

FLL



PRODUCT CODES			
	FLL-5050/41	FLL-10100/82	FLL-15200/123
CONSTRUCTION:			
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	340 x 404 x 70	340 x 404 x 70	480 x 404 x 70
Product Color	RAL7042		
ELECTRICAL:			
Input Voltage	220-240V AC		
Frequency	50-60 Hz		
Power Factor	> 0.90		
Power Consumption	41W	82W	123W
Power Consumption Tolerance	+/-10%		
Protection Class	Safety Class(I)		
Glow Wire Test	850 deg C /30 Sec		
CONTROLS:			
Dimmable	NA		
Dimming Options (Variant)	Dali / 1-10V		
PERFORMANCE:			
Luminaire Lumens	5050	10100	15200
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%		
GENERAL:			
Ingress Protection	IP66		
Impact in Joules	IK09		
Replaceable Modules	Yes		
Luminaire Beam Angle	90 deg		
CE Markings	Yes		
Net Weight	6 Kgs	6 Kgs	10 Kgs
VARIANTS:			

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

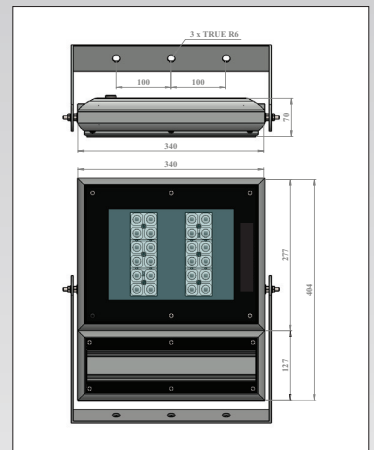
Required variants to be added to the suffix of the code of the fixture. (S)- Standard (O)- Option.

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

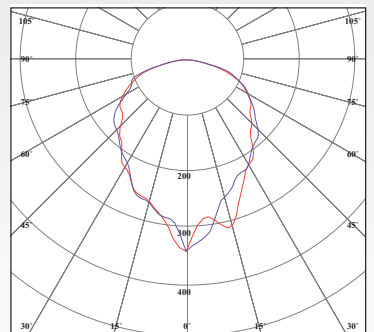
How to Specify :

.....Lm and a min. oflm/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°