



LGT22 Flood



# LLGT22 Flood Series

## CE Version Datasheet

### Performance Summary

- 220-240Vac 50/60Hz;
- 120 lm/W at system level( For reference only);
- Five beam angles available;
- Available in white & black;
- IP66 , IK10;
- L70 B50 >50,000hrs( Ta 50°C);
- Anti-Corrosion( optional);
- 5 years warranty.



### Product Description

LLGT22 High Mast is using high heat conductive magnesium alloy materials, air convection heat dissipation, fast reduce the temperature of the product, ensure the service life, modular design, can be freely combined, so body light, easy to install at high altitude, and the uniform lighting effect of low glare is realized by adopting the design of cluster distribution. Energy saving significantly, compared with the traditional lamp under the same illumination can save energy more than 60% compared with traditional luminaries.

### Product Model List

Product Code	Product Name	Nominal Wattage	Weight
LLGT22-V120	Small Area Flood	120W	3.9 kg
LLGT22-V250	Small Area Flood	250W	9.3kg
LLGT22-V375	Small Area Flood	375W	14.4kg
LLGT22-V500	Large Area Flood	500W	17.5kg
LLGT22-V750	Large Area Flood	750W	28.0kg
LLGT22-V1KW	Large Area Flood	1000W	34.0kg

\* Nominal Wattage Tolerance: ±10%.



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### Ordering Number Logic

LLGT22-	Installation	Nominal Wattage	Beam Angle	Control	Surface Protection	CRI	CCT	Exterior Colors	..**
Product Code	V=Vertical	120=120W 250=250W 375=375W 500=500W 750=750W 1KW=1000W	J=20° H=60° K=60*100° P=70*30° N=70*35°P12°	N=Non-Dim P=0-10V D=DALI	A=Normal C=Anti Corrosion	C=70	40=4000K 50=5000K	A2=Black A3=White	Internal Code

### Basic Parameter (Ta=25°C)

UGR	≤25 ( 20°, 60°)
CRI	70
SDCM	5 steps
Color Temperature	4000K, 5000K
Operation Temperature	-40°C~+50°C
Using Humidity	10%~100%
Storage Temperature	-40°C~+60°C
Main Material	Magnesium Alloy
IP Rating	IP66, IK10
Exterior Colors Options	A2=Black A3=White
Life Time	L70 B50 >50,000hrs ( Ta 50°C)
Limited Warranty	5 Years Standard
Control Driver Options	N=Standard Non-Dim Driver P=0-10V Dimmable Driver D=DALI Dimmable Driver
Product Standards	CE, CB, RoHS



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### Electrical Parameters( Ta=25°C)

Test Item	Min.	Typ.	Max.	Notes
Input Voltage	200 Vac	220-240 Vac	265 Vac	
Input Frequency	47 Hz	50/60 Hz	63 Hz	
LLGT22-V120 Input Current	-	-	0.7 A	220Vac 50Hz
LLGT22-V250 Input Current	-	-	1.4 A	220Vac 50Hz
LLGT22-V375 Input Current	-	-	2.1 A	220Vac 50Hz
LLGT22-V500 Input Current	-	-	2.8 A	220Vac 50Hz
LLGT22-V750 Input Current	-	-	4.2 A	220Vac 50Hz
LLGT22-V1KW Input Current	-	-	5.6 A	220Vac 50Hz
Power Factor	0.90	-	-	220Vac 50Hz
THD	-	-	20%	220Vac 50Hz
Leakage Current	-	-	0.70 mA	IEC60598-1;240Vac 60Hz

