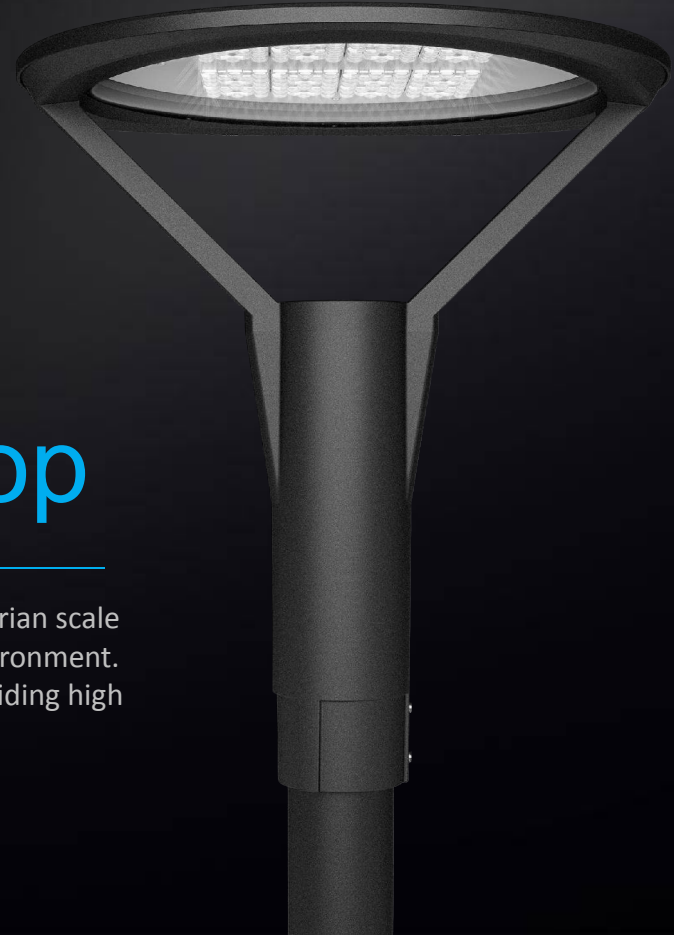




OLIGA LED Post Top

OLIGA LED Post top brings architectural style to area and site and pedestrian scale applications, the design brings a desired organic look into the urban environment. professional optic provide an excellent effect, managing glare while providing high levels of visibility.



NORMAL LED POST TOP ON THE MARKET

Post top lights are the crowning feature of any outdoor landscape or streetscape. When added to a park or walkway, post top lights illuminate landscape elements as well as improve safety by providing a uniform ambient light that increase visibility for pedestrians.

Classical outdoor areae lighting which can be found everywhere, most of the old fixtures style are similar to that.



Latern shape outdoor post top lights which is common seen in some private gardens



Morden design LED Post top which is more popular in europe countries.



Circular area light which is industrial style, the fins helps the heat dissipation but makes its not easy to clean.

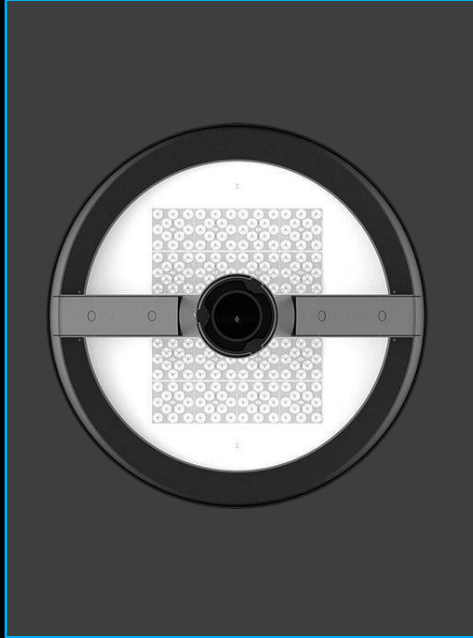


- Contemporary, Architectural design.
- Smooth housing without any screws exposed.
- Lumen Packages ranging from 4800 - 12000lm
- 100-277V 50/60Hz, 277-480V Available
- Professional LED Optical technology
- IK08, IP66 Rated, 3G Rated.
- $\phi 60\text{mm}$ & $\phi 76\text{mm}$ mount available

