

# GS2A



## LED High Bay Light



### Specifications

<b>Input Voltage:</b>	100 ~ 277Vac
<b>Input Frequency:</b>	50 / 60Hz
<b>Power Factor:</b>	0.95
<b>Surge Protection Level:</b>	10kV line-earth
<b>Working Environment:</b>	-40°C ~ +50, 10% ~ 90% RH
<b>CCT:</b>	3000K, 4000K, 5000K, 5700K
<b>CRI:</b>	≥70
<b>Housing:</b>	Aluminum sheet
<b>IP Rating of LED Engine:</b>	IP68
<b>IP Rating of LED Driver:</b>	IP67
<b>Warranty:</b>	5 Years Limited

### Finishing Colors

	Gray		Black
	White		

### Applications

- Gas station
- Large industrial hall (production, processing, machining...)
- Large indoor area (warehouse, logistic hall, supermarket, sport club, exhibition center...)



### Features

#### Construction

- Whole structure heating dissipation design with efficient thermal conduction, radiation and convection.
- Unique patented IP68 LED light engines.
- Tool-less onsite replacement of light engines greatly reduces maintenance cost.

#### Electrical

- Constant current for steady output.

#### Optical

- Ergonomic and specialized lighting distributions available.

### Photos



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### Ordering Information

Example: GS2A-2-100-M16B-BA-28-3160-7040-CM-MO-GY

Luminaire Type	Module Qty	System Power	LED Module	LED Package	Cable Standard	LED Qty per Module
GS High bay light  2A 2A series	2 2 modules	80 80W 100 100W	M1A M1A module	A 3535	A CCC+VDE C PSE H UL X Others	18 18pcs
			M2A M2A module			63 63pcs
			M8B M8B module	C 3030		18 18pcs
			M16B M16B module	B 5050		28 28pcs
Lens Code		CRI & CCT		Brand of LEDs	Driver Brand	Housing Color
1010 110degree		7030 Ra≥70, CCT 3000K	LU LUMILEDS	MO MOSO	WH White	
3040 Type Vs Short		7040 Ra≥70, CCT 4000K	CM LUMILEDS	IN INVENTRONICS	BK Black	
1908 12 degree	3560 60 degree	7050 Ra≥70, CCT 5000K	Customized	PH PHILIPS	GY Gray	
3725 25 degree	3590 90 degree	7057 Ra≥70, CCT 5700K	SS SAMSUNG	MW MEAN WELL		
3540 40 degree	3030 110x40 degree		NI NICHIA	XX Others		
1325 25 degree	5390 90 degree		CR CREE			
5340 40 degree	1310 Lambertian type		LN LUMINUS			
2360 60 degree			XX Others			
3125 25 degree	2114 Type V Short					
3140 40 degree	2040 Type V Short					
3160 60 degree	2212 Type II Short					
2190 90 degree	1113 Type III Short					
2211 90x40 degree	2501 60x60 degree					
2310 Lambertian type	2502 80x80 degree					
3504 80x40 degree	2503 80x50 degree					
3505 70x30 degree						

### Performance

Model	Power (W)	Module M1A/M2A-VA-18		Module M8B-VC-63		Module M16B-VB-18		Module M16B-VB-28	
		Efficacy (lm/W)	Flux (lm)	Efficacy (lm/W)	Flux (lm)	Efficacy (lm/W)	Flux (lm)	Efficacy (lm/W)	Flux (lm)
GS2A-2	80	137	10960	140	11200	160	12800	175	14000
	100	130	13000	135	13500	150	15000	170	17000

Note: 1. Values shown are subject to ±5%~±8% tolerance

2. Efficacy of Ra70 3000K is 5% lower than other CCT≥4000K.

# GS2A

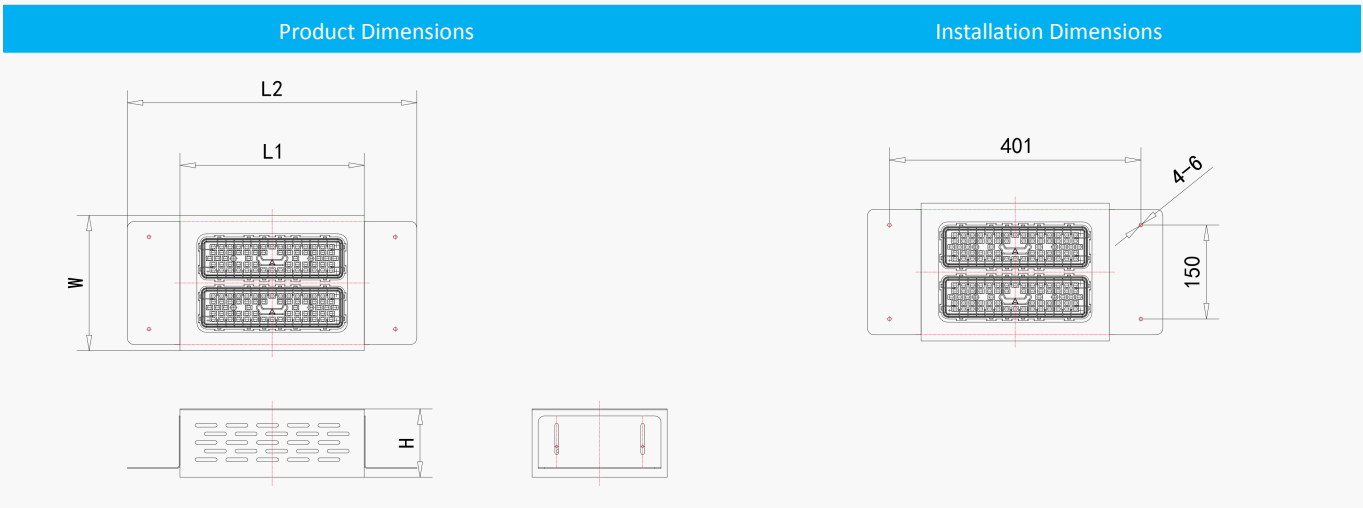
## LED High Bay Light

### Product Dimensions

Model	L1 (mm)	L2 (mm)	W (mm)	H (mm)	N.W. (kg)
GS2A-2	470	300	220	110	5.8

Notes: 1. Typical values above. Tolerance: housing dimensions  $\pm 5\text{mm}$ ; N.W.  $\pm 5\%$ .

