

FLL



PRODUCT CODES		
	FLL-20200/163	FLL-25200/204
<b>CONSTRUCTION:</b>		
Housing & Optics.	Made of high purity 6063 anodized aluminum alloy, chemically treated, and polyester powder coated. Optics made of PMMA suitable for operations under high temperature , 90 degree distribution beam angle as standard with excellent transmission efficiency of 93 %, high thermal stability and UV resistant and protected with thermally treated flat toughed glass.	
Mounting Device	Adjustable Mounting Bracket	
Product Dimension (mm) L x W x H	580 x 404 x 70	580 x 404 x 70
Product Color	RAL7042	
<b>ELECTRICAL:</b>		
Input Voltage	220-240V AC	
Frequency	50-60 Hz	
Power Factor	> 0.90	
Power Consumption	163W	204W
Power Consumption Tolerance	+/-10%	
Protection Class	Safety Class(I)	
Glow Wire Test	850 deg C /30 Sec	
<b>CONTROLS:</b>		
Dimmable	NA	
Dimming Options (Variant)	Dali / 1-10V	
<b>PERFORMANCE:</b>		
Luminaire Lumens	20200	25200
CCT	5000K (S) - 4000K / 3000K / 2700K (O)	
CRI	>70	
Initial Chromacity	SCDM <3	
Lumen Maintenance	L90 / B10 > 80000hrs @ 65° C	
Operating Ambient Temperature	+10 to + 55° C	
Storage Temperature	-20 to + 80° C	
Ripple on Modules	<3%	
<b>GENERAL:</b>		
Ingress Protection	IP66	
Impact in Joules	IK09	
Replaceable Modules	Yes	
Luminaire Beam Angle	90 deg	
CE Markings	Yes	
Net Weight	7 Kgs	
<b>VARIANTS:</b>		

Available in Different Beam Angles for specific design requirements/applications. Please refer to Page 113.

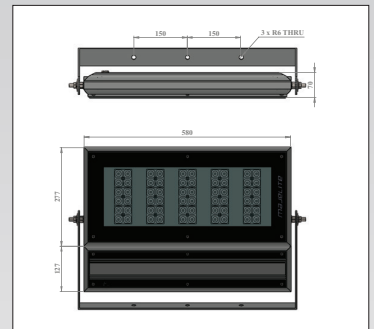
Required variants to be added to the suffix of the code of the fixture. (S)- Standard (O)- Option.

Note: Lumens, wattage & dimensions are subject to change due to the fast development in LED technology.

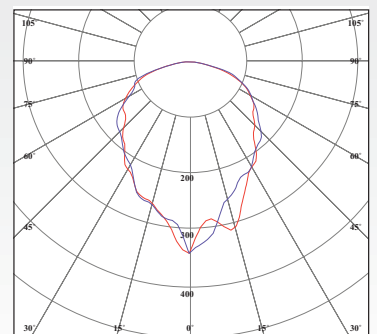
### How to Specify :

.....lm and a min. of .....lm/w LED Floodlight made of 6063 extruded aluminum, powder coated to corrosion class II with PMMA lenses, thermally treated toughened glass, and ENEC certified LED modules & driver, L90 / B10 > 80000hrs @ 65° C lumen maintenance, ..... color temperature, IP66 and in full conformity with :

- EN60598
- EN 55015
- EN61000
- EN61347
- EN61547
- EN62031
- EN62471
- EN62031
- EN62778



### Luminous Intensity Distribution



Luminous intensity (cd/klm) in level C 0° - 180°  
Luminous intensity (cd/klm) in level C 90° - 270°