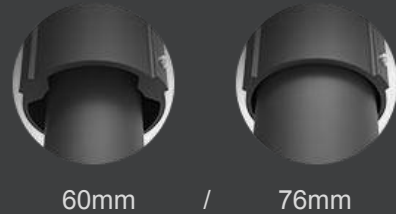


PRODUCT SPECIFICATION

Model No	OST	OST	OST	OST
Power Consumption	40W	60W	75W	100W
Luminou Flux ($\pm 5\%$)	4800lm	7200lm	9000lm	12000lm
Efficacy	120LM/W			
Beam angle	Type III(R01203) / Type IV (R0124 / Type V (R01201)			
CCT / CRI	5000K (3000K, 4000K Optional) / Ra70 (Ra80) Optional			
Input Voltage/Frequency	100-240VAC/ 100-277VAC /277-480V 50/60HZ			
IP Rating	IP66			
Surge Protection	Line to Line 6KV, Line to Earth 10KV			
Mounting Option	Post top $\phi 60\text{mm}$ / $\phi 76\text{mm}$			
Operating Temperature	$-30^{\circ}\text{C} \sim +55^{\circ}\text{C}$			
Product Dimension	450x450x526mm			



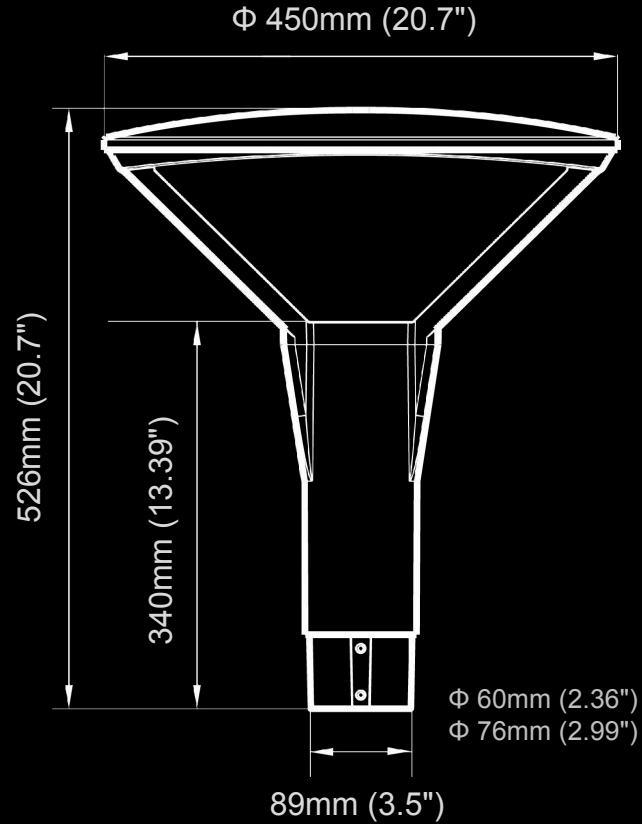
ELEGANT APPEARANCE



Available for 60/76mm
pole diameter



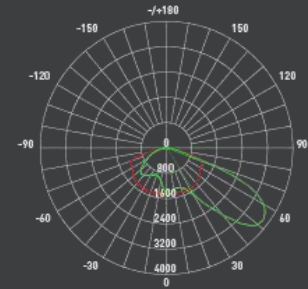
PRODUCT DIMENSION



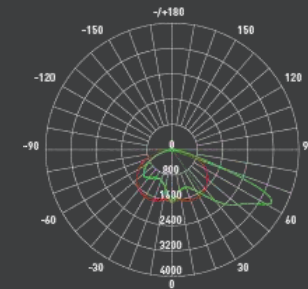


Asymmetric Optic Lens

R01203 and R01204 will be suitable for the streetscapes, gardens with pathway etc.



