



F14L Series LED Street Light



Function & Features



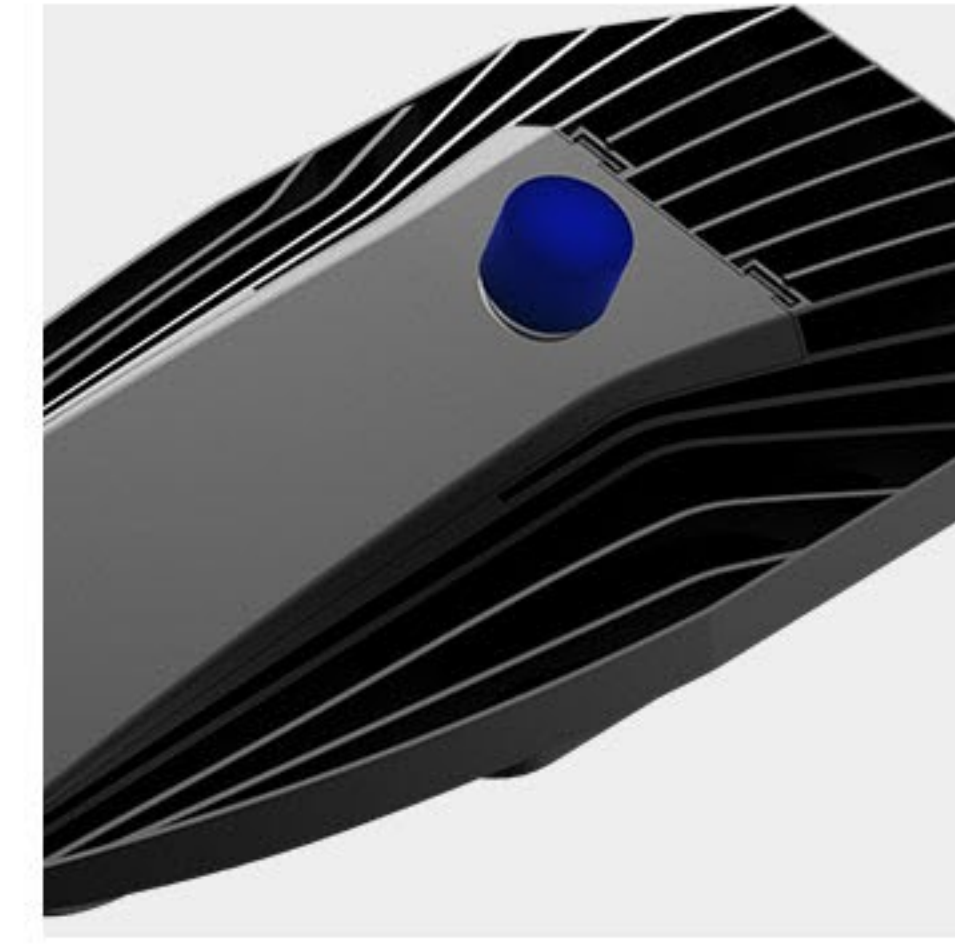
Buckle Design

Buckle design, easy to open and close.



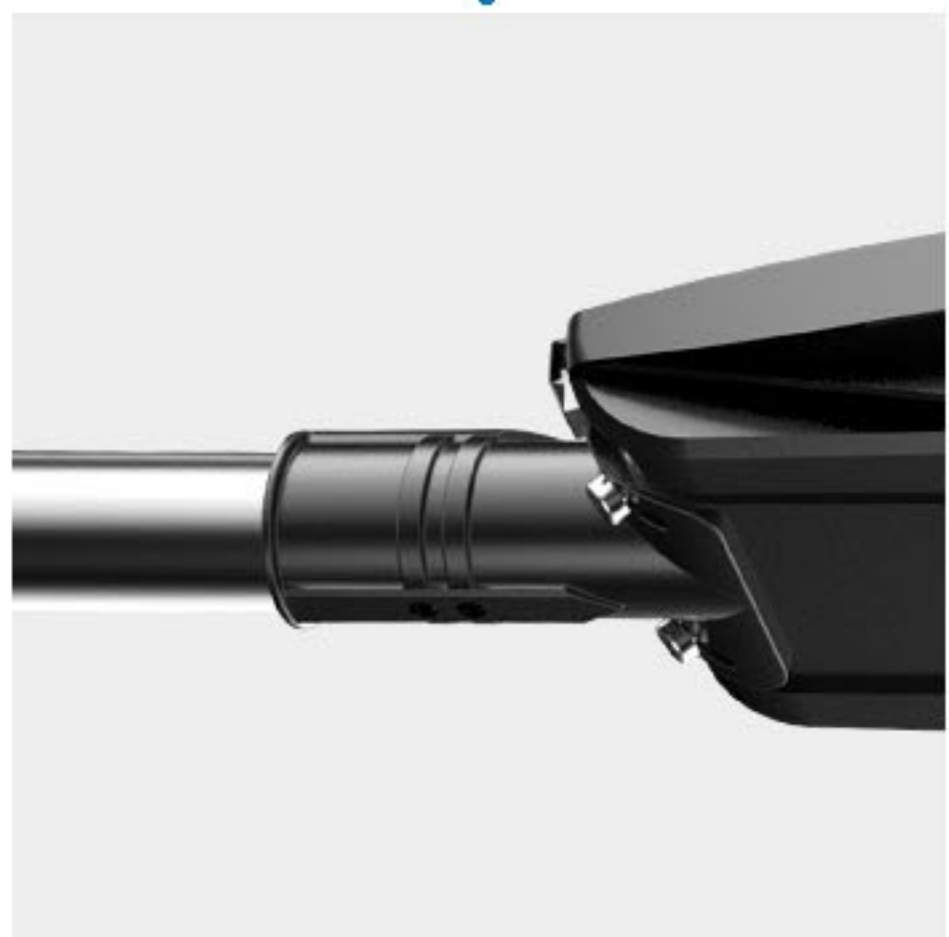
Anti-dust Cover

Die-cast material anti-dust cover, page design, easy to maintenance & without bird dung.



