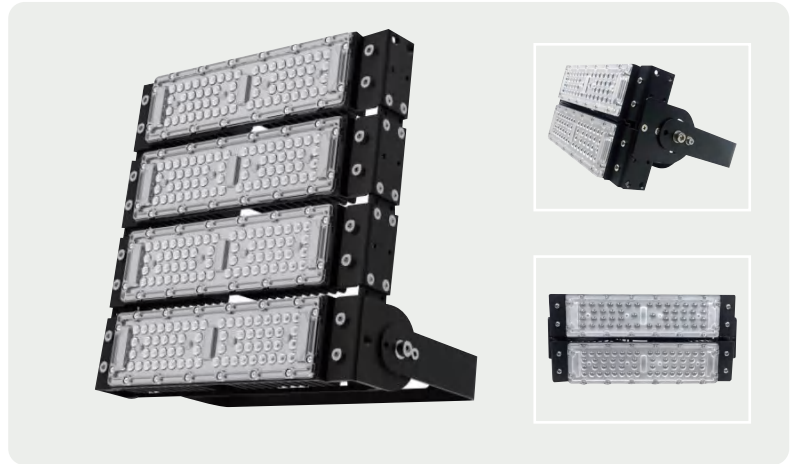


INDUSTRIAL / OUTDOOR

LED Flood Light

WHY-FL50 Series

A modular LED floodlight covering 50W to 300W, delivering 140 LM/W efficacy from a die-cast aluminium housing with IP65 + IK08 protection. Its stacked module architecture optimises both heat dissipation and serviceability, while a rotatable bracket, narrow-to-wide lens options, and optional Meanwell/Sosen dimming drivers make it adaptable to a broad range of industrial and infrastructure lighting applications.



KEY FEATURES



Die-Cast Aluminium with Rotatable Bracket

Robust aluminium housing with a rotatable mounting bracket enables flexible angle adjustment for precise beam placement across varied installation scenarios.



Modular Architecture

Stacked modular construction balances thermal performance and ease of maintenance, supporting straightforward servicing without full fixture replacement.



Branded Dimming Driver

Optional Meanwell or Sosen drivers with 0-10V dimming provide stable, flicker-free operation and flexible energy control for industrial environments



Multi-scenario adaptation

Suitable for various large-space lighting scenarios such as workshops, tunnels, factories, warehouses, sports venues, toll stations, etc.



Wide Operating Temperature

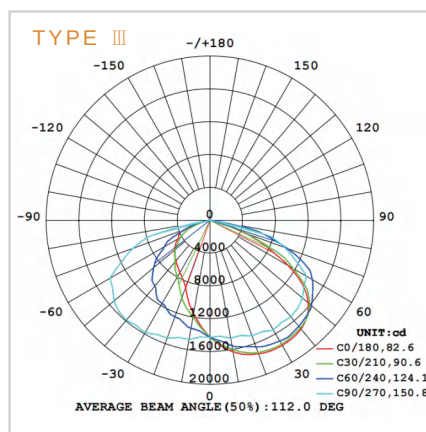
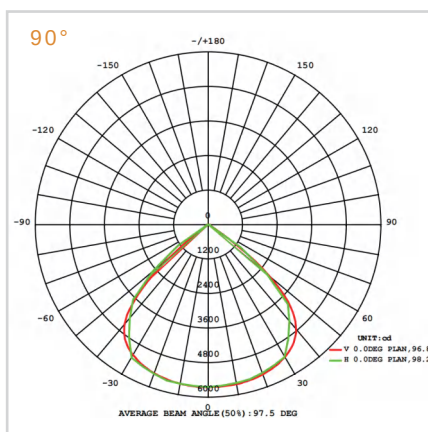
Stable operation from -30°C to +45°C, suited to both extreme-cold and high-temperature industrial conditions.



140LM/W Efficacy

Achieves 140LM/W luminous efficacy across all power configurations, delivering significant long-term energy savings.

