 lux(height of light=4M)
Effective light area	Height of light=4M : Diameter:7M
Light uniformity rate	> 0.4
LED size	160*128mm
Weight of light fixture	1.290kg
Protection class	IP30
Working environment	-15°C ~ +40 °C
Storage environment	-20°C ~ +60 °C

**Yellow LED light costs 30 USD per light fixture more .**