

# VIMALUX

A brighter vision

OUTDOOR LIGHTING

## ZETA

## Garden Light



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**1 Product Introduction**

**2 Major Selling Points**

# ZETA

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## ZETA-Garden Light



- ✓ Parabolic appearance design, smooth and beautiful, with design patent ;
- ✓ Light efficiency can reach 130-160lm/W ;
- ✓ Tool-free opening, more convenient maintenance ;
- ✓ Support NEMA, ZHAGA interface and intelligent control;
- ✓ Aluminum alloy + tempered glass shell, IP66, IK08;
- ✓ The integrated heat conduction structure of the upper cover increases the heat dissipation efficiency;
- ✓ Multiple installation type adapt to different installation scenarios ;
- ✓ Various light distribution solutions.

# Product parameter table

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ZETA Gardenlight				
LED	SMD 3030/5050			
Input Voltage	100-277V			
Power (W)	20W	40W	60W	80W
Luminaire Efficiency@4000K, Ta=25°C (lm/W)	130-160lm/W			
CCT (K)	3000K	4000K	5000K	
Color tolerance	≤5 SDCM			
CRI	> 70			
Driver	MOSO		SOSEN	
Surge protection	10KV		20KV	
IP Grade	IP66/			
IK Grade	IK08			
Resistant to salt spray	> 300h			
Pole Diameter	Post Φ76mm/Light arm Φ60mm			
Working Temp.	- 40 °C ~ 50 °C			
Storage Temp.	-40 °C ~ 60 °C			
Life Span (Hrs)	50000 Hrs			