Photocell Option

Photocell (turn on/off automatically by the sunset/sunrise).



Adjustable Angle

Adjustable angle bolt casing, 0° and 90°, adapt different methods of installation requirements.



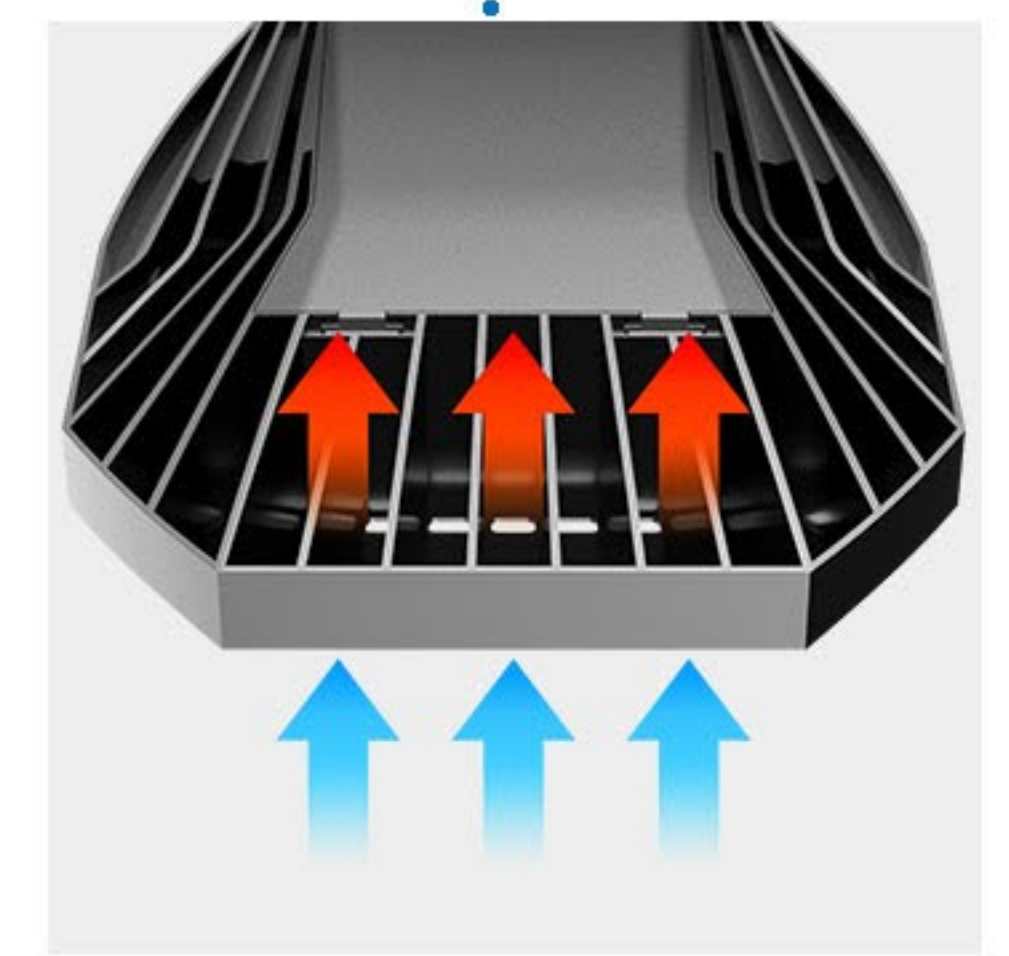
Branded LED Driver

Can achieve intelligent lighting control and 6KV/10KV surge protection. Providing excellent performance and lifespan.



Optical Lens

Imported optical lens with high lighting transmittance, anti-UV materials, secondary light dissipation technology.



Heat Dissipation

High quality die-casting aluminum housing, optimization design of heat dissipation structure, ensure LED luminous efficiency and lifetime.

Function & Features

Model No.	BSL80Z-F14L	BSL100Z-F14L	BSL120Z-F14L	BSL150Z-F14L	BSL180Z-F14L
Nominal Wattage	80W	100W	120W	150W	180W
Input Voltage	AC100-305V 50/60Hz				
Power Factor	>0.95				
T.H.D	< 20%				
Luminaire Efficacy (lm/W)	>120lm/W(3030 LEDs) / >150lm/W(5050LEDs)				
C.R.I	75±5				
C.C.T	3000K / 4000K / 5000K / 5700K / 6500K				
Rating	IP66,IK10,Class II				
Heat Radiator	Anodized Aluminum				
LED Lens	PC (UV Resistance)				
LED Chips Info	Lumileds				
Luminaire Material	Die-casting Aluminum + PC				
Pole Mounting Diameter	Suitable for ϕ 40-60mm Pole				
Warranty	5 Years				
	Thermal conductivity of PCB board >2.0				

