

900 SERIES

LED FLOODLIGHT

250W



BrightmanTM
design efficiency



TECHNICAL DATA

900 SERIES 250W LED FLOODLIGHT

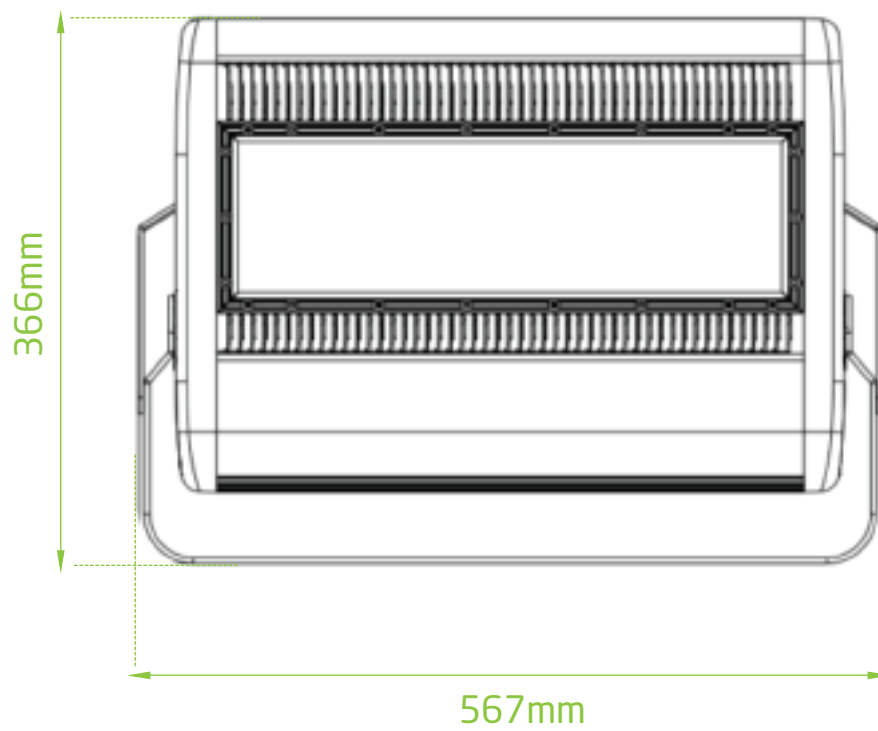
Input Voltage	90-305 VAC, 50/60 Hz or DC
LED Chips	Philips Lumileds (Luxeon TX)
Driver	Mean Well
LED QTY	120pcs
LED Power	250W
Led Luminous Efficiency	140lm/W
Luminous Flux	35,000lm
Illuminance Uniformity	>0.8
Colour Temperature	3000-7000 K
Colour Rendering Index	Ra≥75
Beam Angle	60°x135°, 85°x45°, 85°x90°, 85°x135°
Illuminance Design	LED+lens
Working Temperature	-40 to +45 °C
Working Humidity	15%~ 90% RH
IP Rating	IP65
Net weight	9.8Kg
Life-span	>60,000hrs
Power Cable	1.0mm ² Triple shield wire
Connection Wire	Brown=Live, Blue=Neutral, Yellow=Earth
Housing Material	Diecast Aluminium
Housing Colour	Black, Gray, White or custom
Available Options	<ul style="list-style-type: none">• DALI Dimmer, Microwave or PIR Sensor• SUS316 Stainless steel and Dacromet™ coating for marine application

The light parameters may differ between different color temperature, tolerances ≤ 5%.



DIMENSIONS

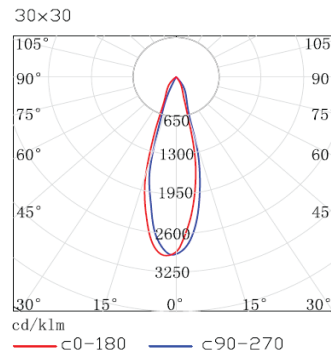
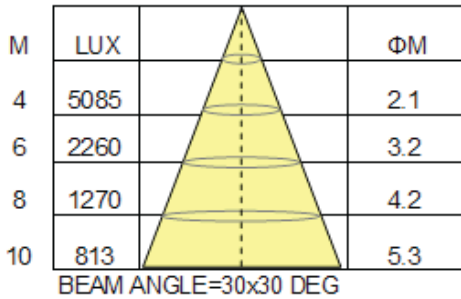
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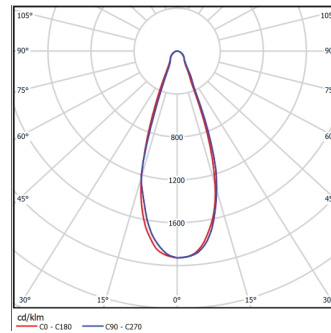
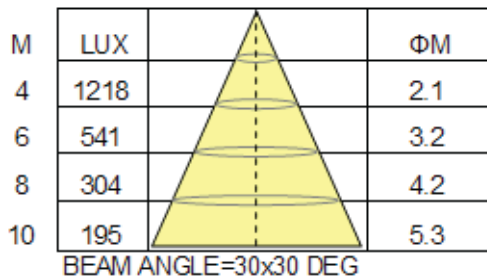
PHOTOMETRIC DISTRIBUTION