# Product applications

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City road



Community road



Business district



Park



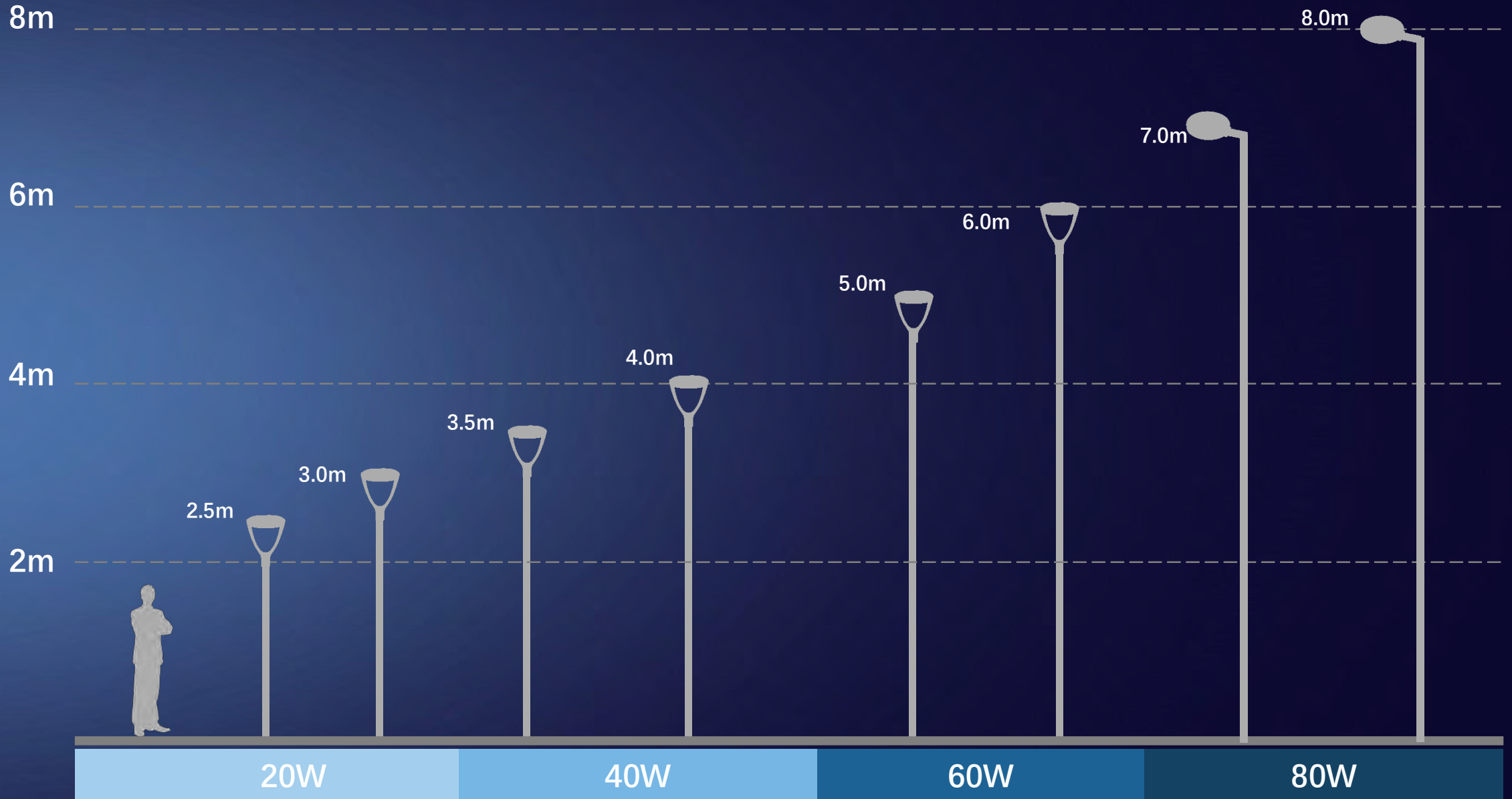
Campus



Industrial area

# Product power selection

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# Variable installation mode

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Post Top



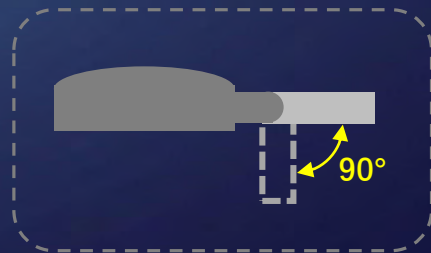
Light arm



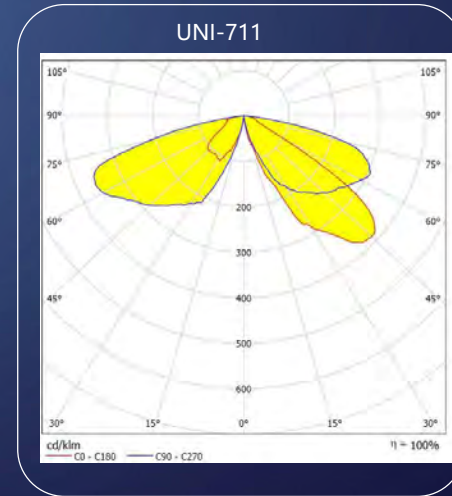
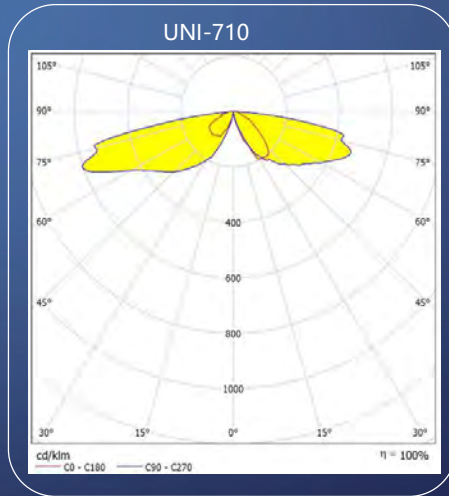
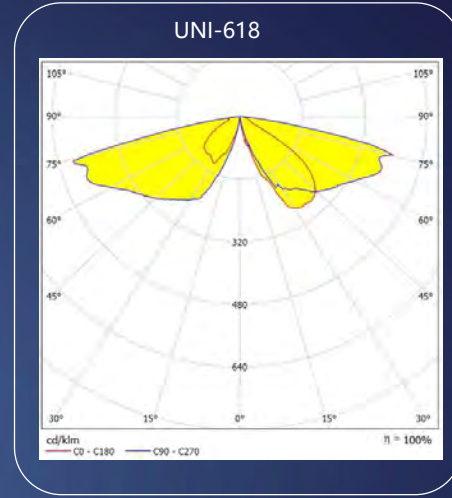
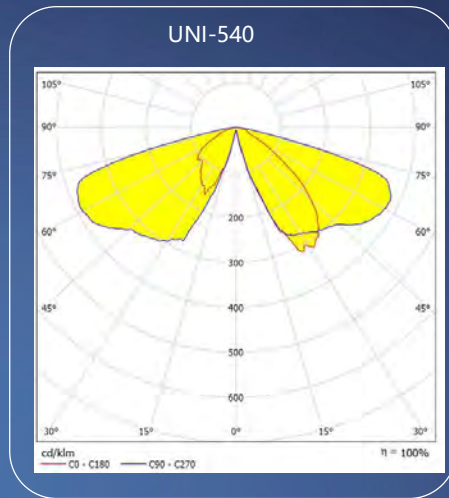
Light arm02