Install Height

14m

12m

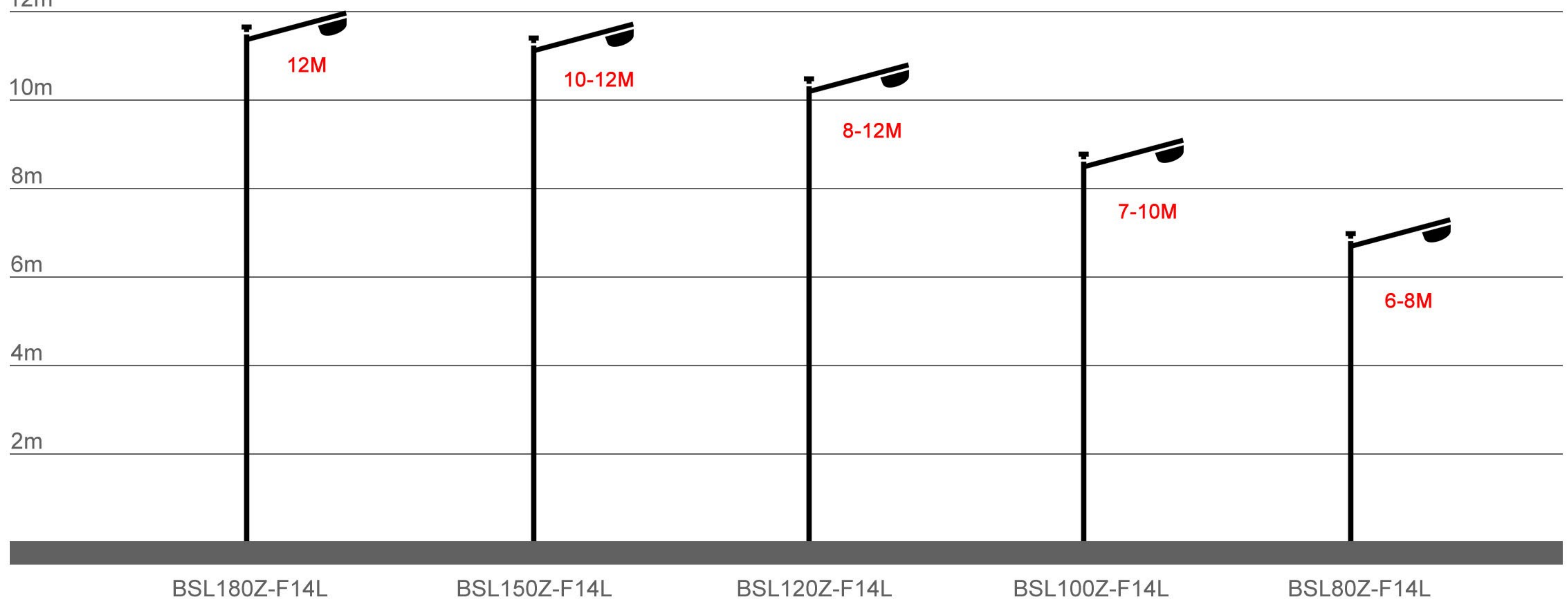
10m

8m

6m

4m

2m