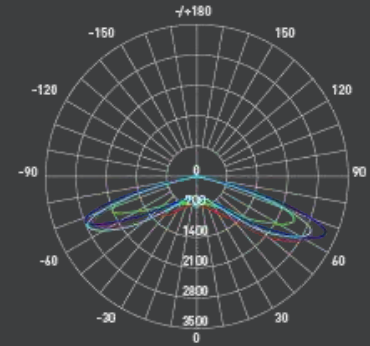
R01203 Type III



R01204 Type IV

Symetrical Optic Lens

R01201 will be suitable for the open area such as parking lot, Campuses, garden, gathering areas.



R01201 Type V

IP66 RATED

We have passed strict IPX6
Waterproof test per the
IEC/EN 60598-1,
Clause 9.2 standard.



10KV Surge protection upgrade

10KV Surge protection upgrade

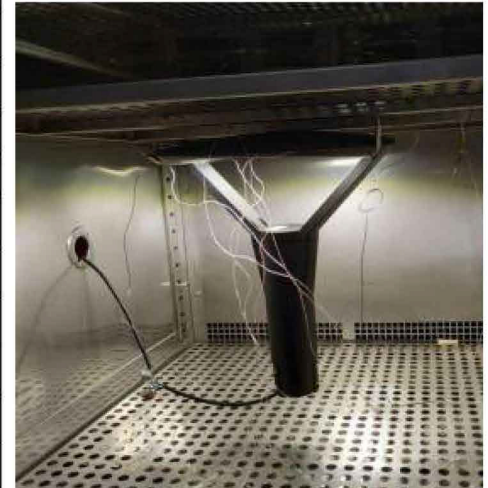


Thermal Management Test

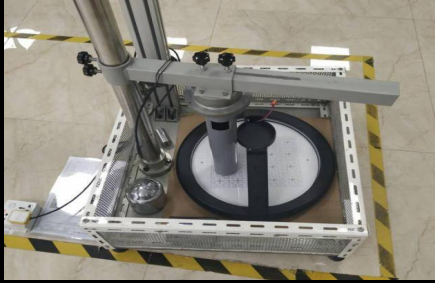
The MAX 100W Oliga tested under Ta50°C, the tested Max Driver Tc point is at 85°C

Temperature (°C) of part	Temperature test				
	Normal				
	test 5 (°C)	Test 5 rise(k)	test 6 (°C)	Test 6 rise(k)	limits
1.LED-	54.09	26.744	74.645	25.073	Ref.
2.LED-	57.426	30.08	78.044	28.472	Ref.
3.LED-	56.352	29.006	76.548	26.976	Ref.
4.PCB	56.548	29.202	77.122	27.55	Ref.
5.LED Driver Tc	65.17	37.824	85.289	35.717	90
6.LED Driver	63.256	35.91	83.846	34.274	Ref.
7.LED Driver	64.524	37.178	84.036	34.464	Ref.
8.Metal enclosure outside	56.493	29.147	75.101	25.529	Ref.
9.Metal enclosure outside	50.034	22.688	70.528	20.956	Ref.
10.Ambient	27.346	--	49.572	--	--