Suspension wires

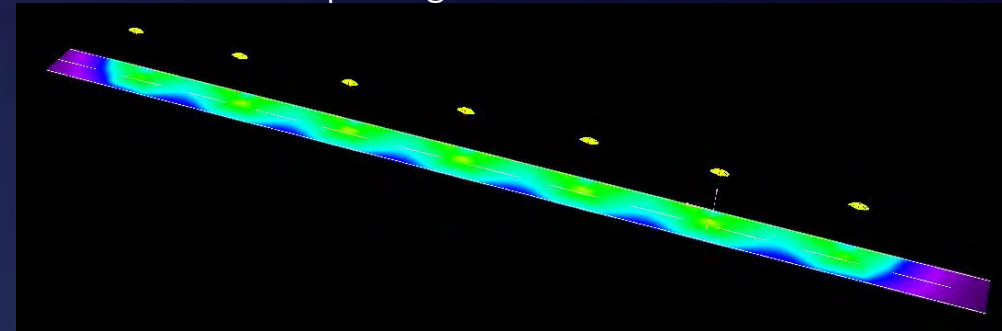


# Good lighting performance

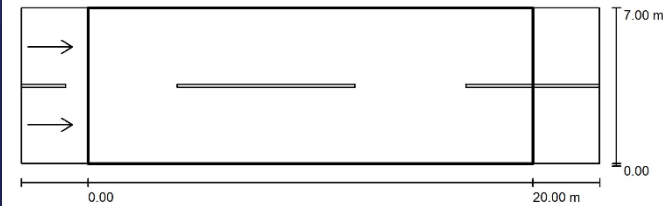


## Various light distribution solutions

Meet lighting requirements under different road widths and installation spacings



Street 1 / Valuation Field Roadway 1 / Results overview



Maintenance factor: 0.67

Scale 1:186

Grid: 10 x 6 Points  
 Accompanying Street Elements: Roadway 1.  
 tarmac: R3, q0: 0.070  
 Selected Lighting Class: ME4a

(All lighting performance requirements are met.)

Calculated values:	$L_{av}$ [cd/m <sup>2</sup> ]	U0	UI	TI [%]	SR
	0.93	0.43	0.86	12	0.78
Required values according to class:	≥ 0.75	≥ 0.40	≥ 0.60	≤ 15	≥ 0.50
Fulfilled/Not fulfilled:	✓	✓	✓	✓	✓

Assigned Observer (2 Pieces):

No.	Observer	Position [m]	$L_{av}$ [cd/m <sup>2</sup> ]	U0	UI	TI [%]
1	Observer 1	(-60.000, 1.750, 1.500)	0.93	0.44	0.94	12
2	Observer 2	(-60.000, 5.250, 1.500)	1.03	0.43	0.86	7