BSL180Z-F14L

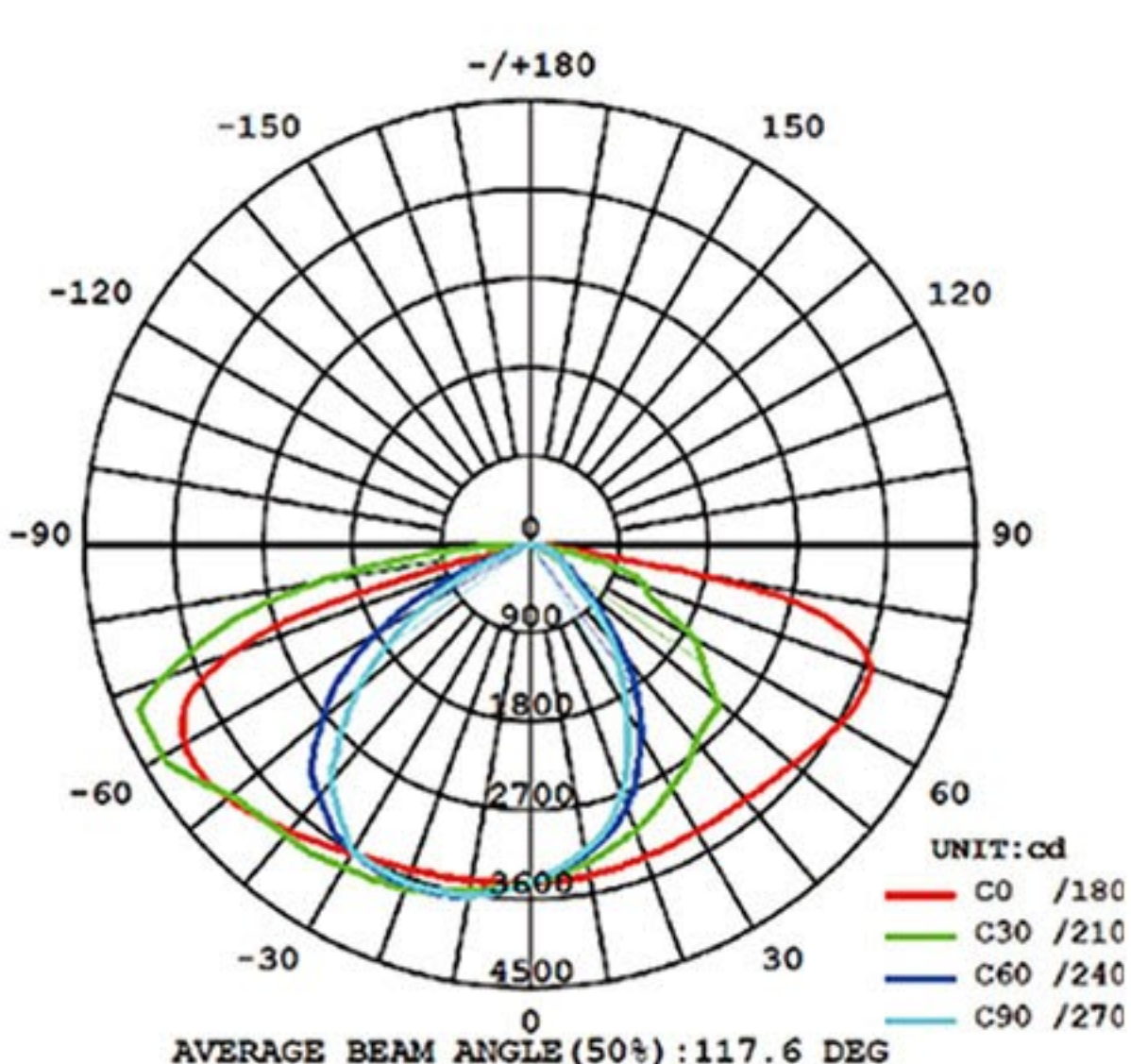
BSL150Z-F14L

BSL120Z-F14L