### Lumen Output( Test Condition 230Vac 50Hz Ta=25°C)

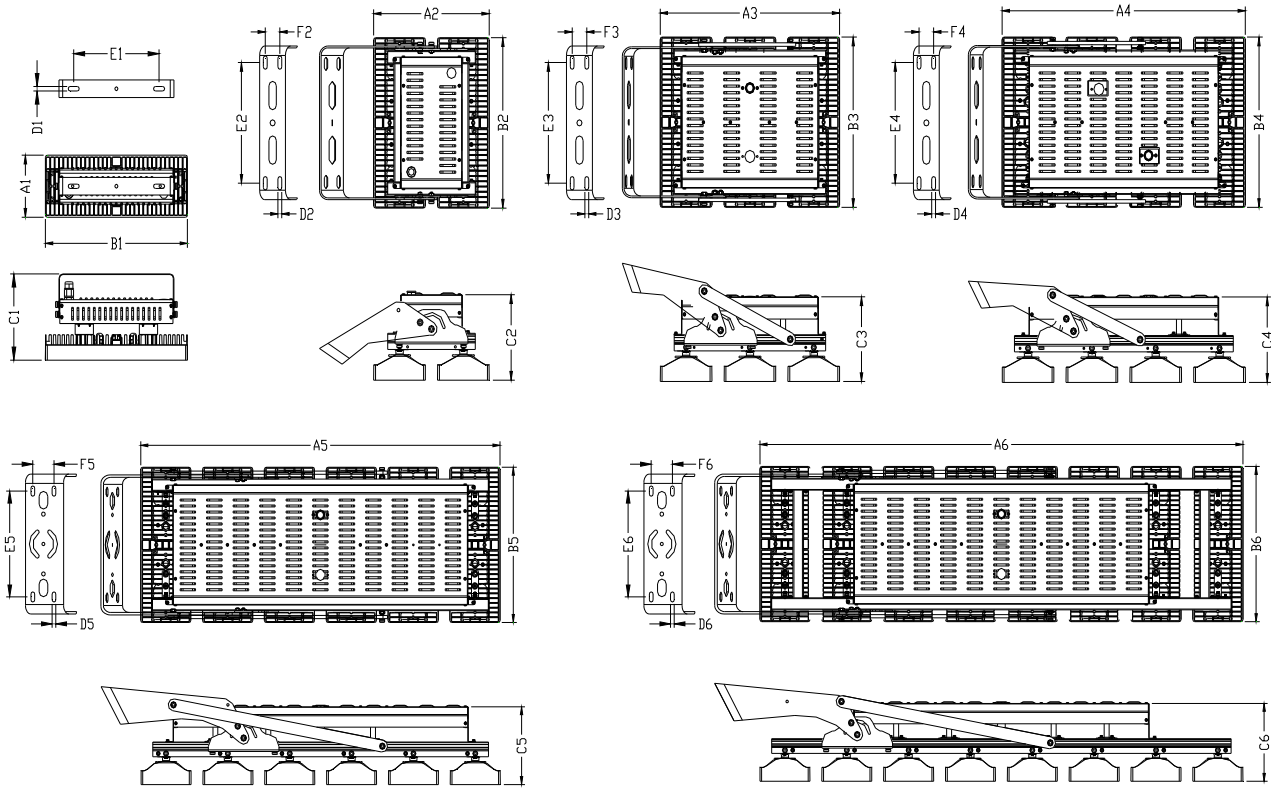
Model Name	CCT	Min.	Typ.	Max.
LLGT22-V120	4000K	12,400 lm	13,800 lm	-
	5000K	13,000 lm	14,400 lm	-
LLGT22-V250	4000K	25,800 lm	28,700 lm	-
	5000K	27,000 lm	30,000 lm	-
LLGT22-V375	4000K	38,800 lm	43,100 lm	-
	5000K	40,500 lm	45,000 lm	-
LLGT22-V500	4000K	51,700 lm	57,500 lm	-
	5000K	54,000 lm	60,000 lm	-
LLGT22-V750	4000K	77,600 lm	86,200 lm	-
	5000K	81,000 lm	90,000 lm	-
LLGT22-V1KW	4000K	103,500 lm	115,000 lm	-
	5000K	108,000 lm	120,000 lm	-



