



Advanced
Green Economy

AGE Group

Web : www.age.world

Email : sales@age.world

Please visit our website for additional
contact references



IFI+ RS L-M IP65 Series pat. pending

Electrodeless Magnetic Induction Lighting



HIGH PERFORMANCE



ULTRA LONG LIFE



OUTSTANDING LUMEN
MAINTENANCE



INSTANT ON AND
INSTANT RESTRIKE



EXCELLENT VIBRATION
AND SHOCK RESISTANCE



RELIABILITY GUARANTEED



QUICK ROI



IMMUNE TO WEATHER
CONDITIONS



LOW ENVIRONMENTAL
IMPACT



FULLY RECYCLABLE



LIGHTING DIVISION

IFI+ RS L-M Series

TECHNICAL FEATURES

USE:

Subways, Underpasses, Street Lighting, Parking, Sport Fields, Tennis Clubs, Swimming Pools, Museums, Showrooms, Exhibitions, Architectural lighting, Signs and Billboards.

FEATURES:

Cast aluminum housing for heat dissipation to ensure ballast (separate compartment) an optimal operating temperature. High purity aluminum reflector treated with AHRC that brings over 95% of diffused reflectance (with Nanotechnology), High impact tempered glass lens.

STANDARD COMPLIANCE:

2014/35/EU Low Voltage Directive (LVD)

2014/30/EU ElectroMagnetic Compatibility (EMC)

2005/32/EU EcoDesign

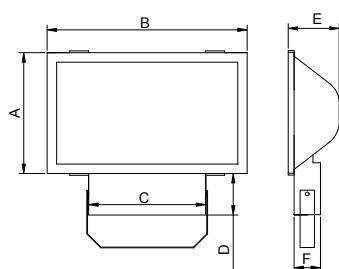
2011/65/EU Environment (RoHS)

EN 55015, EN 60598, EN 61000, EN 61347, EN 61547, EN 62493 I.v.

> EN 62471:2008 Risk Group "RG 0" No Risks <

SURGE PROTECTION	10 KV BURST 5KV 2S
NO LOAD PROTECTION	ACTIVE
SHORT-CIRCUIT PROTECTION	AUTOMATIC

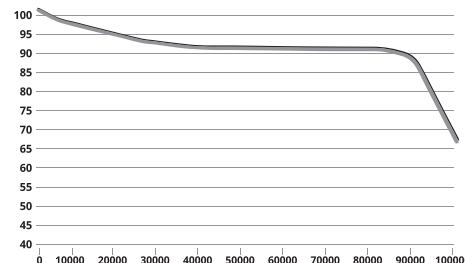
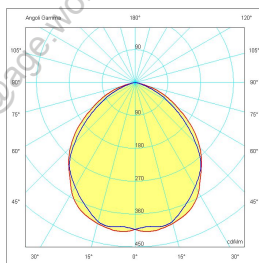
RATED LAMP LIFE	90.000 h - 100.000 h
COLOR TEMPERATURE	2.700k - 6.500k
VOLTAGE	120Vac - 277Vac (+/-10%)
POWER FREQUENCY	50Hz - 60Hz
POWER FACTOR	≥ 0,98
HARMONIC DISTORTION THD	< 2,5%
OPERATING TEMPERATURE	-30°C / +60°C (+75°C)
SWITCH ON COLD ENVIRONMENT	-35°C
IGNITION VOLTAGE	140 Vpp
CLASS OF PROTECTION	IP 65
WARRANTY	10 YEARS (L.W.)
COLOR RENDERING INDEX (CRI)	≥ 87
INSULATION RESISTANCE HOT	< 200 MΩ
INSULATION RESISTANCE COLD	500 MΩ
ISOLATION VOLTAGE	4000 Vac
INRUSH CURRENT	<50A
NOMINAL FREQUENCY OUTPUT	230 kHz (+/-10 kHz)



Dim. (mm)

Ver. M L

A	293	320
B	413	530
C	320	310
D	110	110
E	145	135
F	120	70



MODEL	E.V.E.* [lm]	Frequency [KHz]	Bracket Adj.	Detachable Driver	Lamp Dim. [mm]	Nominal Power [W]	Max Power [W]	Real Power [W]**	Weight [Kg]
IFI+ RS080M	13.075	230	Yes	No	255 x 140 x H 50	80	85	75	6,7
IFI+ RS100M	16.261	230	Yes	No	255 x 140 x H 50	100	106	94	6,8
IFI+ RS120M	19.513	230	Yes	No	255 x 140 x H 50	120	128	112	6,9
IFI+ RS150L	25.827	230	Yes	No	323 x 140 x H 50	150	160	139	7,0
IFI+ RS200L	34.436	230	Yes	No	405 x 147 x H 60	200	212	186	7,1
IFI+ RS250L	43.045	230	Yes	No	405 x 147 x H 60	250	266	233	7,2

Optional AE Version = For Acidic and Corrosive Environments - Ideal for special industrial applications or saline environments

Optional D Version = Dimmable - with linear relationship between luminous flux and power consumption - **NOTE** : AED Available upon request

E.V.E.* = Effective level of illumination defined by: IES TM 24-13

**** Pat. Pending**

Our Technical Department is at your disposal for any additional product information and installation assistance

AGE reserves the right to make any product modification without notice

