

# SONARAY



## LED Street Light

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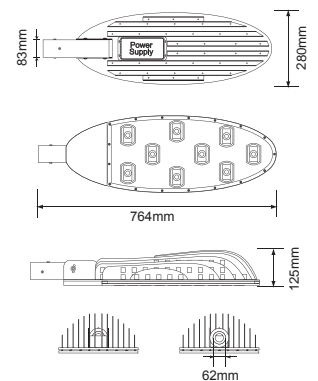


**ST-001-A**

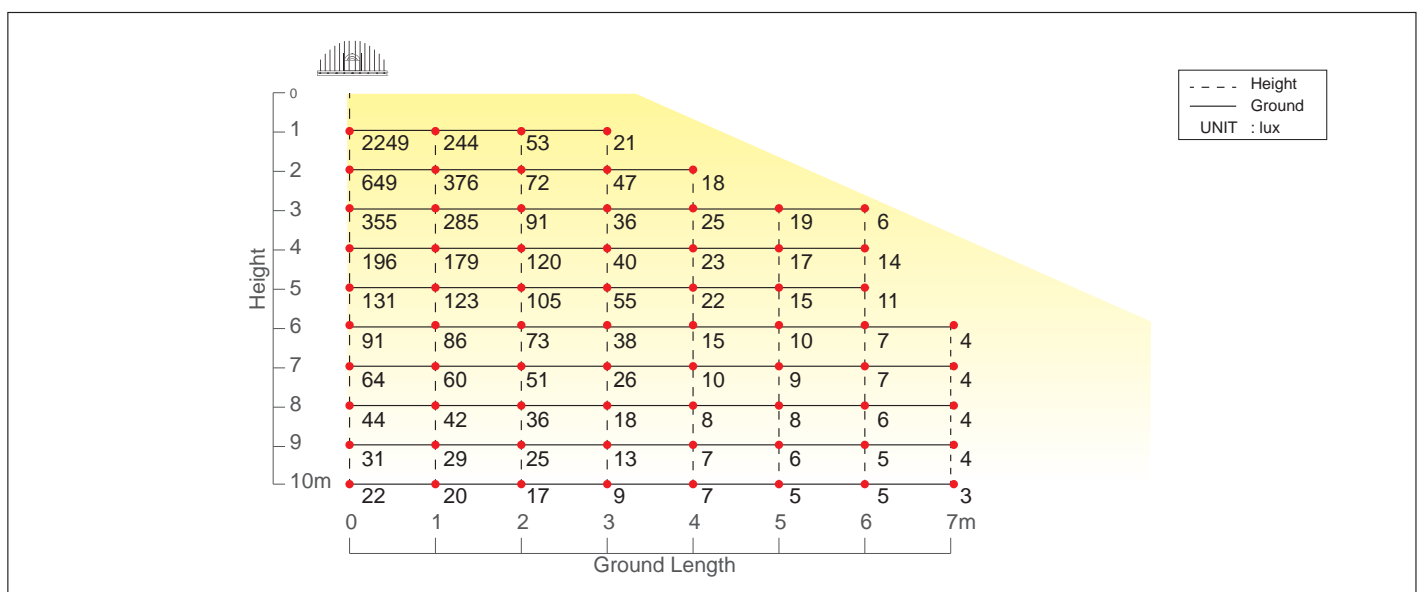
**CE CQC IP65**



Power Consumption: 120W  
 LED Luminous Flux: 9844lm ( 5000K )  
 Luminous Efficacy: 82lm/w  
 CCT: 3000K / 5000K  
 CRI: ≥65  
 Light Source: 9 LEDs  
 Beam Angle: 120°(H)×60°(V) / 145°(H)×65°(V)  
 Power Supply: Built-in  
 Power Requirement: AC 100~240V, 50 / 60Hz  
 Power Factor: ≥0.9  
 Housing: Aluminum  
 Weight: 9kg  
 Operation Temperature: -25℃ ~ +45℃  
 Average Lifetime: ≥35000hrs



