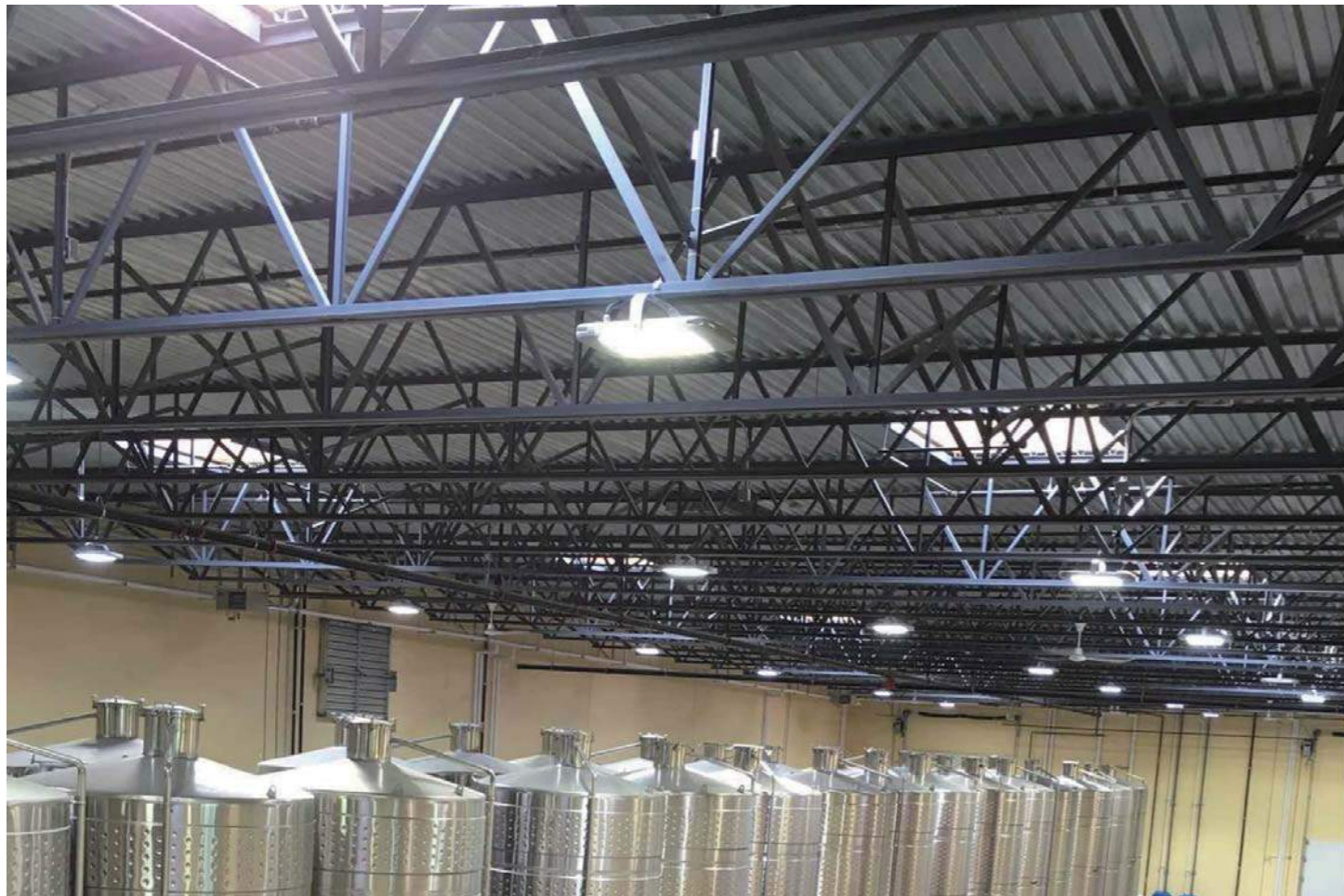




7 YEAR WARRANTY



Variety applications



Bay light with short bracket



Bay light with suspension rope





Flood light with long bracket

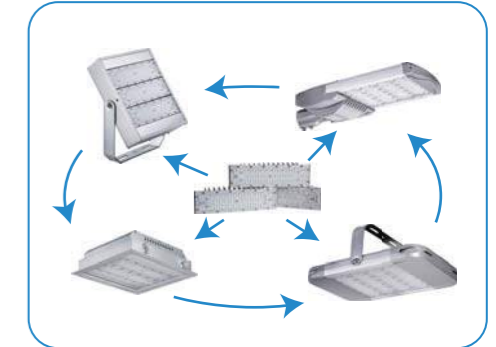
HIGH-EFFICACY LED LIGHT SOURCE

-  Philips Lumileds Luxeon TX
Greater than 135lm/W high efficacy, illumination grade LED light source.
-  Philips Lumileds 3030 2D
Greater than 150lm/W high efficacy, illumination grade LED light source.
-  Philips Lumileds 5050
Greater than 185lm/W high efficacy, illumination grade LED light source.

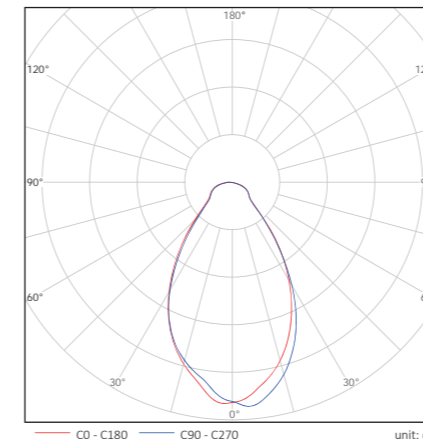
HIGH-END LED DRIVER (Two options)

-  **POWERED BY MEAN WELL**
High-end Mean Well HLG Series LED driver, optimal stability, performance and lifespan.
-  **+ DIMMABLE INVENTRONICS LED DRIVER inside**
High-end Inventronics programmable LED driver, integrate dimming function and 6KV /10KV surge protection. Provide excellent performance and lifespan.