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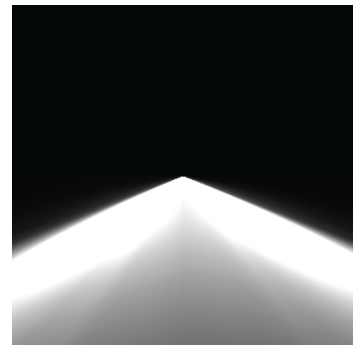
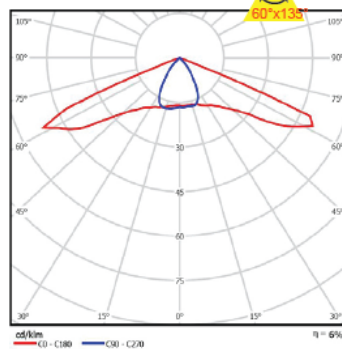
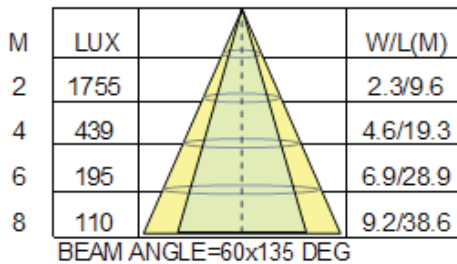
Beam Angle: 30° x 30°



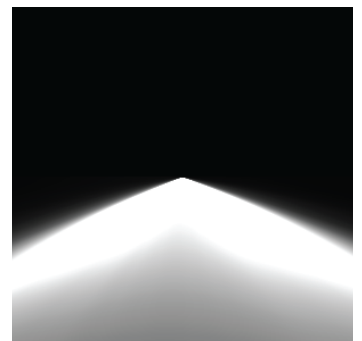
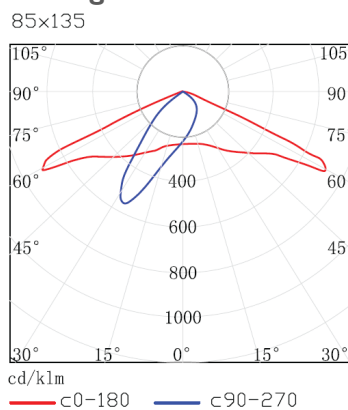
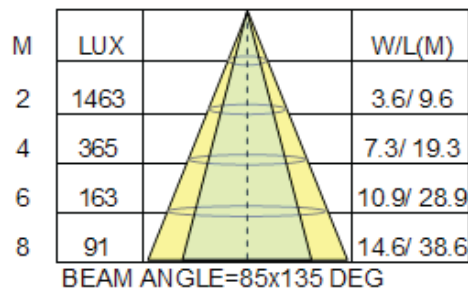
Beam Angle: 40° x 40°



