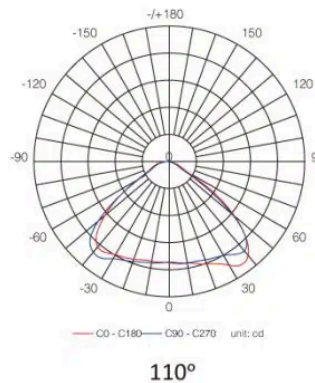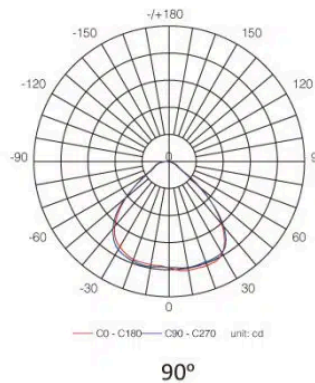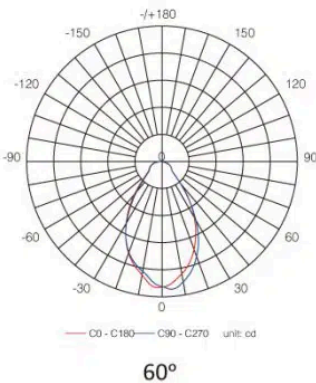# STAR LED

Star LED's MOD FLOOD is an area light that is brave in even the harshest conditions! Packed with features and as strong as it is sleek, MOD boasts ratings of IP66 (ingress), IK10 (durability), 3G (vibration) and LM79 & LM80 (operating life)- there isn't much MOD can't handle. Tested in extreme temperatures, this luminaire operates consistently in a range of -40°F to + 122°F (-40°C to + 50°C) suitable for use in snow and heat alike. Complete with a high performance integrated heat-sink for passive dissipation and certified with a B117 salt fog test rating. The Individual LED modules are serviceable and MOD has a range of mounting options (including recessed). Built to last and backed by our industry leading 10yr warranty, this is the high performing flood light you've been searching for.

Model Guide   [Example Model: MF-150W-4K-110-100-277V-ND-Y-10KV-SL]

Series	Wattage	CCT	Distribution	Voltage	Sensor	Mount	Features	Finish
MF MOD FLOOD	**40W***	**3K** 3000K	**60°** (Symmetrical)	**100-277V** AC 50/60Hz	**ND** Non Dimmable (standard)	**Y** Yoke 'U'	**10KV** Surge Protection Device (optional)	**SL** Silver
	60W*	**4K** 4000K	**90°** (Symmetrical)		**DIM** Dimmable 0-10V (optional)	**R** Recessed	**CRI** >80 (optional)	**O** Other / Custom (optional)*
	80W*	**5K** 5000K	**110°** (Symmetrical)		**MS** Motion Sensor (optional)	**GR** Ground		
	100W*	**5.7K** 5700K	**AS** Asymmetrical		**DALI** Dimmable (optional)			
	120W*							
	150W*							
	160W*							
	180W*							
	* 125-165lm/W ^ Custom Wattages available upon specification							*minimum order quantities may apply for the option

Photometric Distribution Options

MOD FLOODs standard lumen distributions are as per diagrams below. Photometric reports tailored to your specification and project, demonstrating suitable distributions and total lumen requirements are available, contact us for more information. Additional distributions available upon request.

60°   90°   110°

STAR LED

LUMILEDS   MW MEAN WELL   UL   DLC

Specifications

Assembly
Outer body composed of combination of heavy duty die cast aluminium alloy and stretched aluminium alloy (EN AC-46100), treated with anti-uv thermosetting polyester powder-coat with 80 micron epoxy primer for extremely corrosive environments. Standard color silver, custom painting available upon request (minimum order quantity may apply). Standard mounting Yoke 'U' shape bracket +/- 360° adjustment (tenon adaptors and mounting options can be specified to suit your project upon request). Serviceable, modular LED design for ease of replacement if necessary. Complete with integrated heat sink; factory label with description of model; QR accessible service tag. Ingress rated to IP66, suitable for wet locations and exposure to elements, operating temperature -40°C to 50°C (-40°F to 122°F).

Photometric Data
Light source Philips LUMILEDS, individually enclosed in PC (polycarbonate) treated for UV stabilisation. Efficacy up to 165lm/W with luminous flux range (depending on selected specifications) 5000lm - 59400lm total. CCT 3000K, 4000K, 5000K, 5700K and color rendering index (CRI) 70Ra (standard), 80Ra (optional). Beam angles 60°, 90°, 110° or asymmetrical (upon request).

Electrical Data
Wattages available 40W-360W. Input voltage 100-277V AC. Control options include motion (microwave) sensor, timing, dimming 0-10V, DALI dimming. High powered Meanwell LED driver, 10kV surge protection (built in driver) and extra 10KV surge protection device (SPD) available. All electrical components are RoHS compliant to meet US standards.

Certifications & Compliance
Tested and compliant for LM79 & LM80 lifespan of 100,000h at average temp of 25°C. Certified UL / CUL, CE, RoHS, TM21 certified.

Servicing & 10yr Limited Warranty
Luminaires come with QR identifiable service label fixed to the back of the luminaire housing, allowing access to installation guides, product information and warranty contact. Warranty claims can be made by using the link on the service tag or, by contacting Star LED on +1 423 460 4050, or by emailing info@StarLED.green. For complete 10yr Limited Warranty document, contact us or refer to your original purchase document.

Features
For full list of available features and suitability to your project, please contact your local Sales Representative. Additional features may be available depending on region and market and should be assessed for suitability to the application.