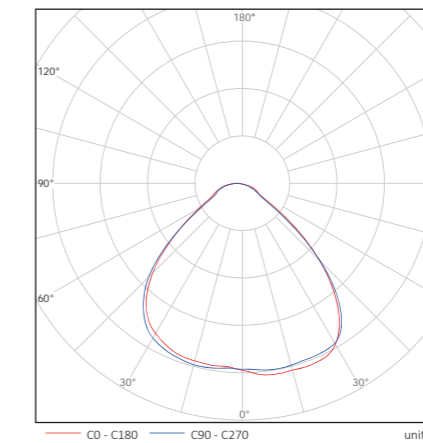
FLEXIBLE COMBINATIONS OF MODULES



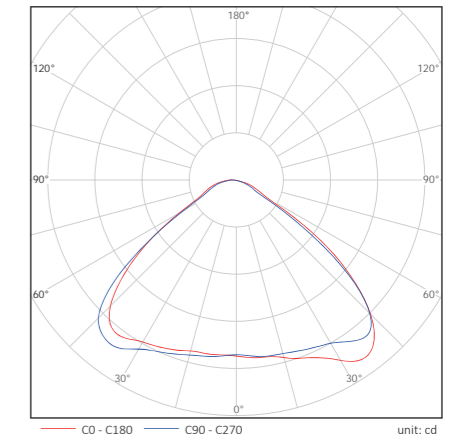
Light Distribution Options



Lens code: 60°



Lens code: 90°



Lens code: 110°

SERIES-H

LED BAY/FLOOD LIGHTS

PRODUCT CATALOG

Electrical & Photometric

★ 3030 Version

Number of Modules	Model*1	LED Working Current	Power	Luminaire Efficacy (+/- 5%)	Lumen Output (+/- 5%)	Input Voltage	LED Brand	Driver Brand	Light Distributions	CCT (K)	Lifetime (h)
1	ZGSM-GCD40H4 ZGSM-FGD40H4	95mA	40W	130 lm /w	5200 lm	100-240V /277V AC 50 /60Hz	Philips Lumileds 3030 2D	MeanWell Inventronics	60° 90° 110°	3000*2 4000 5000 5700	>100,000 (L70)
	ZGSM-GCD50H5 ZGSM-FGD50H5	115mA	50W	125 lm /w	6250 lm						>80,000 (L70)
	ZGSM-GCD60H6 ZGSM-FGD60H6	145mA	60W	120 lm /w	7200 lm						>100,000 (L70)
	ZGSM-GCD80H4 ZGSM-FGD80H4	100mA	80W	130 lm /w	10400 lm						>80,000 (L70)
2	ZGSM-GCD100H5 ZGSM-FGD100H5	120mA	100W	125 lm /w	12500 lm						>100,000 (L70)
	ZGSM-GCD120H6 ZGSM-FGD120H6	145mA	120W	120 lm /w	14400 lm						>80,000 (L70)
	ZGSM-GCD120H4 ZGSM-FGD120H4	100mA	120W	130 lm /w	15600 lm						>100,000 (L70)
3	ZGSM-GCD150H5 ZGSM-FGD150H5	120mA	150W	125 lm /w	18750 lm						>80,000 (L70)
	ZGSM-GCD180H6 ZGSM-FGD180H6	145mA	180W	120 lm /w	21600 lm						>100,000 (L70)
	ZGSM-GCD160H4 ZGSM-FGD160H4	100mA	160W	130 lm /w	20800 lm						>80,000 (L70)
4	ZGSM-GCD200H5 ZGSM-FGD200H5	120mA	200W	125 lm /w	25000 lm						>100,000 (L70)
	ZGSM-GCD240H6 ZGSM-FGD240H6	145mA	240W	120 lm /w	28800 lm						>80,000 (L70)
	ZGSM-GCD200H4 ZGSM-FGD200H4	100mA	200W	130 lm /w	26000 lm	>100,000 (L70)					
