

FL5 DIMMABLE LED FLOODLIGHT SERIES

FL5 is a new-generation dimmable LED Floodlight featuring an integrated mains-voltage LED module. Delivering high lumen output with exceptional energy efficiency, the FL5 provides powerful, uniform illumination across a wide range of applications. Constructed from durable, high-performance materials, it is ideal for industrial, commercial, and residential environments requiring reliable, long-lasting outdoor lighting.

ELECTRICAL PARAMETERS

Input Voltage:	200-240VAC
Power Consumption:	30W-400W Refer to Table
LED Driver Classification:	Integral LED Driver
Light Source Classification:	Osram 3030T

MECHANICAL SPECIFICATIONS

Minimum IK Rating:	IK09
IP Protection Rating:	IP65
Nominal Dimensions:	Refer to Table
Construction Material:	Aluminium
Standard Finish:	Corrosion Resistant
Recommended Ambient Temp:	-30°C - 45°C



CONFIGURATION OPTIONS

- Can be specified with narrow or wide optic
- Power options up to 400W available by request
- Non standard colours available by special request
- DALI version available by special request

PHOTOMETRIC INFORMATION

Typical Lumen Efficacy:	150lm/W
CCT Colour Temperature:	3000K / 4000K / 5000K / 6500K
Colour Rendering (Ra):	>80Ra
Beam Angle/Viewing Angle:	120° (Other Optic by request)

DIMMING AND CONTROL



CASAMBI

FL5 series is a unique phase dimmable LED Floodlight compatible with most universal style phase dimmers. Optional control protocols can be specified by request include DALI, Casambi, Wireless, 1-10V, analogue dimming. RGB and RGBW LED available by special request.



COMPLIANCE & CERTIFICATION

IESNA2002
AS/NZS60598, LM79, LM80
Lifespan: Exceeds 50,000hrs @ L70



ORDERING INFORMATION

Model Number:	FL5 Series
Specify LED CCT:	3000K / 4000K / 5000K / 6500K
Specify Wattage:	30W-400W
Mounting Accessory:	Adjustable Bracket
Input Voltage Option:	85-265VAC / 24VDC
Dimming Option:	Phase Dimmable / DALI / Casambi

All product details are subject to change without notice. Final specifications may vary.



toll-free: 1300 295 367



email: mail@industrialight.com.au

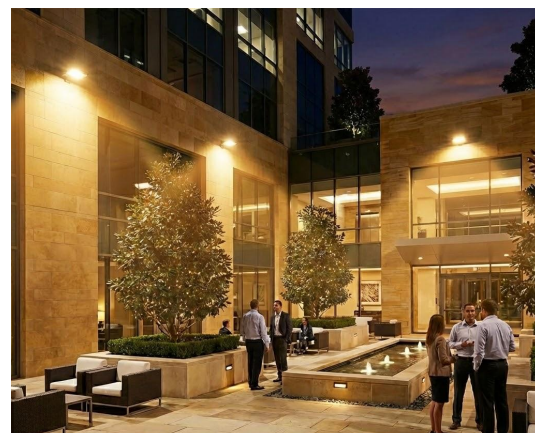
sales reps:



mobile: 0488 839 917

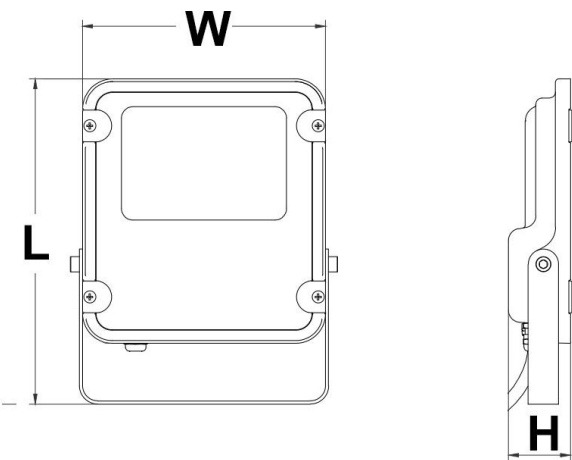


mobile: 0488 844 503

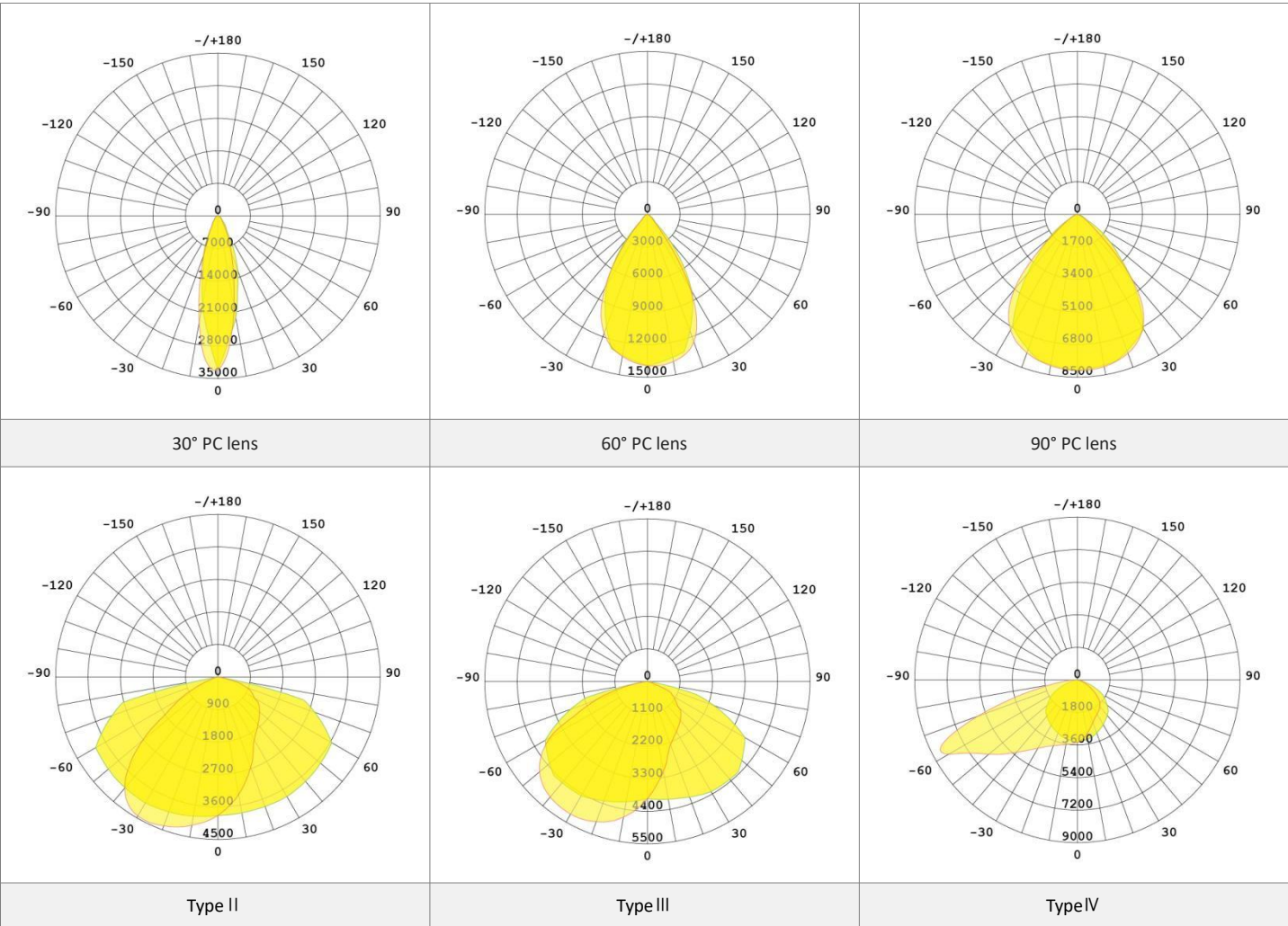




Typical Dimensions (unit: mm)

	FL5 Model	L(mm)	W(mm)	H(mm)
	30W	214	183	41
	50W	317.1	242	53.8
	60W			
	80W	432.1	357.3	60.7
	100W			
	120W			
	150W			
	200W	482.4	407.8	60.8
	240W	562.3	488.3	61.0
	300W			
	400W	610.9	537.0	60.8

Photometry Examples



FL5 LED FLOODLIGHT



Key Features

Available with 6 interchangeable optical lens options, including asymmetric, narrow beam, and flood beam distributions for precise lighting control.

Super-slim, modern luminaire design with a distinctive low-profile appearance. Adjustable mounting bracket with accurate angle positioning for flexible installation and aiming.

High-efficacy LED performance delivering up to >160lm/w. Optional Timing-DIM, phase dimming, and sensor control functions available.

Applications

Suitable for outdoor architectural lighting, industrial facilities, factories, warehouses, gymnasiums, gardens, ports, and other large-scale exterior or commercial lighting applications.

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