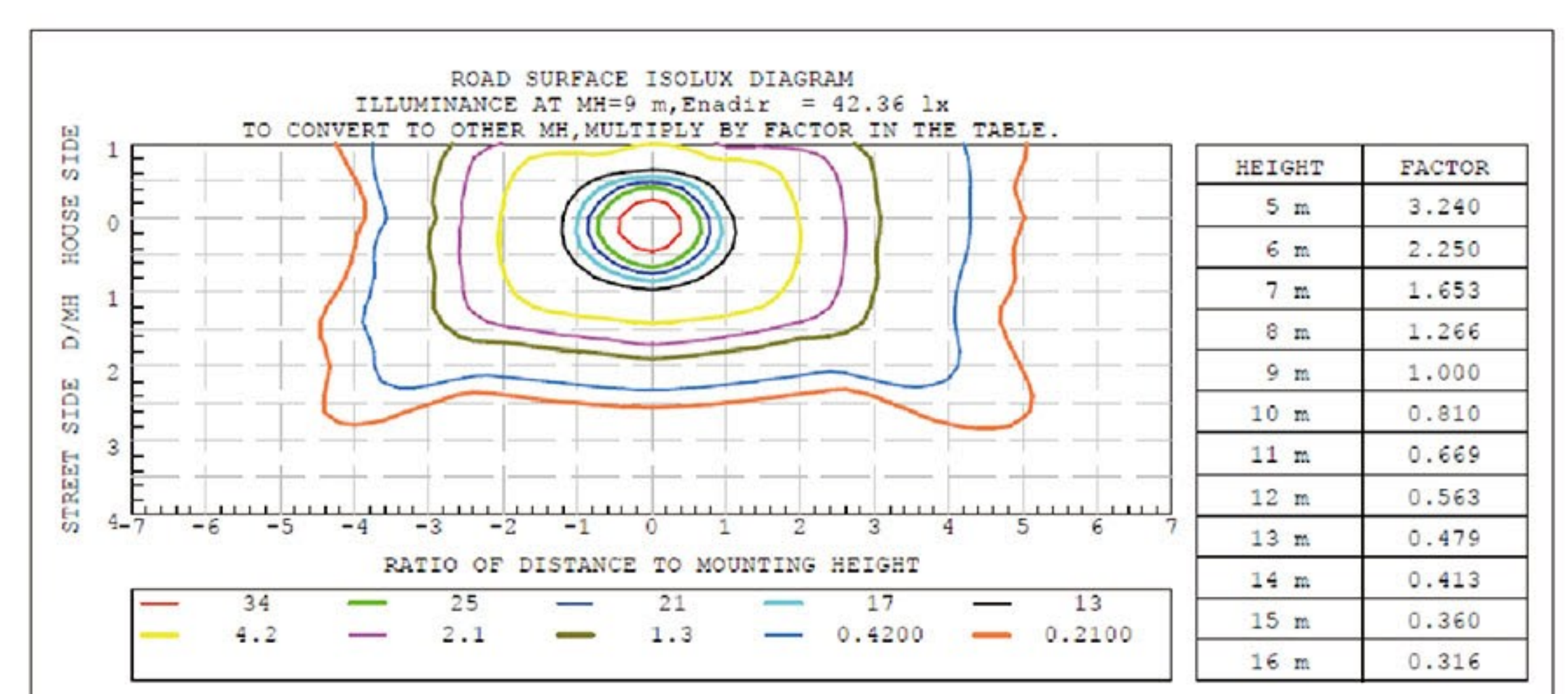
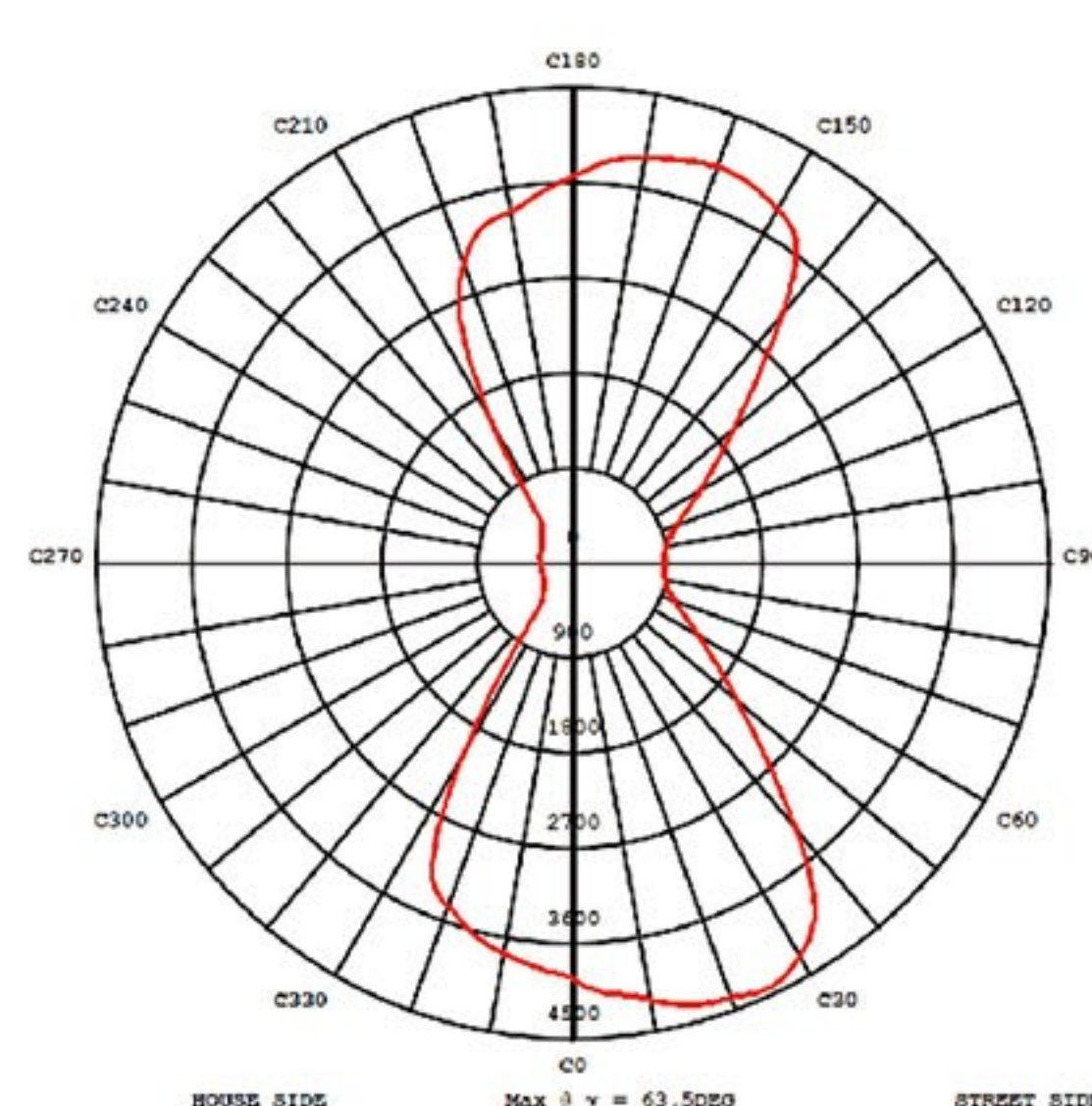
BSL100Z-F14L