5	ZGSM-GCD240H5 ZGSM-FGD240H5	120mA	240W	125 lm /w	30000 lm	>100,000 (L70)					

*1 Model of Bay Light: ZGSM-GCDXXHX | Model of Flood Light: ZGSM-FGDXXHX.

*2 Luminous Efficacy of 3000K is 5% lower than other CCTs.

★ 5050 Version

Number of Modules	Model*1	LED Working Current	Power	Luminaire Efficacy (+/- 5%)	Lumen Output (+/- 5%)	Input Voltage	LED Brand	Driver Brand	Light Distributions	CCT (K)	Lifetime (h)
1	ZGSM-GCD40H4 ZGSM-FGD40H4	48mA	40W	160 lm /w	6400 lm	100-240V /277V AC 50 /60Hz	Philips Lumileds 5050	MeanWell Inventronics	110°	3000*2 4000 5000 5700	>100,000 (L70)
	ZGSM-GCD50H5 ZGSM-FGD50H5	59mA	50W	155 lm /w	7750 lm						>80,000 (L70)
	ZGSM-GCD60H6 ZGSM-FGD60H6	75mA	60W	155 lm /w	9300 lm						>100,000 (L70)
	ZGSM-GCD80H4 ZGSM-FGD80H4	50mA	80W	165 lm /w	13200 lm						>80,000 (L70)
2	ZGSM-GCD100H5 ZGSM-FGD100H5	61mA	100W	160 lm /w	16000 lm						>100,000 (L70)
	ZGSM-GCD120H6 ZGSM-FGD120H6	75mA	120W	155 lm /w	18600 lm						>80,000 (L70)
	ZGSM-GCD120H4 ZGSM-FGD120H4	50mA	120W	165 lm /w	19800 lm						>100,000 (L70)
3	ZGSM-GCD150H5 ZGSM-FGD150H5	58mA	150W	160 lm /w	24000 lm						>80,000 (L70)
	ZGSM-GCD180H6 ZGSM-FGD180H6	75mA	180W	155 lm /w	27900 lm						>100,000 (L70)
	ZGSM-GCD160H4 ZGSM-FGD160H4	50mA	160W	165 lm /w	26400 lm						>80,000 (L70)
4	ZGSM-GCD200H5 ZGSM-FGD200H5	58mA	200W	160 lm /w	32000 lm						>100,000 (L70)
	ZGSM-GCD240H6 ZGSM-FGD240H6	75mA	240W	155 lm /w	37200 lm						>80,000 (L70)
	ZGSM-GCD200H4 ZGSM-FGD200H4	50mA	200W	165 lm /w	33000 lm	>100,000 (L70)					
5	ZGSM-GCD240H5 ZGSM-FGD240H5	61mA	240W	160 lm /w	38400 lm	>80,000 (L70)					