## Illuminance Distribution



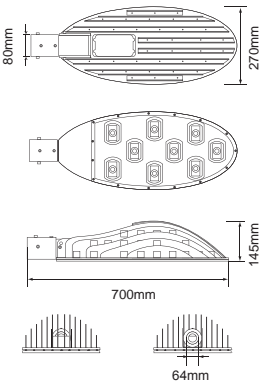


# ST-001-B

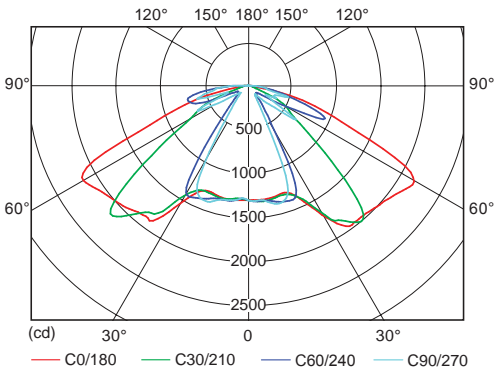
CE CQC IP65



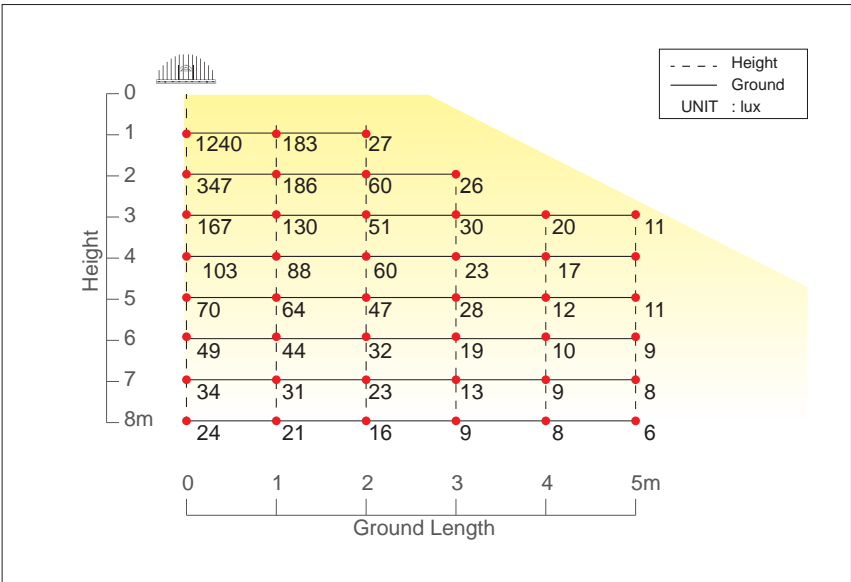
Power Consumption: 60W  
 LED Luminous Flux: 5077lm ( 5000K )  
 Luminous Efficacy: 85lm/w  
 CCT: 3000K / 5000K  
 CRI: ≥65  
 Light Source: 9 LEDs  
 Beam Angle: 120°(H)×60°(V) / 145°(H)×65°(V)  
 Power Supply: Built-in  
 Power Requirement: AC 100~240V, 50 / 60Hz  
 Power Factor: ≥0.9  
 Housing: Aluminum  
 Weight: 6.35kg  
 Operation Temperature: -25℃ ~ +45℃  
 Average Lifetime: ≥35000hrs



