

Item No.	RN-HP168-168
Suggested light replacement	400W Sodium Lamp
Light Source	Cree high power LED, 100-114lm/W
LED Quantity	CREE 1W×164
LED Initial Flux	17700lm
Lamp Total Power	168W
Power Efficiency	92%
Lamp Total Flux	17700lm(Tj=25°C)
Lamp's Efficiency	105lm/W
Average Illumination and Effective Illuminated Area	6M Height 20m×8m ≥82LUX
	8M Height 26m×10m ≥46LUX
	10M Height 33m×13m ≥30LUX
	12M Height 40m×16m ≥21LUX
Color Index(CRI)	Ra>75
Color Temperature(CCT)	Cool white: 5000-7000K ; Pure white: 3700-5000K ; Warm white: 2600-3700K
Beam Angle	Horizontal Axis:120°/140°; Vertical Axis:60°/68°
Light Distribution Curve(Beam Pattern)	Asymmetric (Bat Wing)/Rectangular Beam
Input Voltage	85-264V AC
Frequency Range	47-63Hz
Power Factor(PF)	>0.98
Total Harmonic Distortion(THD)	<10%
Storage Temperature	-40°C--+80°C
Working Environment	-40°C--+50°C;10%-95%RH
Junction Temperature(Tj)	60°C±10%(ta=25°C)
Light Body and Lampshade Material	Aluminum Alloy and PC
Working Lifetime	>50000hrs
IP Rating	IP65
Net Weight	8.9kg
Gross Weight	9,8 kg
Product Size (mm)	468×320×105
Package Size(mm)	480×380×120(1PC)
*Suggest pole height: 10-12m, pole distance: 30-35m	

