



Advanced
Green Economy

AGE Group

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Please visit our website for additional
contact references



IFI+ CH IP65 MIL 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+ CH MIL Series

TECHNICAL FEATURES

USE:

Industrial warehouses, Shopping Malls, Gyms, Showrooms, Fairs, Shipyards, Environments with low thermal impact requirement, Environments with installations exceeding 5 meters high.

FEATURES:

Cast aluminum housing for heat dissipation to ensure ballast 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.

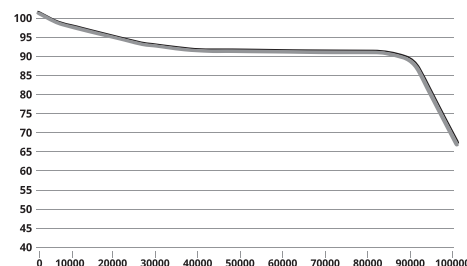
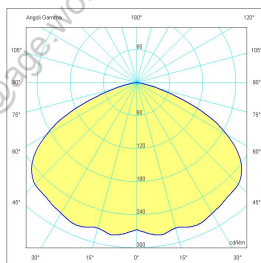
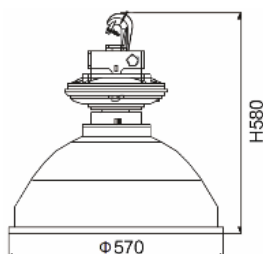
> EN 62471:2008 Risk Group "RG 0" No Risks <

ENGINEERED WITH GUIDELINES:

MIL-HDBK-217FN2, MIL-338B/N1, MIL-STD882E, MIL-PRF-19500PAm2

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

RATED LAMP LIFE	95.000 h - 110.000 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	-35°C / +65°C (+80°C)
SWITCH ON COLD ENVIRONMENT	-40°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)



MODEL	E.V.E.* [lm]	Frequency [KHz]	safety hook	Lamp Dim. [mm]	Nominal Power [W]	Max Power [W]	Real Power [W]**	Weight [Kg]
IFI+ CH100MIL	15.900	230	V	Ø 214 x H 99	100	106	95	8,20
IFI+ CH120MIL	19.513	230	V	Ø 274 x H 99	120	128	112,8	8,25
IFI+ CH150MIL	25.827	230	V	Ø 274 x H 99	150	160	139,5	8,30
IFI+ CH200MIL	34.436	230	V	Ø 314 x H110	200	212	186	8,35
IFI+ CH250MIL	43.045	230	V	Ø 314 x H110	250	266	233	8,40
IFI+ CH300MIL	51.630	230	V	Ø 314 x H110	300	318	279	8,45

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 : IP67 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