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### Product Dimensions



Unit:mm

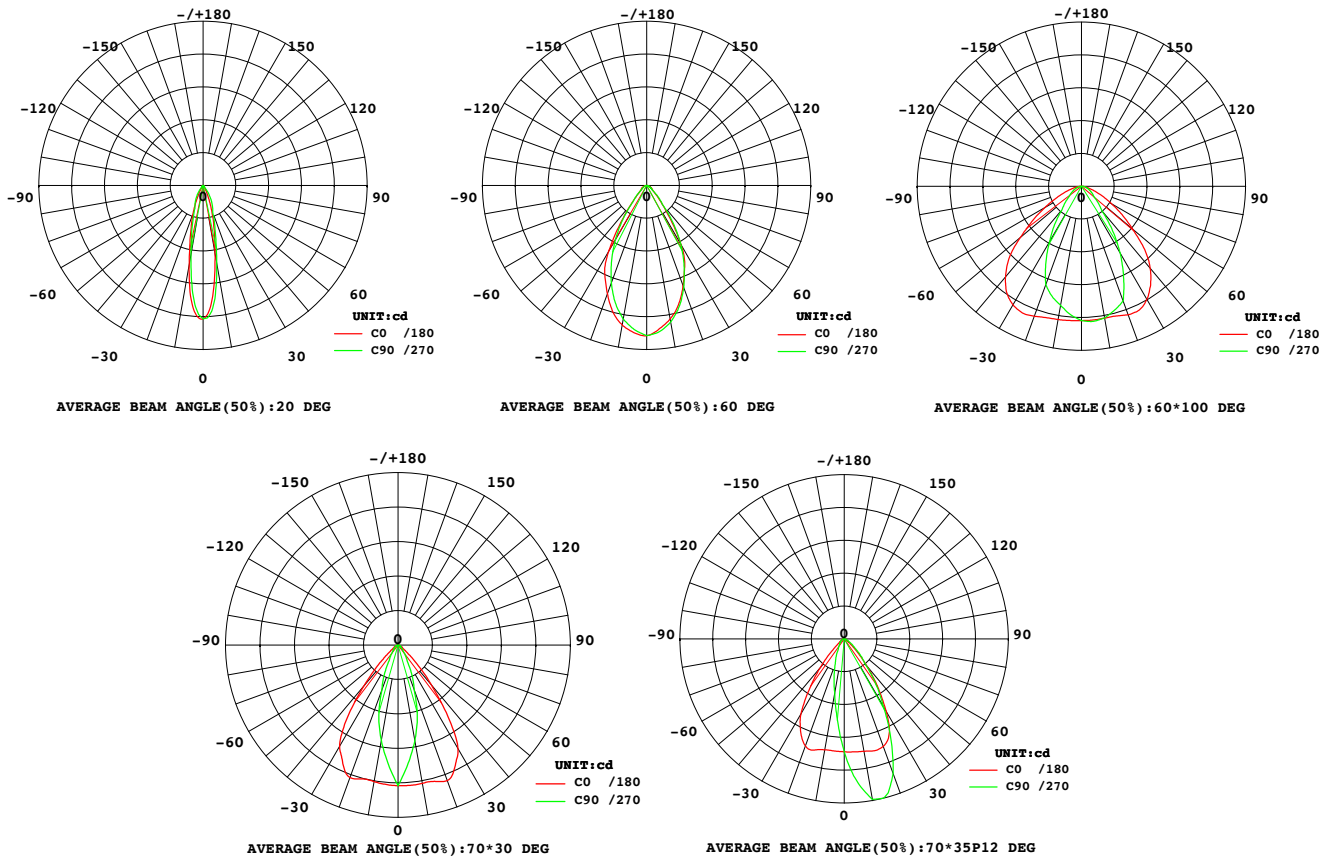
LLGT22-V120	LLGT22-V250	LLGT22-V375	LLGT22-V500	LLGT22-V750	LLGT22-V1KW
A1=142	A2=317	A3=492	A4=667	A5=1017	A6=1367
B1=389	B2=389	B3=389	B4=389	B5=389	B6=389
C1=197	C2=200	C3=200	C4=200	C5=200	C6=200
D1=10	D2=10	D3=10	D4=10	D5=10	D6=10
E1=234	E2=276	E3=276	E4=276	E5=265	E6=265
-	F2=40	F3=40	F4=40	F5=60	F6=60