BSL80Z-F14L

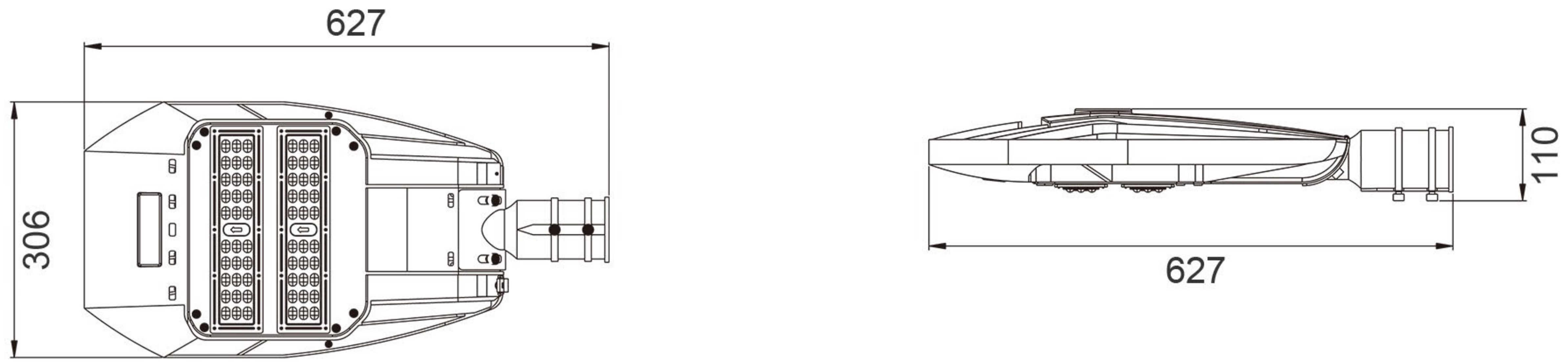
Distribution Curve



TYPE IV S 153*89°



Product Size



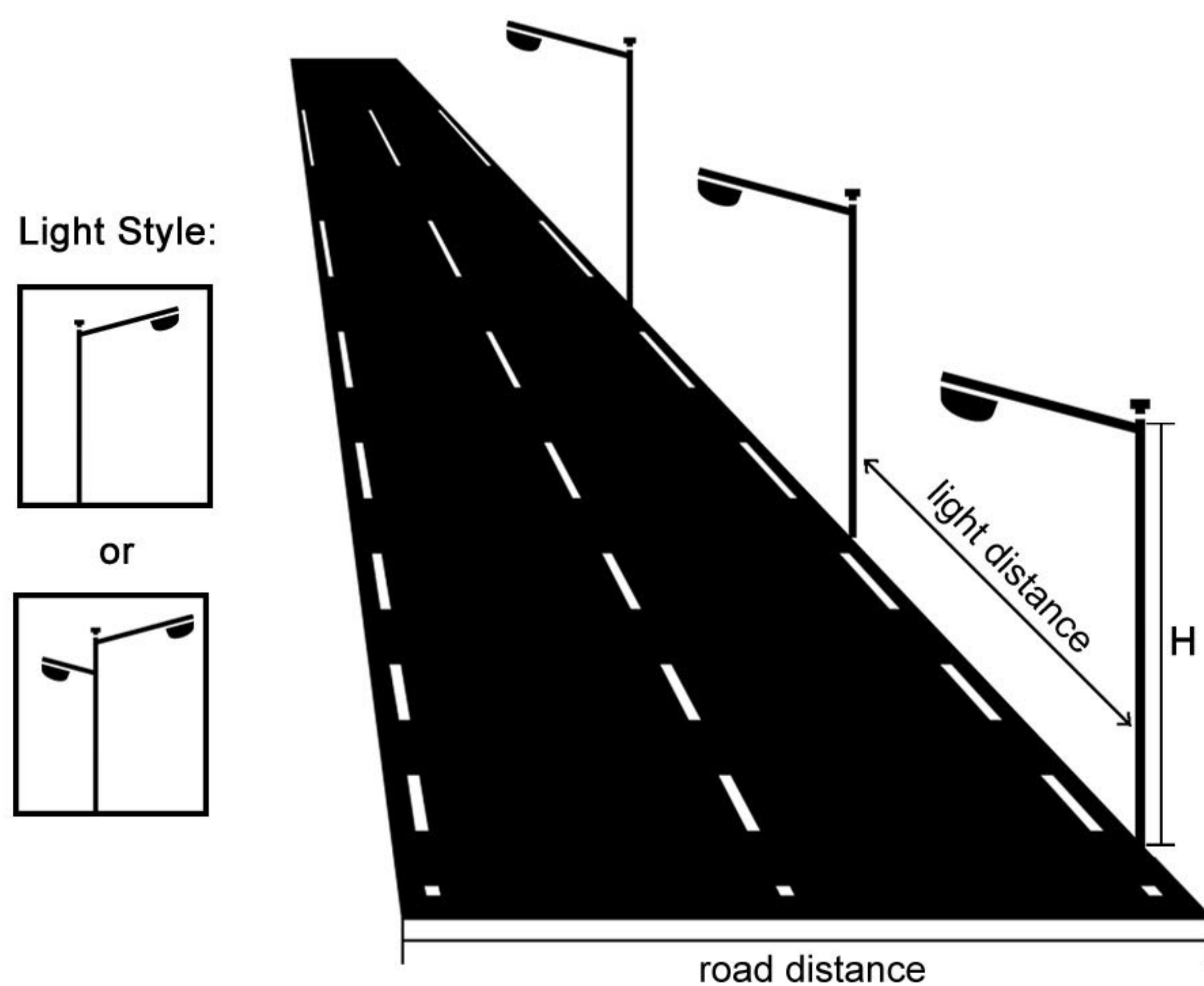
(Unit:mm)

Model	Product Size(L*H*W)	Packing Size(L*H*W)	N.W.	G.W.
BSL80Z-F14L	627*306*110mm	670*330*150mm	4.8kg	5.3kg
BSL100Z-F14L	627*306*110mm	670*330*150mm	5.0kg	5.5kg
BSL120Z-F14L	627*306*110mm	670*330*150mm	5.0kg	5.5kg
BSL150Z-F14L	627*306*110mm	670*330*150mm	5.3kg	5.8kg
BSL180Z-F14L	627*306*110mm	670*330*150mm	5.5kg	6.0kg

