

IRL



PRODUCT CODES				
	IRL-4800/35	IRL-9200/65	IRL-12700/89	IRL-15700/110
CONSTRUCTION:				
Housing & Optics.	Pole made of high tensile steel grade mechanically joined with an extruded anodized aluminum alloy, all chemically treated, and polyester powder coated to corrosion class II. Optics made of high heat resistance silicon material suitable for type II optimized lens as standard with excellent transmission efficiency of 93%, high thermal stability and UV resistant.			
Mounting Device	Floor Mounting using Provided Base Plate			
Product Dimension (mm) L x W x H	4000 x 120 x 120	5000 x 120 x 120	6000 x 120 x 120	6000 x 120 x 120
Product Color	RAL7042			
ELECTRICAL:				
Input Voltage	220-240V AC			
Frequency	50-60 Hz			
Power Factor	> 0.90			
Power Consumption	35W	65W	89W	110W
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	4800	9200	12700	15700
CCT	5000K (S) - 4000K / 3000K / 2700K (O)			
CRI	>80			
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. Also available with double head arrangement. For Beam Angles Codes Refer Page 113.

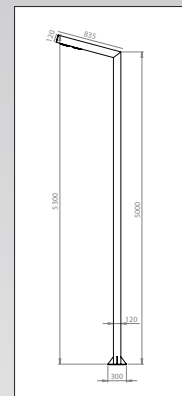
Required variants to be added to the suffix of the code of the fixture.

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

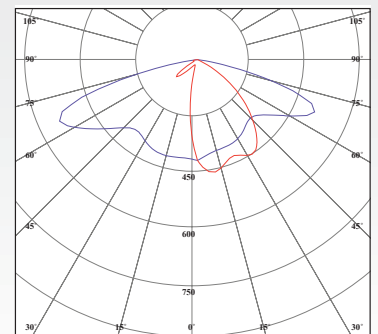
How to Specify :

.....Lm and a min. oflm/w LED Integrated Road Light 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°