

# Owl<sup>X</sup>

150W



## 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

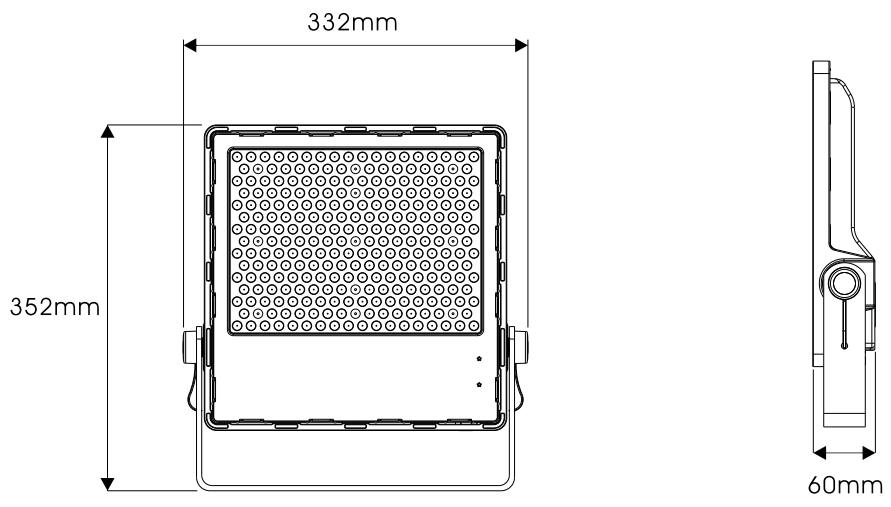
- Security light
- Shopping mall
- Exhibition center
- Parkings
- Stadiums
- Gymnasiums
- Billboards
- Stairways
- Sculptures
- Public corridors
- Landscaping works
- Parks



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## Product Dimension



## Product data

### Optical parameters

LED chips	2835 /252PCS
Beam Angle	90°
Nominal luminous flux	17250lm±5%
Nominal luminous efficiency	115lm/W±5%
Color Temperature	5,000K
Color rendering index	Ra>80
Warranty	2years

### Structural parameters

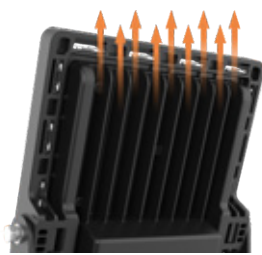
Materials and technology	Aluminium alloy
Box Dimension	395*165*420mm(L*W*H)
Quantity/box	1
Net weight/carton	4095g
Gross weight/carton	
Item Code	

### Electrical parameters

Input Voltage	120-277V
Frequency Range	50-60Hz
Rated Power	150W
Power Factor	>0.9
Operating time	<0.5S
SPD	2.5KV

### comprehensive parameters

Working Humidity Temperature	-25°C~45°C、 20%~95%RH
Storage humidity temperature	UL
Certification	BIS
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°



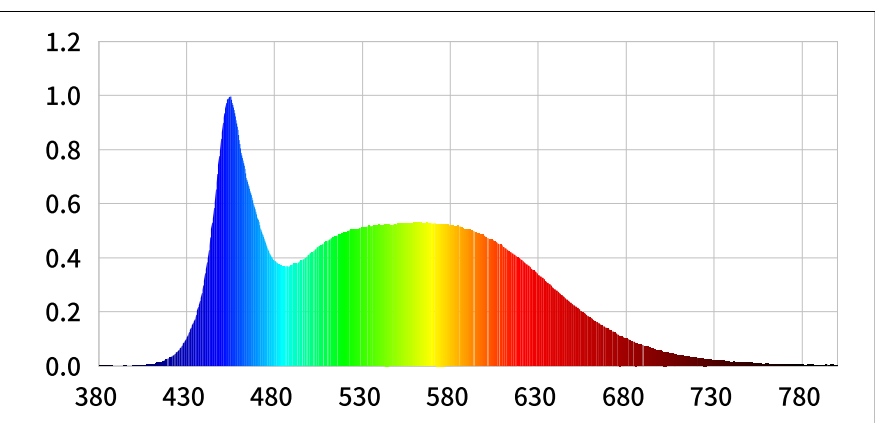
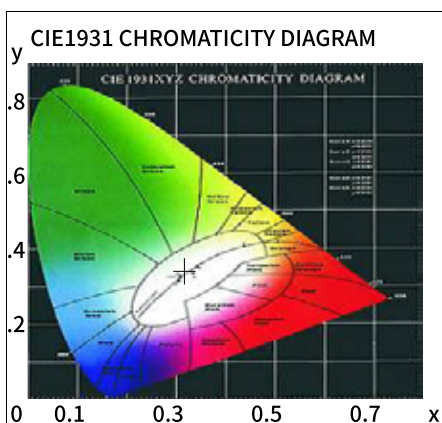
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Luminous flux testing diagram

**CIE Colorimetric Parameters**

Chromaticity coordinates:  $x=0.3179$   $y=0.3428$   $u(u')=0.1963$   $v=0.3175$   $v'=0.4763$   
 CCT:  $T_c=6160K$  ( $duv=0.00758$ )      Color Ratio:  $R=0.138$   $G=0.799$   $B=0.063$   
 Peak Wavelength: 455nm      Half Bandwidth: 28.8nm  
 Dominant Wavelength: 499.8nm      Color Purity: 0.047  
 CRI:  $R_i$ :  $R_a=87.1$   
 R1 =86      R2 =91      R3 =92      R4 =86      R5 =84      R6 =85      R7 =93      R8 =79  
 R9 =31      R10=75      R11=87      R12=54      R13=88      R14=96      R15=83



**Photometric Parameters**

Luminous Flux: 16105.6 lm      Efficiency: 105.40 lm/W      Radiant Power: 51.790 W

**Electric Parameters**

Voltage: 120-277V      Current: 0.7150A      Power: 152.80W  
 Power Factor: 0.9690      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: 42975 (3280)      CCD Integration Time: 63.95 ms



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