BEAM DISTRIBUTION



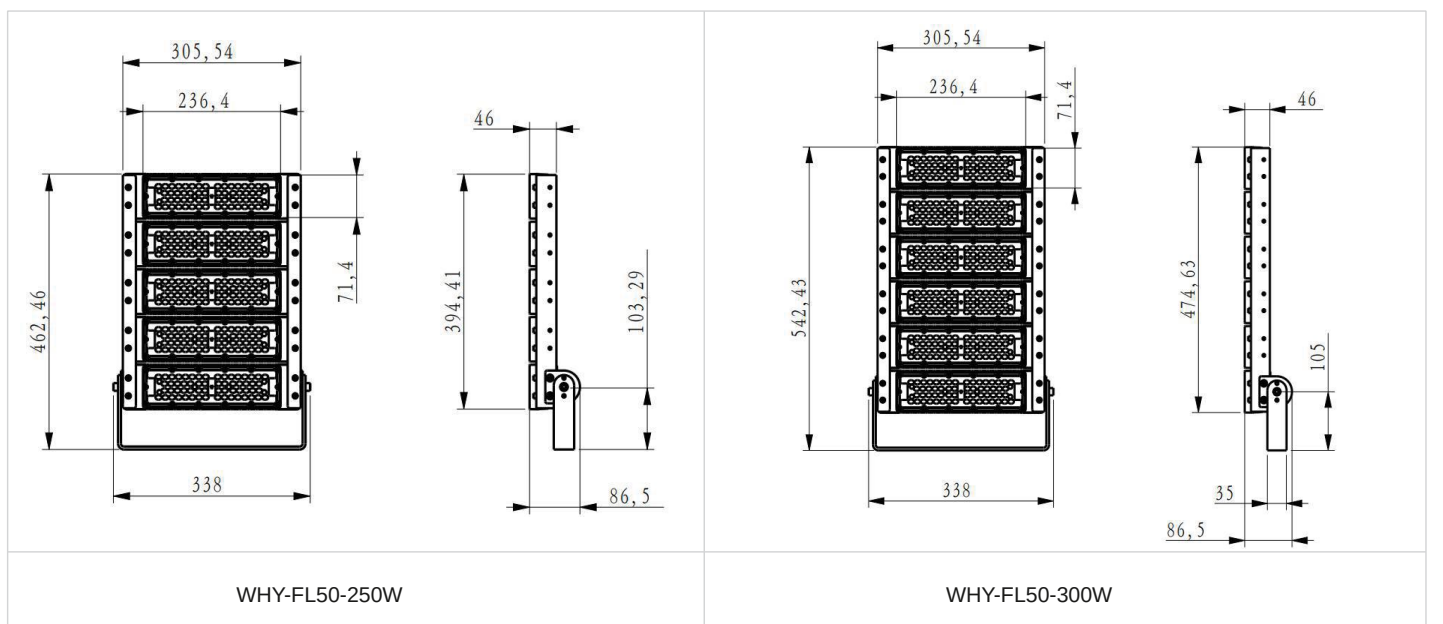
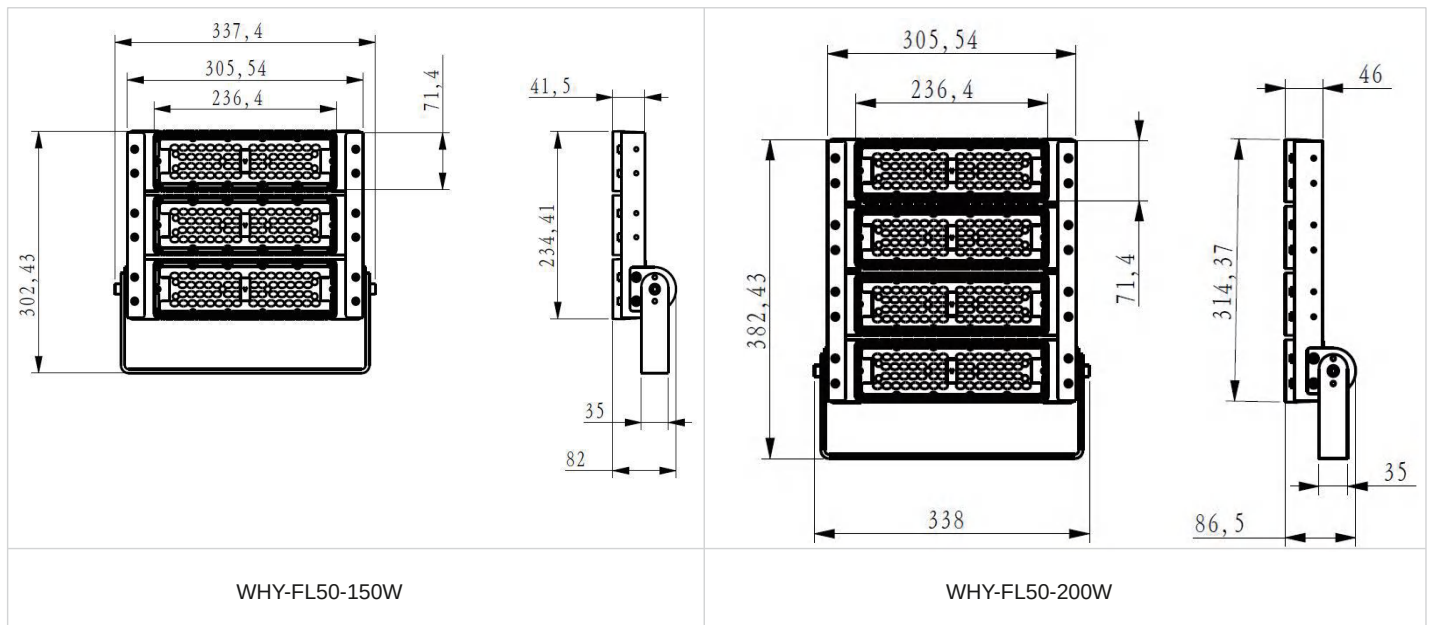
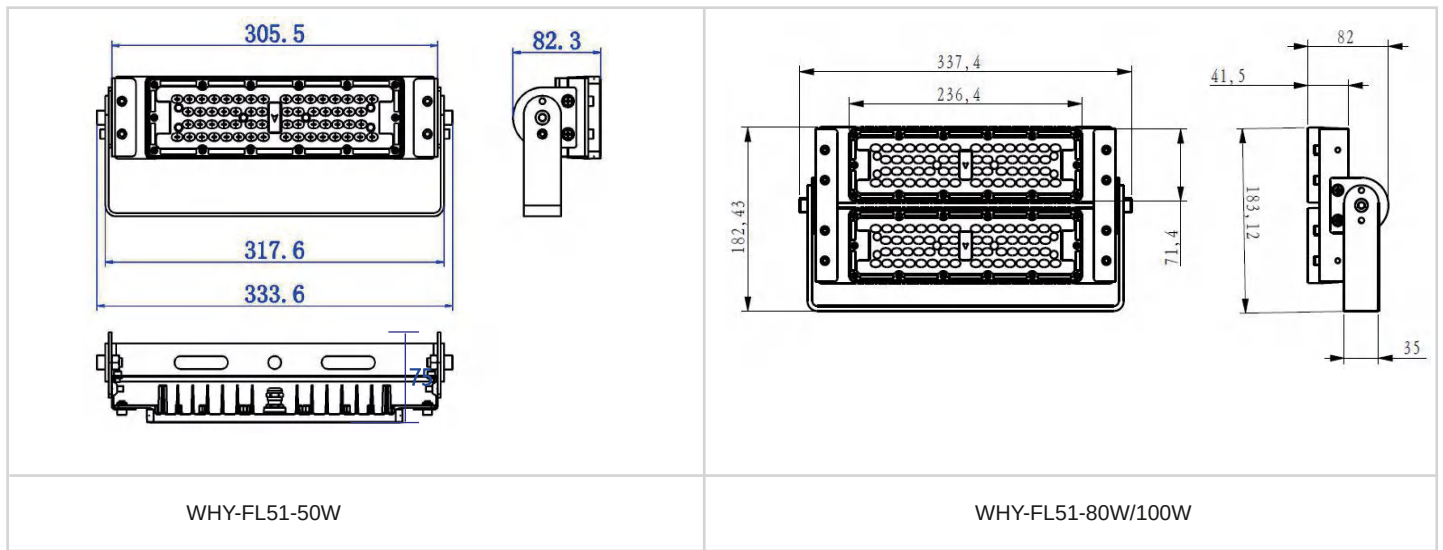
MODEL VARIANTS

Mode	Wattage	Luminous Efficacy	Size
WHY-FL50-50W	50W	140lm/W	334*75*82mm
WHY-FL50-80W	80W	140lm/W	337*182*82mm
WHY-FL50-100W	100W	140lm/W	337*182*82mm
WHY-FL50-150W	150W	140lm/W	337*302*82mm
WHY-FL50-200W	200W	140lm/W	338*382*87mm
WHY-FL50-250W	250W	140lm/W	338*462*87mm
WHY-FL50-300W	300W	140lm/W	338*542*87mm

TECHNICAL SPECIFICATIONS

CCT	3000-6500K
CRI	70
Input Voltage	100-277 VAC
Housing Color	Black
Housing Material	Aluminum
Lens	15°/20°/25°/45°/60° optional
Operating Temperature	-30 C ~ 45 C
IP Level	IP65
Lifespan	60,000 hours
Warranty	5years
Dimmable	Optional(Meanwell/Sosen)

DIMENSION (MM)



APPLICATION PLACES

Workshop

Tunnel

Sports

Factory

Storage warehouse

Stadium

toll station