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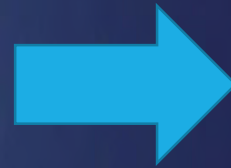
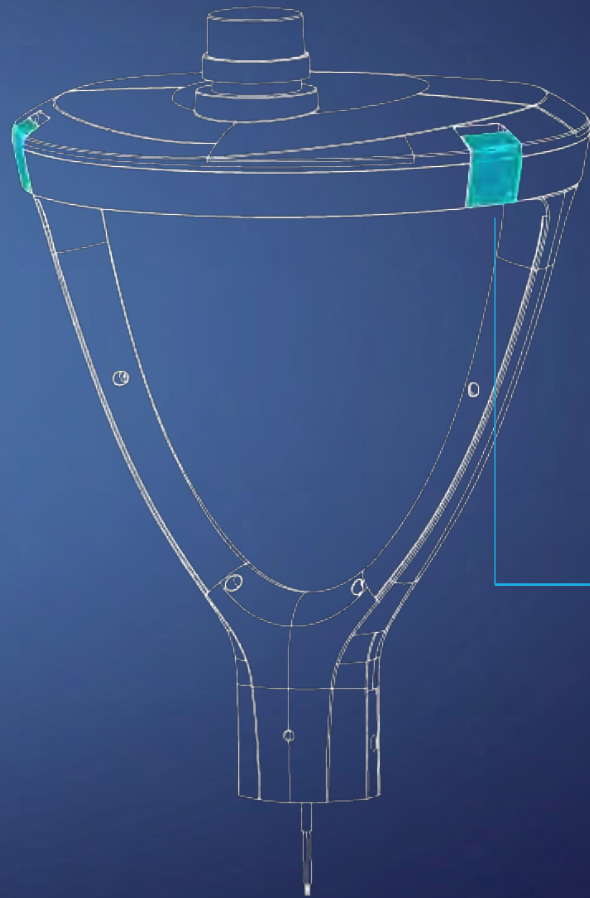