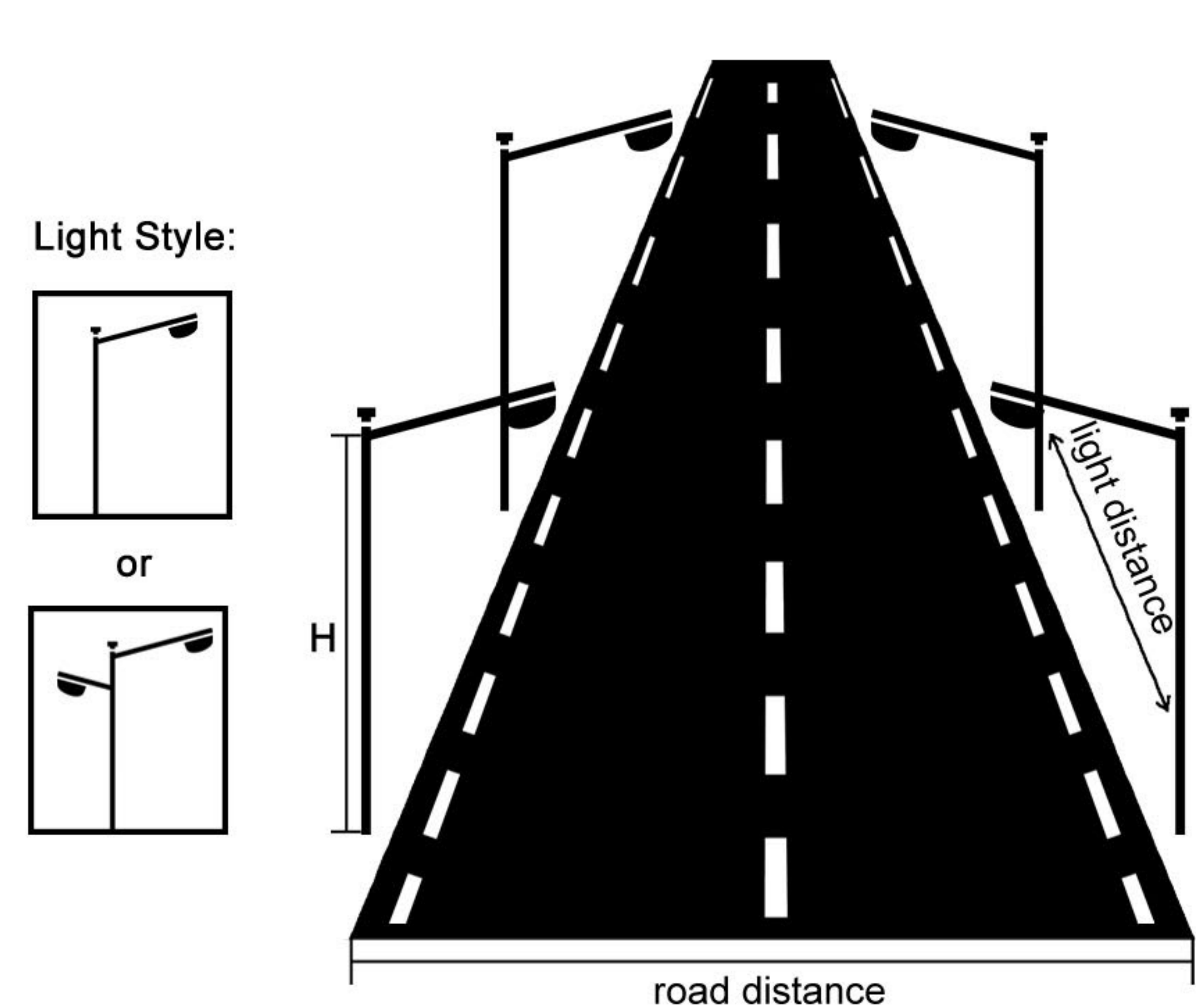


Lamp Distribution Mode

A.Unilateral Mode

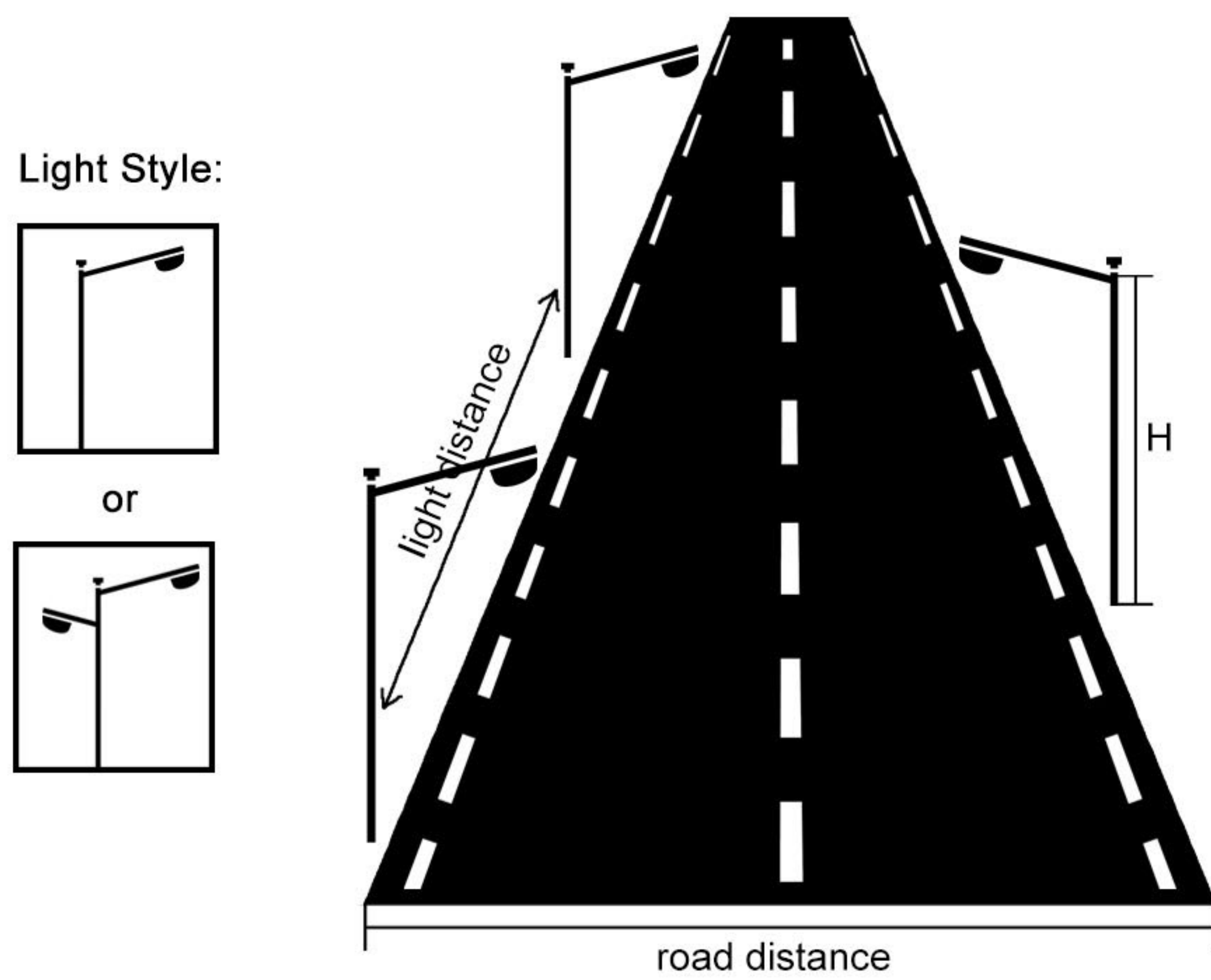


B.Bilateral Mode

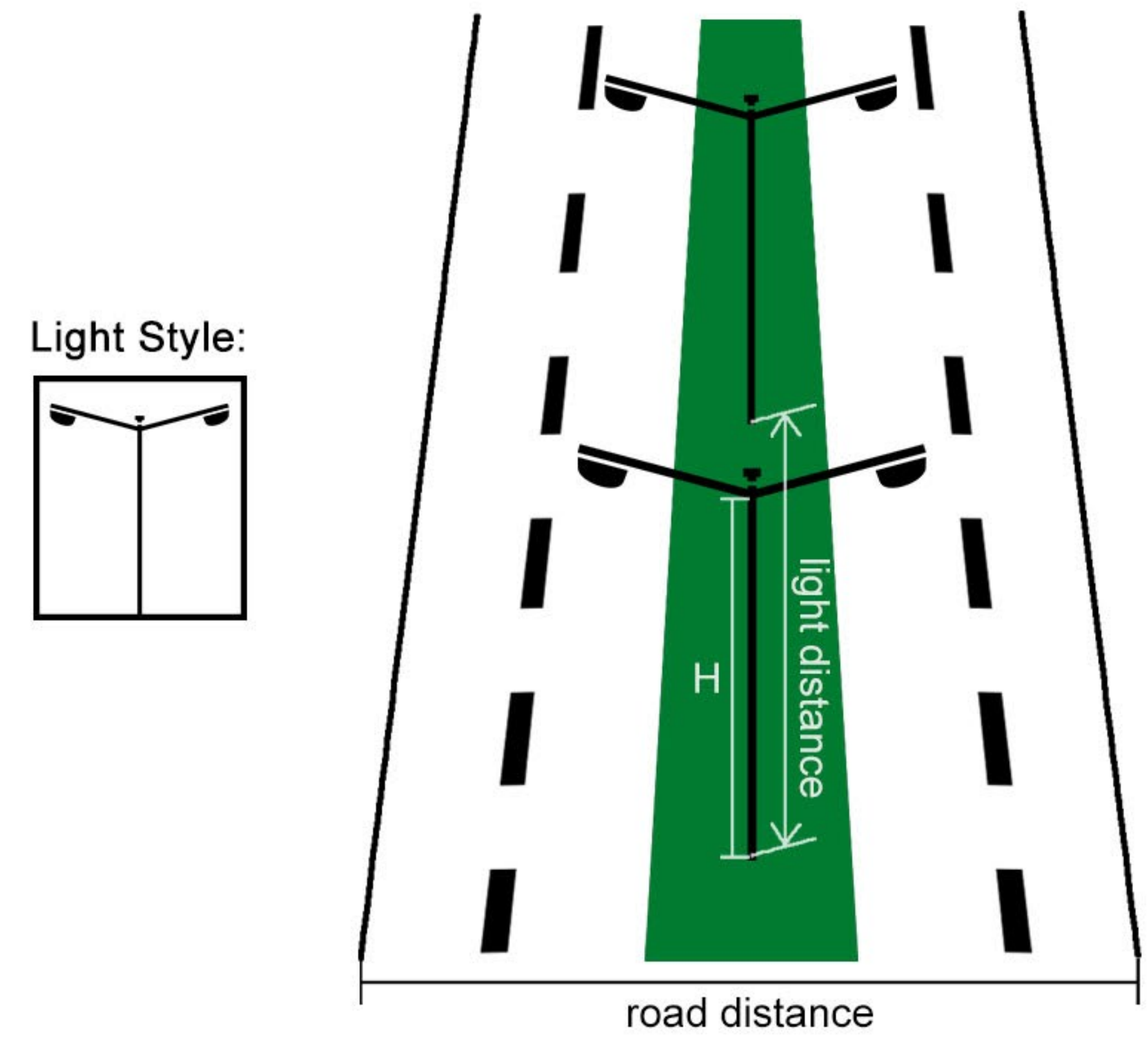


Lamp Distribution Mode

C. Bilateral-staggered Mode



D. Central Symmetric Mode



Application Scenes

General lighting for all roadways, avenues, streets etc., area and site lighting for parking lot, playground, sport area etc.
Available to replace traditional MH or HPS luminaires up to 400W.



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