

# FLL-H



**PRODUCT CODES**

	<b>FLLH-30000/250</b>	<b>FLLH-35000/290</b>	<b>FLLH-40000/330</b>	<b>FLLH-45000/370</b>	<b>FLLH-55000/455</b>
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**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.				
Mounting Device	Adjustable Mounting Bracket				
Product Dimension (mm) L x W x H	498 x 507 x 70	568 x 507 x 70	638 x 507 x 70	708 x 507 x 70	778x507x70
Product Color	RAL7042				

**ELECTRICAL:**

Input Voltage	220-240V AC				
Frequency	50-60 Hz				
Power Factor	> 0.90				
Power Consumption	250W	290W	330W	370W	455W
Power Consumption Tolerance	+/-10%				
Protection Class	Safety Class(I)				
Glow Wire Test	850 deg C /30 Sec				

**CONTROLS:**

Dimmable	NA				
Dimming Options (Variant)	NA				

**PERFORMANCE:**

Luminaire Lumens	30000	35000	40000	45000	55000
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				

**VARIANTS:**

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

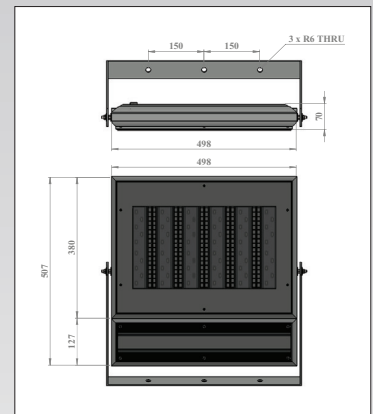
Required variants to be added to the suffix of the code of the fixture. (S)- Standard (O)- Option.

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

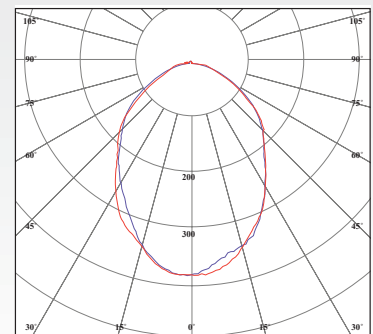
**How to Specify :**

.....lm and a min. of .....lm/w  
 LED Floodlight made of 6063 extruded aluminum, powder coated to corrosion class II with PMMA lenses 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°