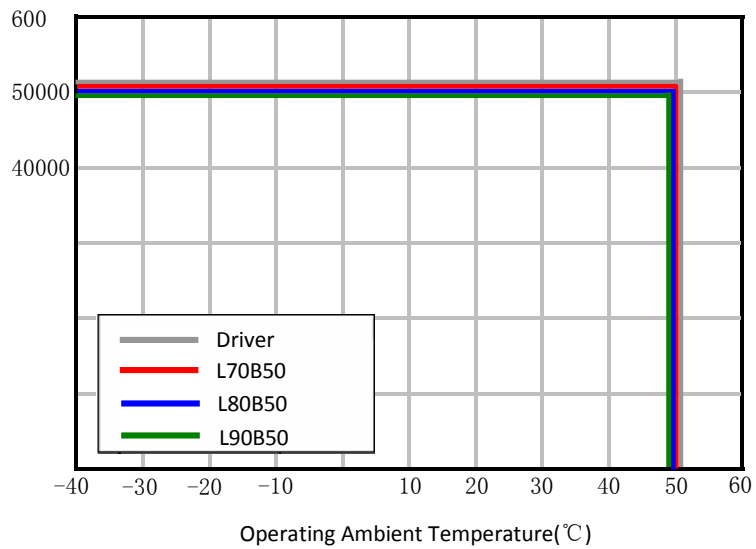
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### Light Distribution



### Operating Ambient Temperature VS Lifetime





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### Mounting & Accessories

Mounting Options	Image	Remarks
Self Prepared Accessories (For Reference Only)		<ol style="list-style-type: none"> <li>Wire connection must fulfill IP66 Requirements. Waterproof junk box or connector is recommended.</li> <li>Suggested expansion Screw spec.: M8x70 mm.</li> <li>M10 stainless steel bolt.</li> <li>Waterproof junction box.</li> </ol>
Wall mounted with vertical installation		<p>Adjustable angle 30° degree of each module Adjustable angle 140° degree of the whole lamp</p>
Rod mounted with vertical installation		<p>Adjustable angle 30° degree of each module Adjustable angle 140° degree of the whole lamp</p>

### \*Reliable bearing capacity requirements for installation location

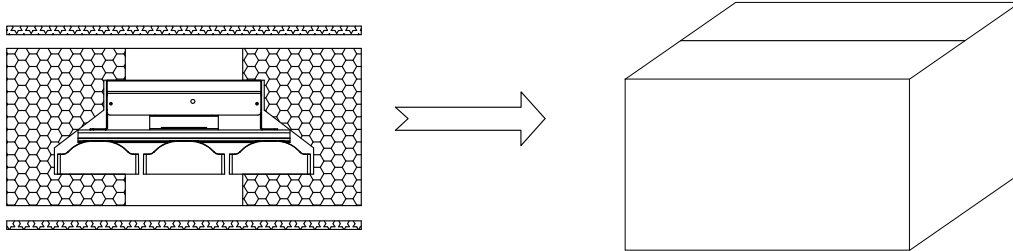
Model Name	LLGT22-V120	LLGT22-V250	LLGT22-V375	LLGT22-V500	LLGT22-V750	LLGT22-V1KW
Installation quantity	1 pcs	1 pcs	1 pcs	1 pcs	1 pcs	1 pcs
Bearing capacity	≥28 kg	≥40 kg	≥56 kg	≥80 kg	≥120 kg	≥160 kg



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### Packaging Schematic



### Ordering Information

Model Name	LLGT22-V120	LLGT22-V250	LLGT22-V375	LLGT22-V500	LLGT22-V750	LLGT22-V1KW
Outer Box Size	455*450*500mm	535*455*300mm	695*455*300mm	850*455*300mm	1220*455*300mm	1560*455*300mm
Quantity Per Outer Carton	4 pcs	1 pcs	1 pcs	1 pcs	1 pcs	1 pcs
Net Weight	15.6 kg	9.3 kg	14.4 kg	17.5 kg	28.0 kg	34.0 kg
Gross Weight	18.1 kg	12.8 kg	17.0 kg	20.5 kg	31.5 kg	37.6 kg

### Note

Above data is for reference only and subject to change; Actual characteristics of outgoing product will be listed in contract or invoice & packing documents. We reserve the right to modify above information without prior notice.