**1 Product Introduction**

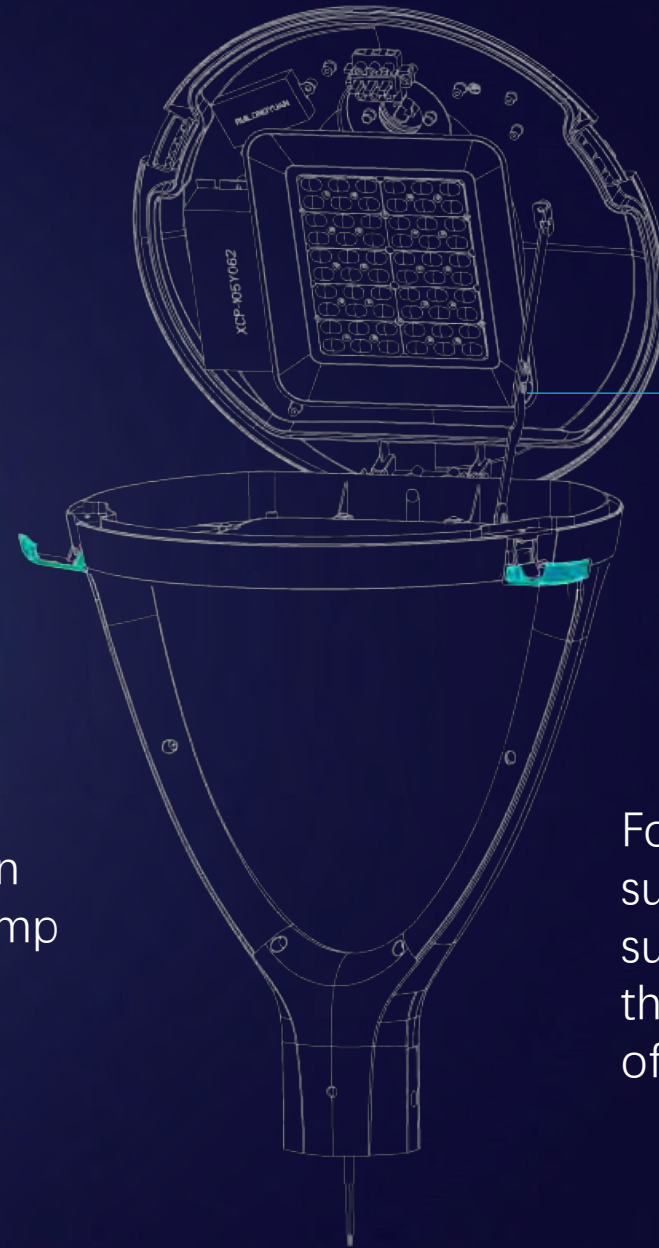
**2 Major Selling Points**

# Tool free open

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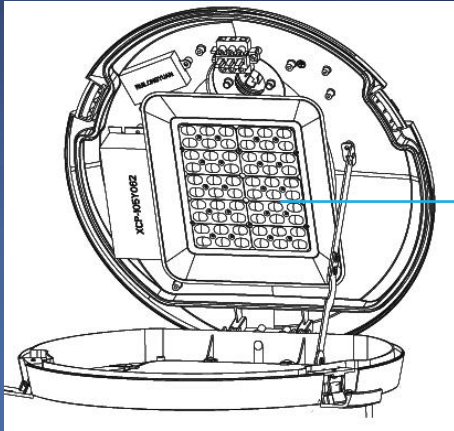
Buckle design allows the lamp cavity to be opened without tools



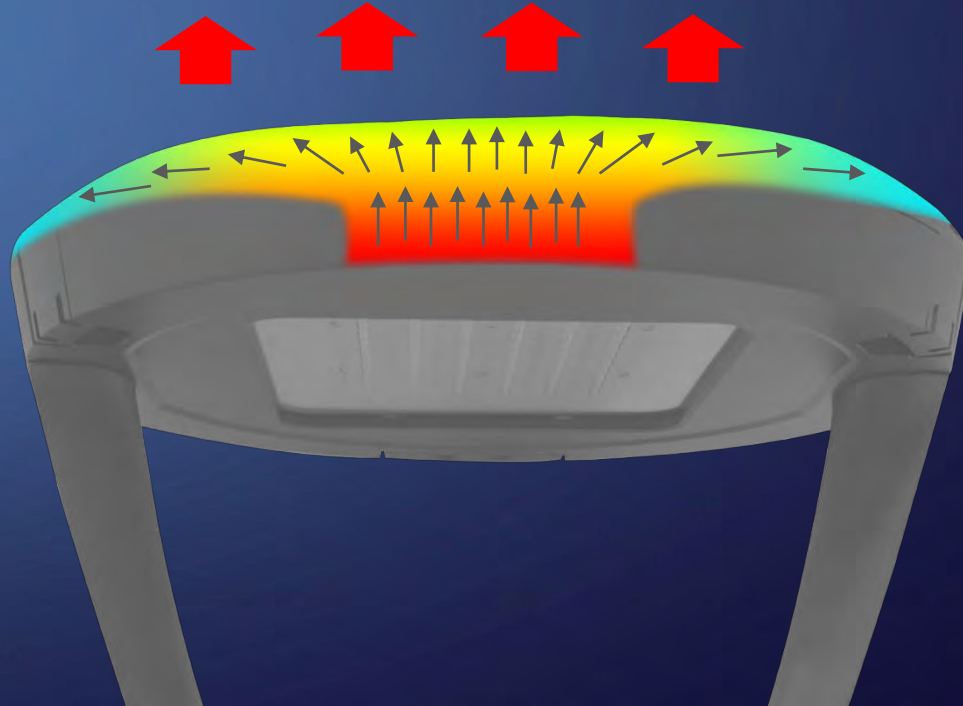
Foldable support rod to support and fix the upper cover of the lamp

# High heat dissipation efficiency

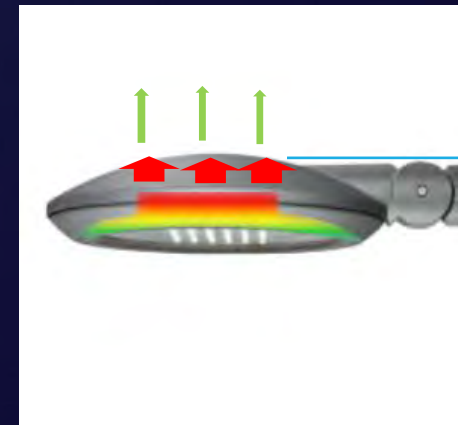
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The integrated heat conduction structure of the upper cover increases the heat dissipation efficiency.



The heat sink is placed inside the lamp cavity



Heat conduction will be blocked by the lamp shell, reducing heat dissipation efficiency.

