

AC LED Factory Light (HD series)



01 Features



- Direct AC LED Module
- No SMPS
- Various voltages (110, 220, 277 Vac)
- High efficiency (Typ. 110 lm/W ~)
- Waterproof type, Weight lightening
- Save Electricity bill due to long life
- Power Factor $\geq 98\%$
- Apply Surge Protection Device
- Installation type (Flange, Pipe, Chain)

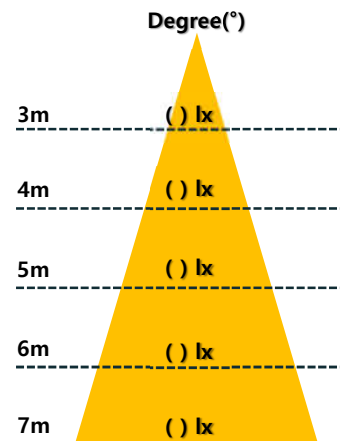
02 Product specifications

Model	HD-60-2.0	HD-90-2.0	HD-135-2.0
Power consumption	60 W	90 W	135 W
Input voltage	110 / 220 / 277 Vac		
Light Efficiency	Typ. 110 lm/W	Typ. 110 lm/W	Typ. 110 lm/W
CRI	Ra 70 / Ra 75		
CCT	5,000 K		
Weight	1.5 kg	1.5 kg	2.5 kg
IP code	65		
SPD	6 kA (I _{max})		
Beam Angle	60°, 100°, 140°	60°, 100°, 140°	60°, 140°
Size (L x W x H mm)	250 x 250 x α		390 x 220 x α
Certification	CE, PSE	CE, PSE	CE, PSE

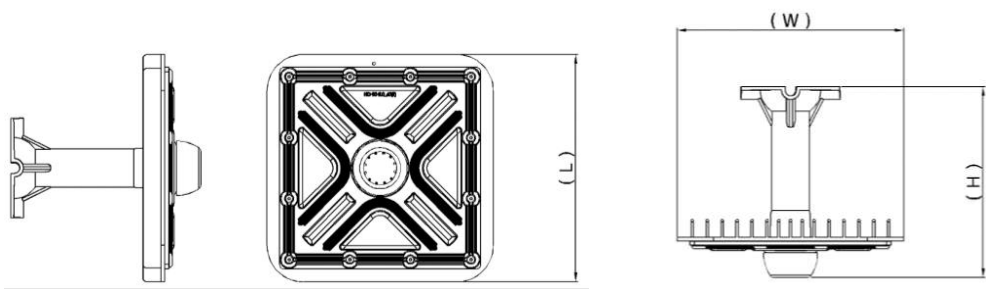
03 Illuminance Cone Diagram

Unit : lx

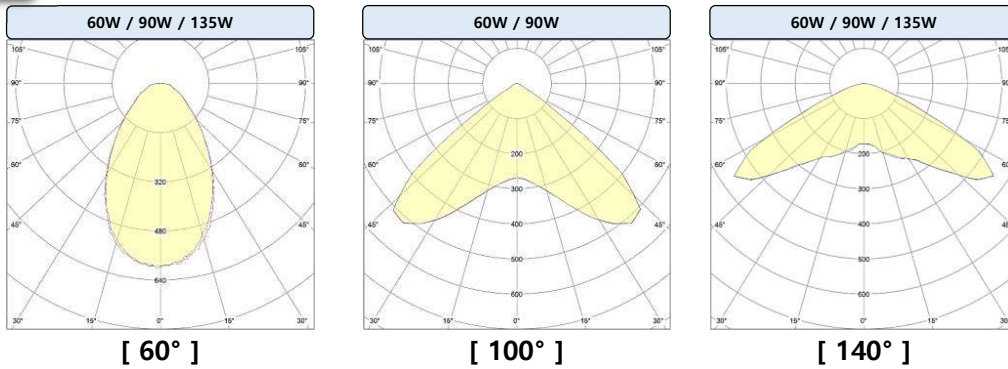
Watt	Deg.	Distance				
		3m	4m	5m	6m	7m
60W	60°	300	196	130	97	78
	100°	160	92	62	43	32
	140°	100	58	37	26	20
90W	60°	530	300	190	130	97
	100°	240	140	93	65	47
	140°	150	86	55	40	30
135W	60°	960	540	350	240	180
	140°	220	126	83	61	46



04 Dimension



05 Light distribution curve



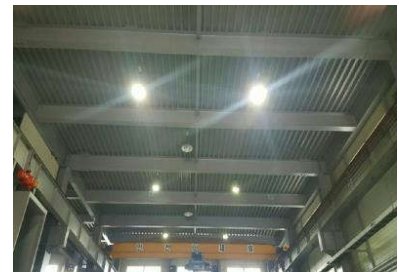
06 Reference



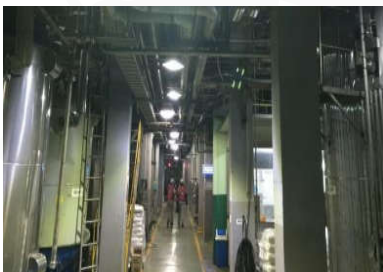
Gas station, Incheon



Factory, Ansan-si



Factory, Incheon



Factory, Incheon



Factory, Bucheon-si



Factory, Japan



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