*1 Model of Bay Light: ZGSM-GCDXXHX | Model of Flood Light: ZGSM-FGDXXHX.

*2 Luminous Efficacy of 3000K is 5% lower than other CCTs.

SERIES-H

LED BAY/FLOOD LIGHTS

PRODUCT CATALOG

★ 3535 Version

Number of Modules	Model*1	LED Working Current	Power	Luminaire Efficacy (+/- 5%)	Lumen Output (+/- 5%)	Input Voltage	LED Brand	Driver Brand	Light Distributions	CCT (K)	Lifetime (h)
1	ZGSM-GCD40H ZGSM-FGD40H	860mA	40W	110 lm /w	4400 lm	100-240V /277V AC 50 /60Hz	Philips Lumileds Luxeon TX	MeanWell Inventronics	60° 90° 110°	3000*2 4000 5000 5700	>100,000 (L70)
2	ZGSM-GCD80H ZGSM-FGD80H	900mA	80W	110 lm /w	8800 lm						>80,000 (L70)
3	ZGSM-GCD120H ZGSM-FGD120H	900mA	120W	110 lm /w	13200 lm						>100,000 (L70)
4	ZGSM-GCD160H ZGSM-FGD160H	900mA	160W	110 lm /w	17600 lm						>80,000 (L70)
5	ZGSM-GCD200H ZGSM-FGD200H	900mA	200W	110 lm /w	22000 lm						>100,000 (L70)
6	ZGSM-GCD240H ZGSM-FGD240H	900mA	240W	110 lm /w	26400 lm						>80,000 (L70)

*1 Model of Bay Light: ZGSM-GCDXXHX | Model of Flood Light: ZGSM-FGDXXHX.

*2 Luminous Efficacy of 3000K is 5% lower than other CCTs.

Working Environment & Packing

Number of Modules	Working Environment	Storage Temperature	Rating	CRI	Power Factor	Power Efficiency	Material	Product Dimensions (mm)	Carton Size (mm)	N.W (kg)	G.W (kg)
1	-40 °C ~ +50 °C 10% ~ 90%RH	-40 °C ~ +50 °C	Class I IP66 IK10	>70	>0.95	>90%	Housing: Die-cast aluminum; Heat sink: Stretched Aluminium Alloy; Lens: PC	293*340*156(Bay Light) 293*340*186(Flood Light)	345*365*160	3.1	3.9
2								336*340*156(Bay Light) 336*340*223(Flood Light)	415*365*160	4.4	5.2
3								439*340*156(Bay Light) 439*340*259(Flood Light)	485*365*160	5.4	6.3
4								512*340*156(Bay Light) 512*340*296(Flood Light)	560*365*160	6.3	7.3
5								585*340*156(Bay Light) 585*340*332(Flood Light)	635*365*160	7.2	8.3
6								658*340*156(Bay Light) 658*340*369(Flood Light)	705*365*160	8.1	9.3

Note: Above data of weight are all typical values.