2. L1, L2 and W could be tailored otherwise.

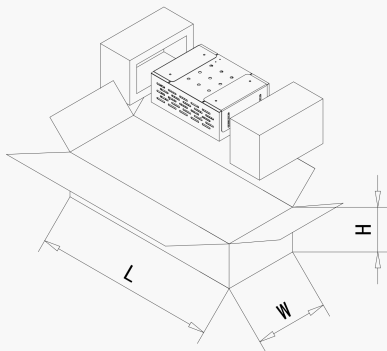


### Package Information

Model	L (mm)	W (mm)	H (mm)	G.W. (kg)
GS2A-2	375	290	185	7.2

Notes: 1. Typical values above. Tolerance: carton dimensions  $\pm 5\text{mm}$ ; G.W.  $\pm 5\%$ .

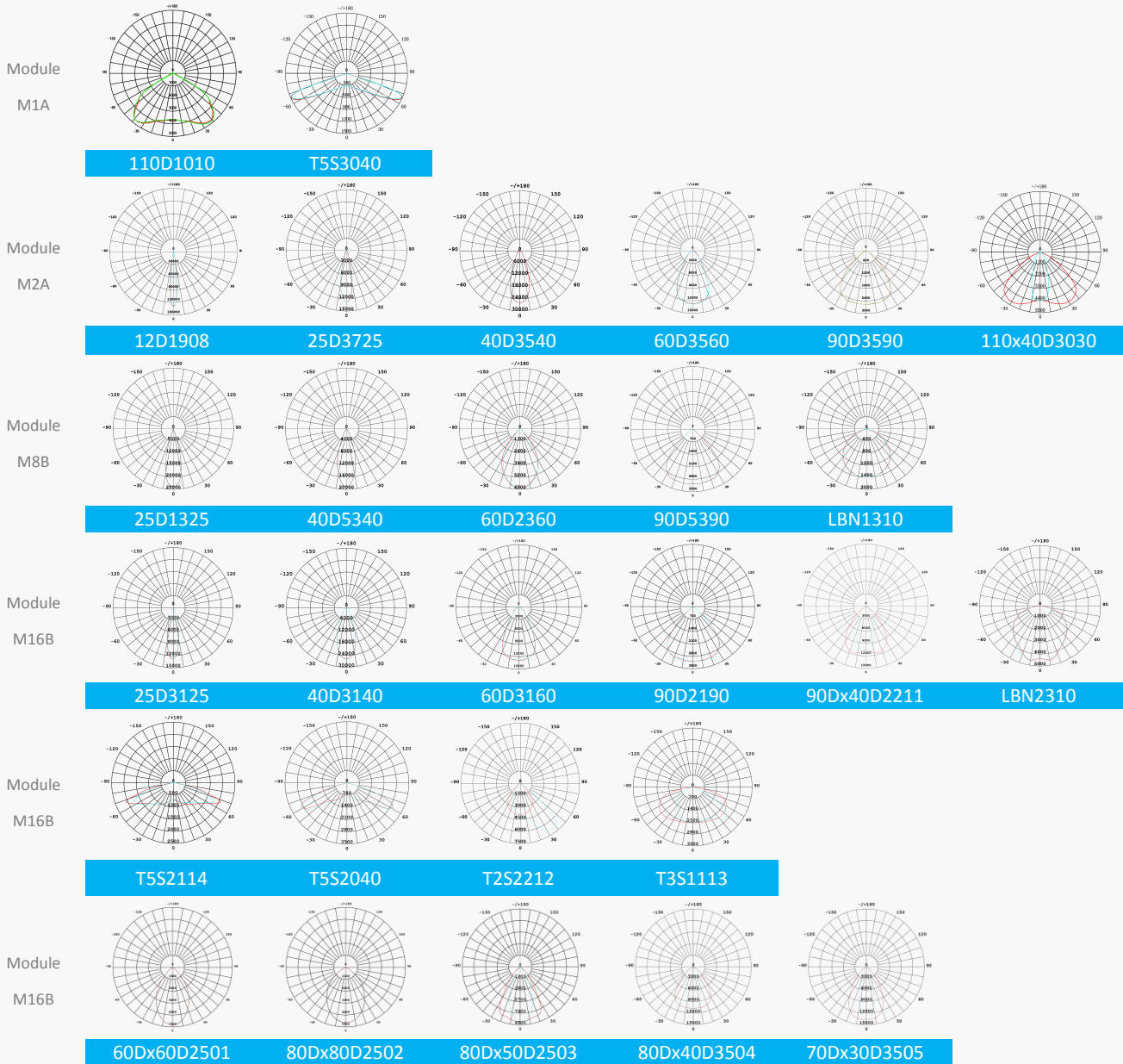
2. Dimensions of package correspond to that of product above. If product was tailored otherwise, package would need to be tailored accordingly.



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### Typical Distributions



### Version History

Change Date	Version	Description of Change		
		Item	From	To
2020/11/12	Ver2.0	Datasheet format	Ver1.0	Ver2.0
		GS2A-1	Standard configurations	Removed
		GS2A-2 120W solution		Cancelled as maximum power