Tc@ 85.289°C when
test under Ta50°C



OTHER TESTING



IK08 Test



Thermal Management test



3G Vibration test



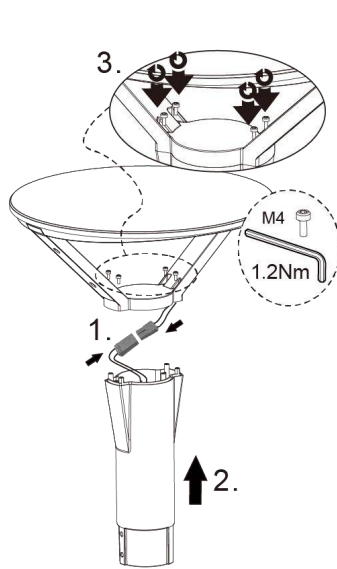
500H Salty Spray Test



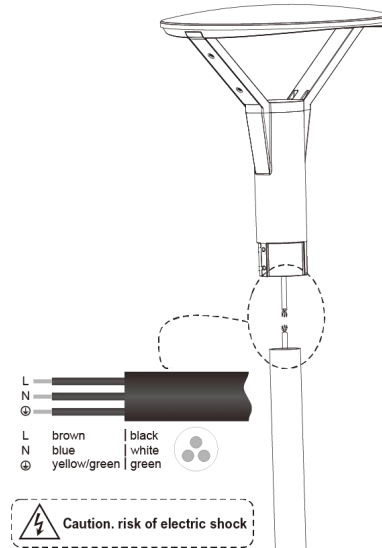
Low temperature test



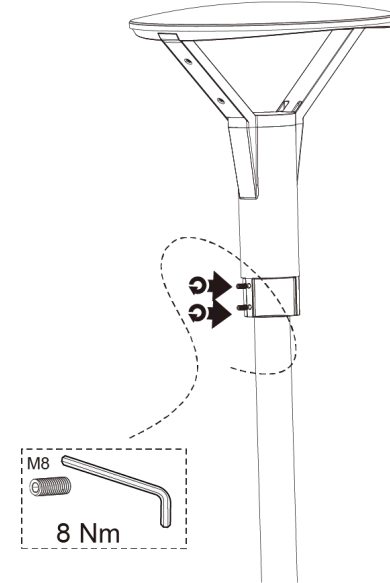
Surge Protection test



1. Connet the Driver DC Cable to the PCB by connector
2. Positioning the two parts together
3. fasten the 4 screws to fix the two parts



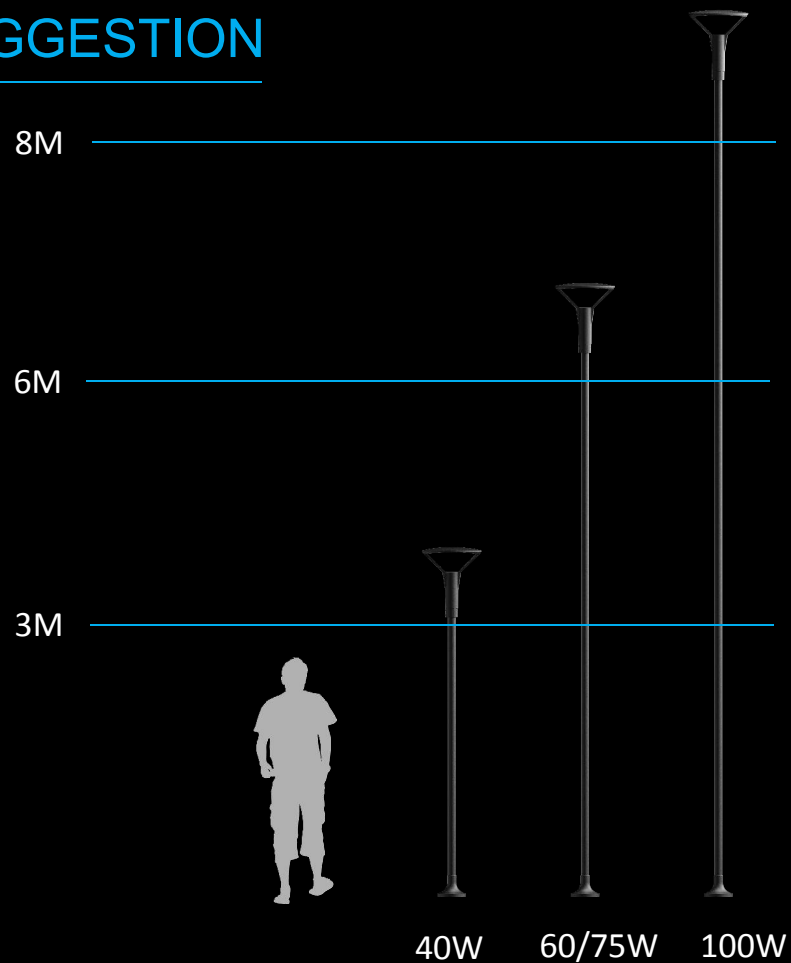
Connect the AC Cable to electric supply



Fix the 2 screws to fasten the fixture to pole

INSTALLATION HEIGHT SUGGESTION

OLIGA post top always
suggested for 3-8M height



The Oliga Post top is great for both security and decorative for commercial applications.



Residential Area



Private Garden



Park



Public square



Walkway



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THANK YOU