## Light Distribution Map



## Illuminance Distribution







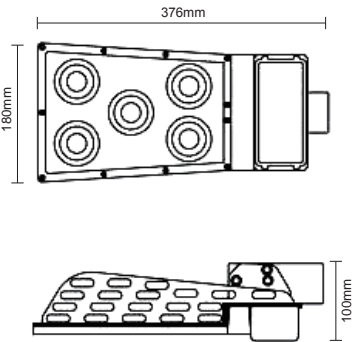


# SON-SL-A (ST-2060)

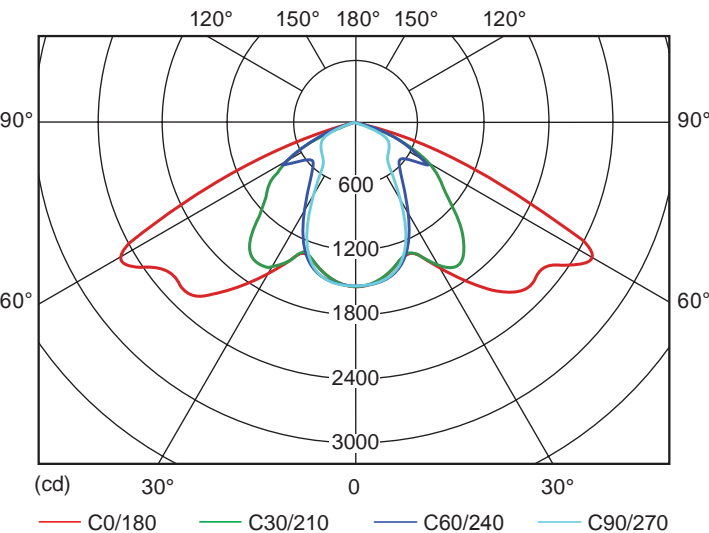
CE CQC IP65



Power Consumption: 60W  
 LED Luminous Flux: 4599lm (5000K)  
 Luminous Efficacy: 77lm/w  
 CCT: 3000K / 5000K  
 CRI : ≥65  
 Light Source: 5 LEDs  
 Beam Angle: 120°(H)×60°(V) / 145°(H)×65°(V)  
 Power Supply: Built-in  
 Power Requirement: AC 100~240V, 50 / 60Hz  
 Power Factor: ≥0.9  
 Housing: Aluminum  
 Operation Temperature: -25℃ ~ +45℃  
 Average Lifetime: ≥35000hrs



## Light Distribution Map



## Illuminance Distribution

SON-SL-A ( 5000K )

Height(m)	E(lx)	Diameter(cm)
3	172	836
6	43	1673
9	19	2509
12	11	3346
15	7	4183

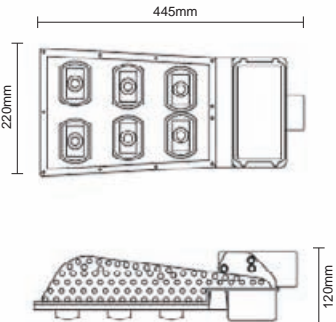


# SON-SL-B (ST-2120)

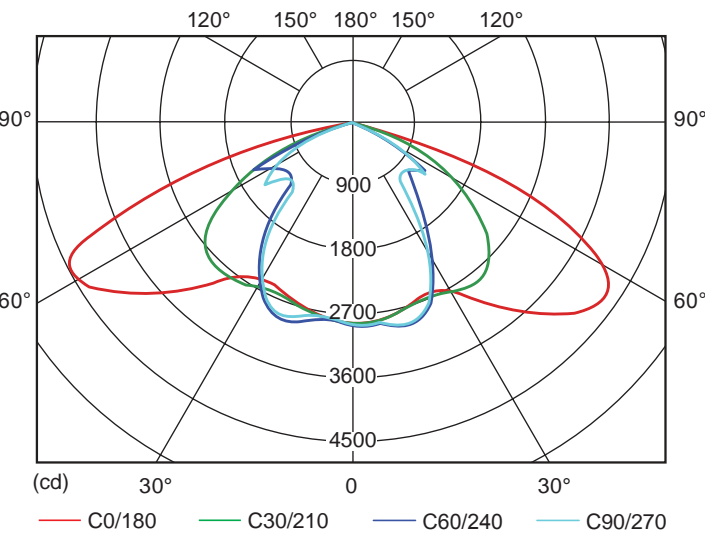
CE CQC IP65



Power Consumption: 120W  
 LED Luminous Flux: 9436lm (5000K)  
 Luminous Efficacy: 85lm/w  
 CCT: 3000K / 5000K  
 CRI: ≥65  
 Light Source: 6 LEDs  
 Beam Angle: 120°(H)×60°(V) / 145°(H)×65°(V)  
 Power Requirement: AC 100~240V, 50 / 60Hz  
 Power Supply: Built-in  
 Power Factor: ≥0.9  
 Housing: Aluminum  
 Weight: 4kg  
 Operation Temperature: -25℃ ~ +45℃  
 Average Lifetime: ≥35000hrs



## Light Distribution Map



## Illuminance Distribution

SON-SL-B ( 5000K )

Height(m)	E(lx)	Diameter(cm)
3	314	942
6	79	1884
9	35	2825
12	20	3767
15	13	4709



## SON-SL-C (ST-2200)

CE CQC IP65



Power Consumption: 200W  
 CCT: 3000K / 5000K  
 CRI:  $\geq 65$   
 Light Source: 8 LEDs  
 Beam Angle:  $120^{\circ}(\text{H}) \times 60^{\circ}(\text{V})$  /  $145^{\circ}(\text{H}) \times 65^{\circ}(\text{V})$   
 Power Supply: Built-in  
 Power Requirement: AC 100~240V, 50 / 60Hz  
 Power Factor:  $\geq 0.9$   
 Housing: Aluminum  
 Weight: 7.5kg  
 Operation Temperature:  $-25^{\circ}\text{C} \sim +45^{\circ}\text{C}$   
 Average Lifetime:  $\geq 35000\text{hrs}$