Certification

Manufacturer
ISO9001, ISO14001
H Series [ZGSM-GCD40H, ZGSM-GCD80H, ZGSM-GCD120H, ZGSM-GCD160H, ZGSM-GCD200H, ZGSM-GCD240H]
H Series [ZGSM-FGD40H, ZGSM-FGD80H, ZGSM-FGD120H, ZGSM-FGD160H, ZGSM-FGD200H, ZGSM-FGD240H]
CE, ROHS, GS, CB, SAA, UL, cUL, DLC, LM79, LM80
H4/H5 Series [ZGSM-GCD40H4, ZGSM-GCD80H4, ZGSM-GCD120H4, ZGSM-GCD160H4, ZGSM-GCD200H4 ZGSM-GCD50H5, ZGSM-GCD100H5, ZGSM-GCD150H5, ZGSM-GCD200H5, ZGSM-GCD240H5]
H4/H5 Series [ZGSM-FGD40H4, ZGSM-FGD80H4, ZGSM-FGD120H4, ZGSM-FGD160H4, ZGSM-FGD200H4 ZGSM-FGD50H5, ZGSM-FGD100H5, ZGSM-FGD150H5, ZGSM-FGD200H5, ZGSM-FGD240H5]
CE, ROHS, LM80
H6 Series [ZGSM-GCD60H6, ZGSM-GCD120H6, ZGSM-GCD180H6, ZGSM-GCD240H6 ZGSM-FGD60H6, ZGSM-FGD120H6, ZGSM-FGD180H6, ZGSM-FGD240H6]
CE, ROHS, LM80