Beam Angle: 60° x 135°



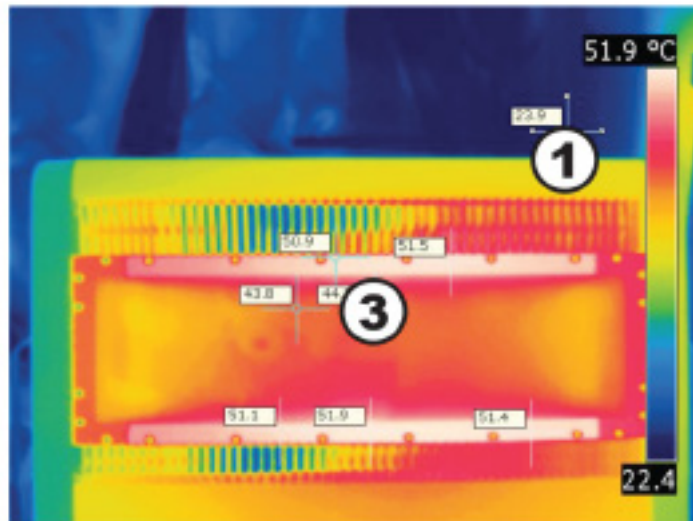
Beam Angle: 85° x 135°



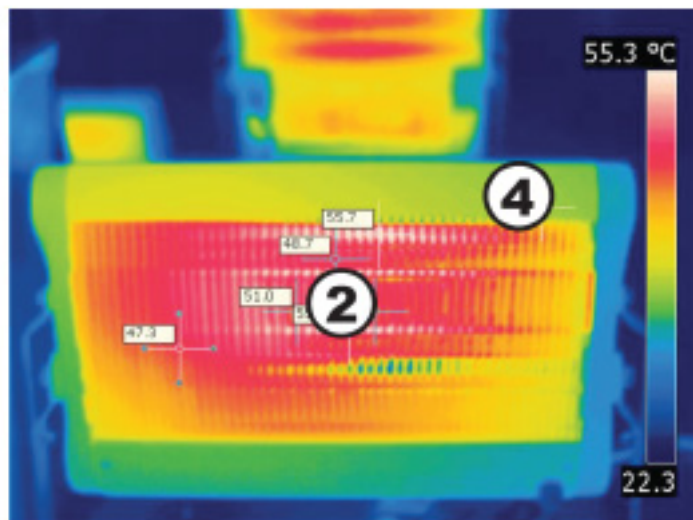
THERMAL IMAGERY TEST

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Front Projection

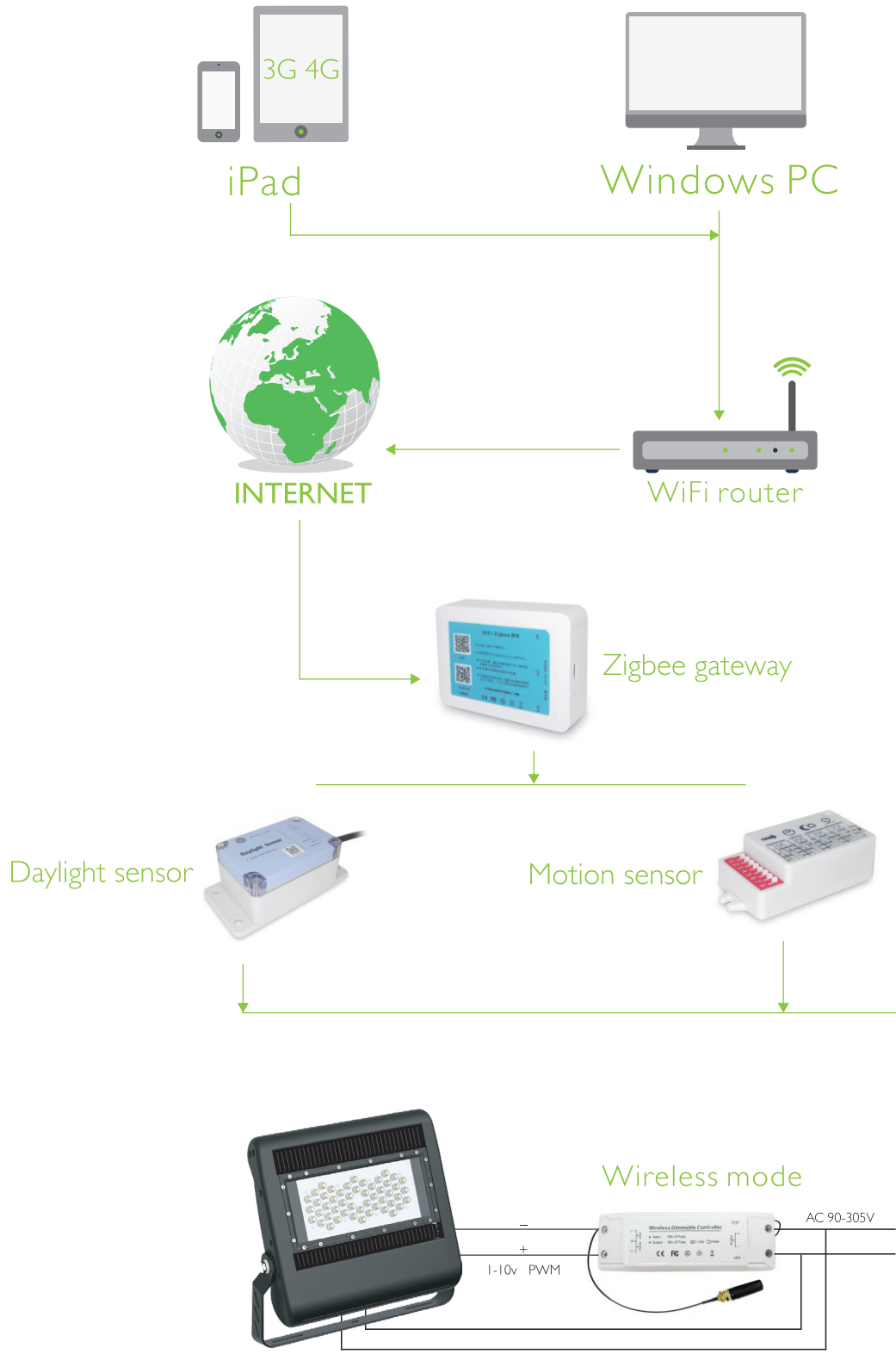


Rear Projection



Number 1	23.9 °C	Edge
Number 2	47.8 °C	Fins
Number 3	44.3 °C	LED Chips
Number 4	32.2 °C	Driver Cover

OPTIONAL WIRELESS SUPPORT 900 SERIES 250W LED FLOODLIGHT



Dimmable Schematic Circuit Diagram