# Support installation NEMA/ZHAGA

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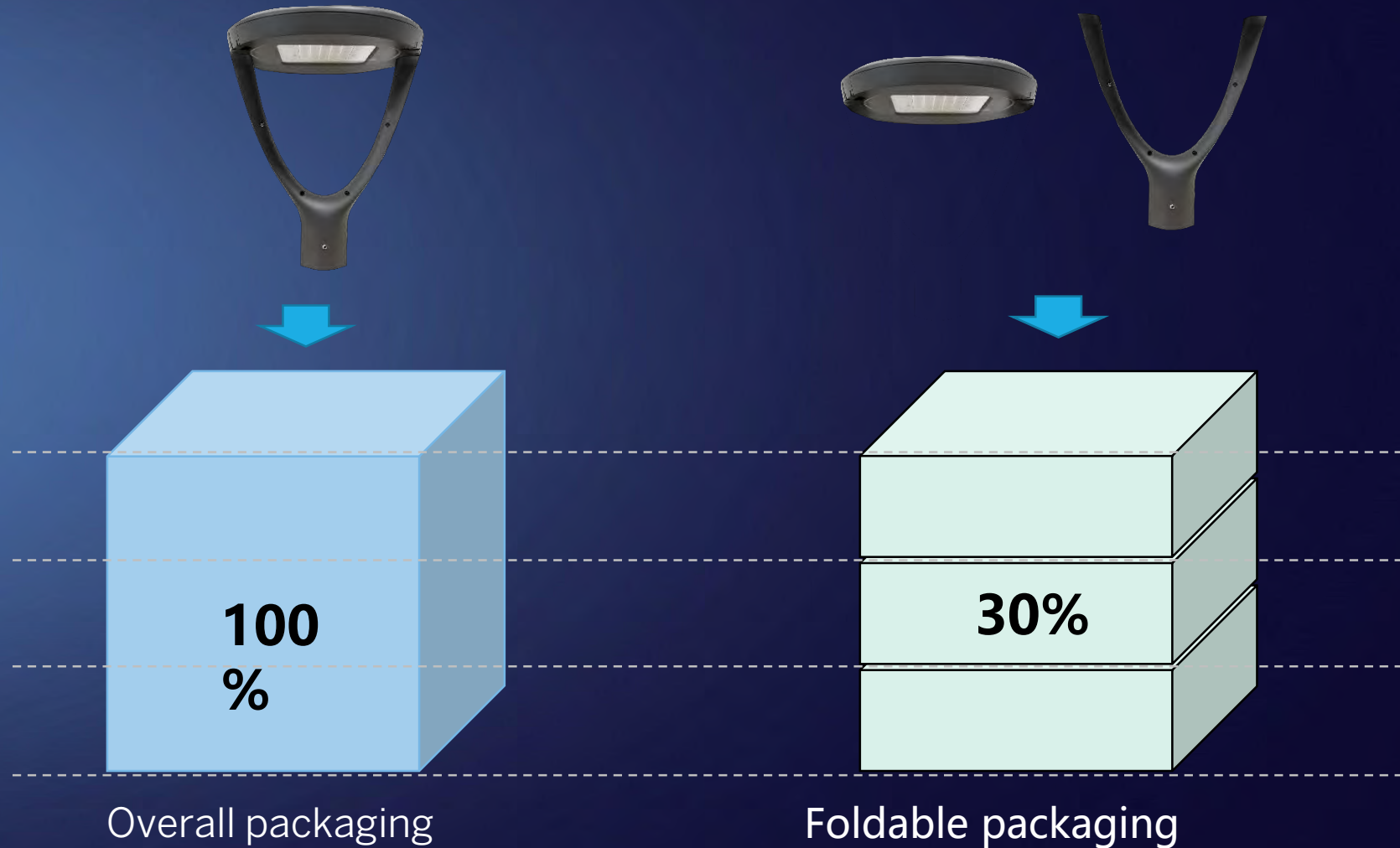
NEMA ANSI C136.41

 Zhaga



# Foldable packaging

Folding packaging of the lamp body and arms can save 70% of transportation space



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Mindfulness With Altruism , Progress With Innovation

