

Owl^X

50W



Features

- Black
- Simple, Ultra-slim
- Delicate design
- Easy installation
- Patent clips structure, assures firm lens connection, (no screws) (keeps lens firmly in place)
- Innovative polymer materials
- Corrosion resistance and wear resistance
- Heat and light resistance
- Light weight
- Imported high level PC material, light transmittance $\geq 93\%$, anti UV
- Protection class IP66, mechanical impact rating IK08

Applications

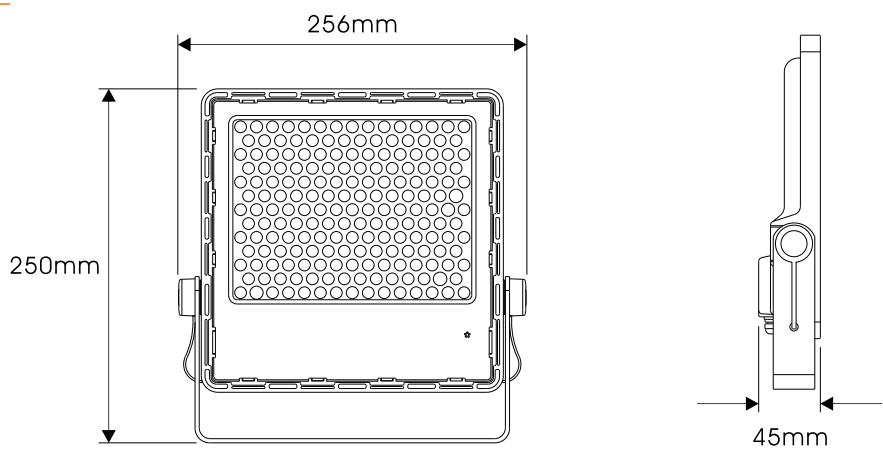
- Security light
- Shopping mall
- Exhibition center
- Parkings
- Stadiums
- Gymnasiums
- Billboards
- Stairways
- Sculptures
- Public corridors
- Landscaping works
- Parks



Owl^X

50W

Product Dimension



Product data

Optical parameters

LED chips	2835 /180PCS
Beam Angle	90°
Nominal luminous flux	5000lm±5%
Nominal luminous efficiency	100lm/W±5%
Color Temperature	5,000K
Color rendering index	Ra>80
Warranty	2years

Electrical parameters

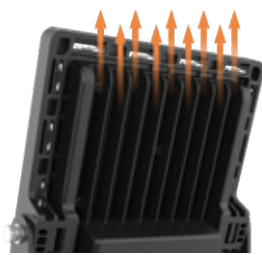
Input Voltage	120-277V
Frequency Range	50-60Hz
Rated Power	50W
Power Factor	>0.9
Operating time	<0.5S
SPD	2.5KV

Structural parameters

Materials and technology	High polymer thermal conductivity material
Box Dimension	276*256*50mm(L*W*H)
Quantity/box	1
Net weight/carton	940g
Gross weight/carton	1078g
Item Code	

comprehensive parameters

Working Humidity Temperature	-25°C~45°C、 20%~95%RH
Storage humidity temperature	-40°C~80°C、 10%~95%RH
Certification	UL
Environmental directive	ROHS
IP rating	IP66
IK rating	IK08



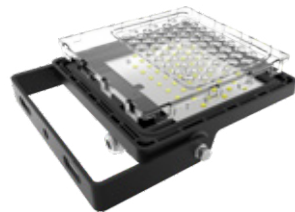
Integrated ultra slim design

- Optimized heat dissipation
- Efficiency
- Increasing the LED temperature effectiveness



Ingress protection (IP66) grade

- Anti-dust
- Water-proof



PC material

- Imported (high level)
- Anti-dust
- Water-proof
- Light transmittance ≥93%
- Anti UV



• Bracket adjustability 200°



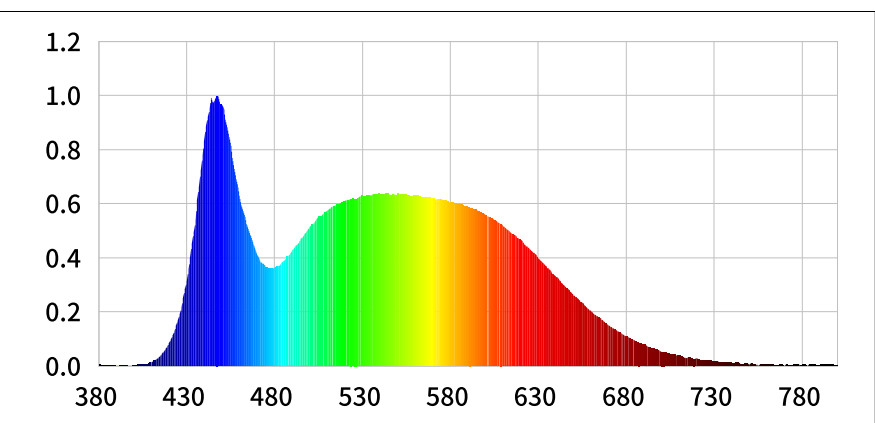
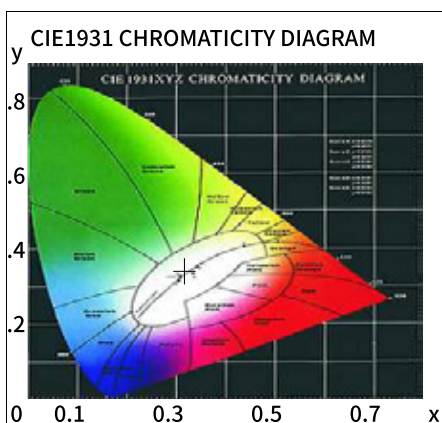
Owl^X

50W

Luminous flux testing diagram

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3181$ $y=0.3428$ $u(u')=0.1965$ $v=0.3175$ $v'=0.4763$
 CCT: $T_c=6150K$ ($duv=0.00750$) Color Ratio: $R=0.136$ $G=0.808$ $B=0.055$
 Peak Wavelength: 447nm Half Bandwidth: 31.3nm
 Dominant Wavelength: 499.9nm Color Purity: 0.047
 CRI: R_i : $R_a=85.7$
 R1 =85 R2 =85 R3 =85 R4 =92 R5 =86 R6 =81 R7 =92 R8 =80
 R9 =26 R10=64 R11=92 R12=61 R13=84 R14=92 R15=81



Photometric Parameters

Luminous Flux: 5569.9 lm Efficiency: 105.89 lm/W Radiant Power: 17.763 W

Electric Parameters

Voltage: 120-277V Current: 0.2400A Power: 52.60W
 Power Factor: 0.9900 Frequency: 50.00Hz

Test Information

Scan Range: 380nm~800nm:1nm Photometric Method:
 Stabilization Time: 0 Sec Photometric Condition: Sphere diameter: 1.75m, 4°
 Max of Signal: 44394 (3188) CCD Integration Time: 224.54 ms



Owl^X

50W