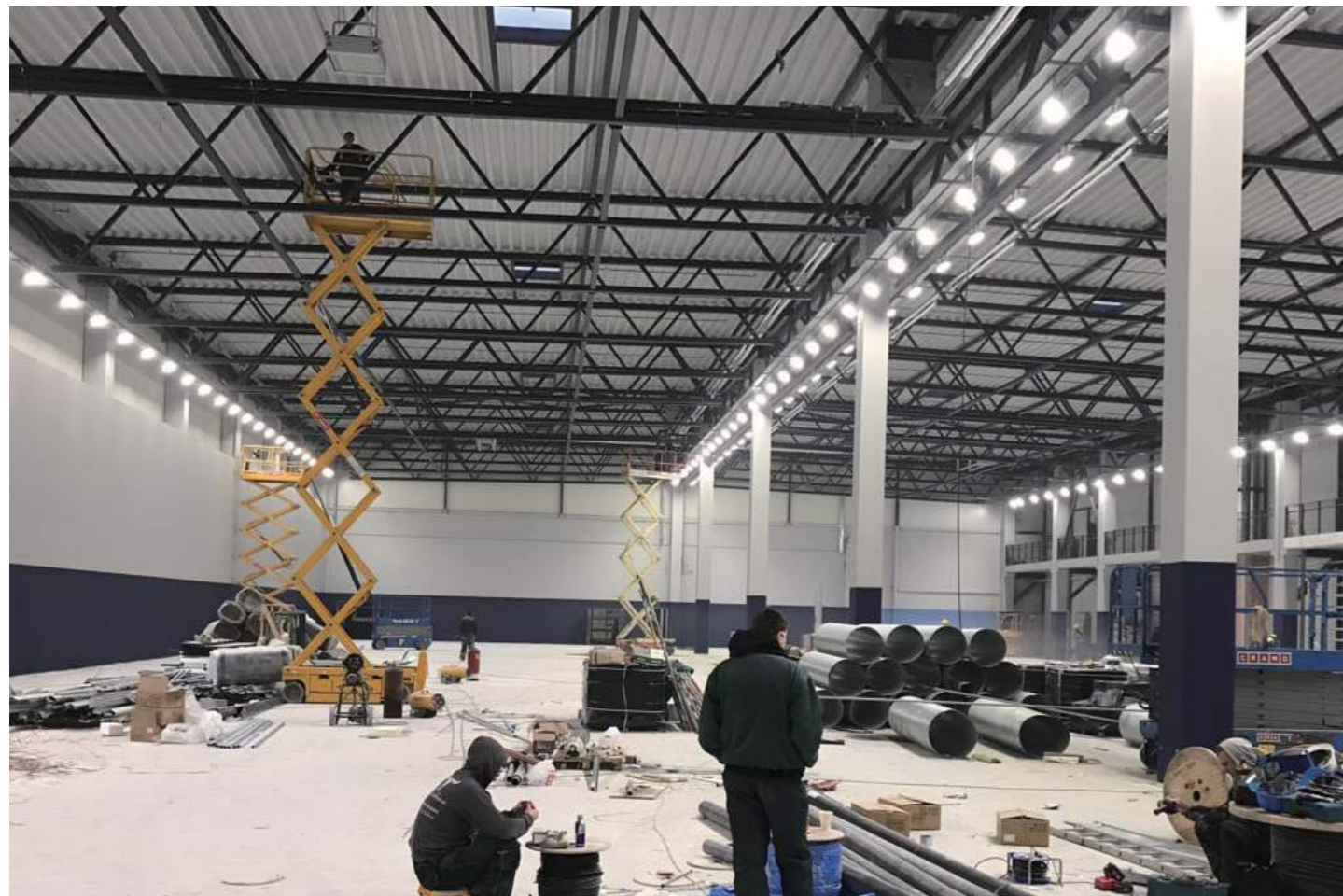


Bay light with short bracket



Flood light with long bracket

7 YEAR
WARRANTY



HIGH-EFFICACY LED LIGHT SOURCE



Philips Lumileds Luxeon TX
Greater than 135lm/W high efficacy, illumination grade LED light source.



Philips Lumileds 3030 2D
Greater than 150lm/W high efficacy, illumination grade LED light source.



Philips Lumileds 5050
Greater than 185lm/W high efficacy, illumination grade LED light source.

HIGH-END LED DRIVER (Two options)



High-end Mean Well HLG Series LED driver, optimal stability, performance and lifespan.

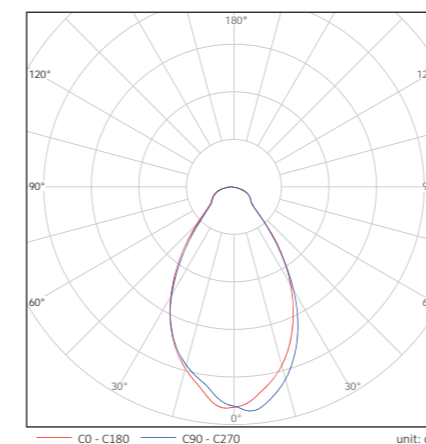


High-end Inventronics programmable LED driver, integrate dimming function and 6KV /10KV surge protection. Provide excellent performance and lifespan.

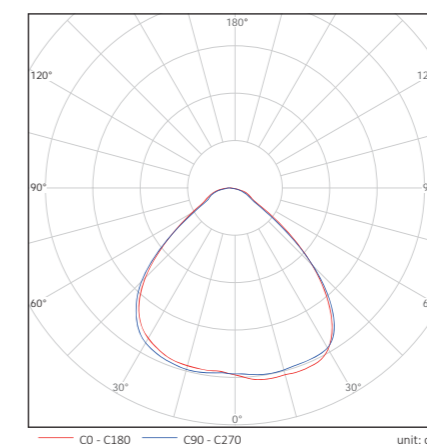
FLEXIBLE COMBINATIONS OF MODULES



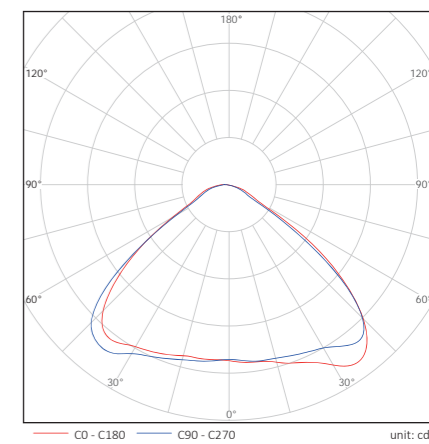
Light Distribution Options



Lens code: 60°



Lens code: 90°



Lens code: 110°

SERIES-HB

LED BAY/FLOOD LIGHTS

APPLICATIONS

Electrical & Photometric

★ 3030 Version

Number of Modules	Model*1	LED Working Current	Power	Luminaire Efficacy (+/- 5%)	Lumen Output (+/- 5%)	Input Voltage	LED Brand	Driver Brand	Light Distributions	CCT (K)	Lifetime (h)
1	ZGSM-GCD40H4B ZGSM-FGD40H4B	95mA	40W	130 lm /w	5200 lm	100-240V /277V AC 50 /60Hz	Philips Lumileds	MeanWell Inventronics	60° 90° 110°	3000*2 4000 5000 5700	>100,000 (L70)
	ZGSM-GCD50H5B ZGSM-FGD50H5B	115mA	50W	125 lm /w	6250 lm						>80,000 (L70)
	ZGSM-GCD60H6B ZGSM-FGD60H6B	145mA	60W	120 lm /w	7200 lm						>100,000 (L70)
2	ZGSM-GCD80H4B ZGSM-FGD80H4B	100mA	80W	130 lm /w	10400 lm						>80,000 (L70)
	ZGSM-GCD100H5B ZGSM-FGD100H5B	120mA	100W	125 lm /w	12500 lm						>100,000 (L70)
	ZGSM-GCD120H6B ZGSM-FGD120H6B	145mA	120W	120 lm /w	14400 lm						>80,000 (L70)
3	ZGSM-GCD120H4B ZGSM-FGD120H4B	100mA	120W	130 lm /w	15600 lm						>100,000 (L70)
	ZGSM-GCD150H5B ZGSM-FGD150H5B	120mA	150W	125 lm /w	18750 lm						>80,000 (L70)
	ZGSM-GCD180H6B ZGSM-FGD180H6B	145mA	180W	120 lm /w	21600 lm						>100,000 (L70)
4	ZGSM-GCD160H4B ZGSM-FGD160H4B	100mA	160W	130 lm /w	20800 lm						>80,000 (L70)
	ZGSM-GCD200H5B ZGSM-FGD200H5B	120mA	200W	125 lm /w	25000 lm						>100,000 (L70)
	ZGSM-GCD240H6B ZGSM-FGD240H6B	145mA	240W	120 lm /w	28800 lm						>80,000 (L70)
5	ZGSM-GCD200H4B ZGSM-FGD200H4B	100mA	200W	130 lm /w	26000 lm	>100,000 (L70)					
	ZGSM-GCD240H5B ZGSM-FGD240H5B	120mA	240W	125 lm /w	30000 lm	>100,000 (L70)					

*1 Model of Bay Light: ZGSM-GCDXXHXB | Model of Flood Light: ZGSM-FGDXXHXB.

*2 Luminous Efficacy of 3000K is 5% lower than other CCTs.

★ 5050 Version

Number of Modules	Model*1	LED Working Current	Power	Luminaire Efficacy (+/- 5%)	Lumen Output (+/- 5%)	Input Voltage	LED Brand	Driver Brand	Light Distributions	CCT (K)	Lifetime (h)
1	ZGSM-GCD40H4B ZGSM-FGD40H4B	48mA	40W	160 lm /w	6400 lm	100-240V /277V AC 50 /60Hz	Philips Lumileds	MeanWell Inventronics	110°	3000*2 4000 5000 5700	>100,000 (L70)
	ZGSM-GCD50H5B ZGSM-FGD50H5B	59mA	50W	155 lm /w	7750 lm						>100,000 (L70)
	ZGSM-GCD60H6B ZGSM-FGD60H6B	75mA	60W	155 lm /w	9300 lm						>100,000 (L70)
2	ZGSM-GCD80H4B ZGSM-FGD80H4B	50mA	80W	165 lm /w	13200 lm						>100,000 (L70)
	ZGSM-GCD100H5B ZGSM-FGD100H5B	61mA	100W	160 lm /w	16000 lm						>100,000 (L70)
	ZGSM-GCD120H6B ZGSM-FGD120H6B	75mA	120W	155 lm /w	18600 lm						>100,000 (L70)
3	ZGSM-GCD120H4B ZGSM-FGD120H4B	50mA	120W	165 lm /w	19800 lm						>100,000 (L70)
	ZGSM-GCD150H5B ZGSM-FGD150H5B	58mA	150W	160 lm /w	24000 lm						>100,000 (L70)
	ZGSM-GCD180H6B ZGSM-FGD180H6B	75mA	180W	155 lm /w	27900 lm						>100,000 (L70)
4	ZGSM-GCD160H4B ZGSM-FGD160H4B	50mA	160W	165 lm /w	26400 lm						>100,000 (L70)
	ZGSM-GCD200H5B ZGSM-FGD200H5B	58mA	200W	160 lm /w	32000 lm						>100,000 (L70)
	ZGSM-GCD240H6B ZGSM-FGD240H6B	75mA	240W	155 lm /w	37200 lm						>100,000 (L70)
	ZGSM-GCD200H4B ZGSM-FGD200H4B	50mA	200W	165 lm /w	33000 lm	>100,000 (L70)					
5	ZGSM-GCD240H5B ZGSM-FGD240H5B	61mA	240W	160 lm /w	38400 lm	>100,000 (L70)					

*1 Model of Bay Light: ZGSM-GCDXXHXB | Model of Flood Light: ZGSM-FGDXXHXB.

*2 Luminous Efficacy of 3000K is 5% lower than other CCTs.

SERIES-HB

LED BAY/FLOOD LIGHTS

PRODUCT CATALOG

★ 3535 Version

Number of Modules	Model*1	LED Working Current	Power	Luminaire Efficacy (+/- 5%)	Lumen Output (+/- 5%)	Input Voltage	LED Brand	Driver Brand	Light Distributions	CCT (K)	Lifetime (h)
1	ZGSM-GCD40H4B ZGSM-FGD40H4B	860mA	40W	110 lm /w	4400 lm	100-240V /277V AC 50 /60Hz	Philips Lumileds Luxeon TX	MeanWell Inventronics	60° 90° 110°	3000*2 4000 5000 5700	>100,000 (L70)
2	ZGSM-GCD80H4B ZGSM-FGD80H4B	900mA	80W	110 lm /w	8800 lm						>100,000 (L70)
3	ZGSM-GCD120H4B ZGSM-FGD120H4B	900mA	120W	110 lm /w	13200 lm						>100,000 (L70)
4	ZGSM-GCD160H4B ZGSM-FGD160H4B	900mA	160W	110 lm /w	17600 lm						>100,000 (L70)
5	ZGSM-GCD200H4B ZGSM-FGD200H4B	900mA	200W	110 lm /w	22000 lm						>100,000 (L70)
6	ZGSM-GCD240H4B ZGSM-FGD240H4B	900mA	240W	110 lm /w	26400 lm						>100,000 (L70)

*1 Model of Bay Light: ZGSM-GCDXXHXB | Model of Flood Light: ZGSM-FGDXXHXB.

*2 Luminous Efficacy of 3000K is 5% lower than other CCTs.

Working Environment & Packing

Number of Modules	Working Environment	Storage Temperature	Rating	CRI	Power Factor	Power Efficiency	Material	Product Dimensions (mm)	Carton Size (mm)	N.W (kg)	G.W (kg)
1	-40 °C ~ +50 °C 10% ~ 90%RH	-40 °C ~ +50 °C	Class I IP66 IK10	>70	>0.95	>90%	Housing: Aluminium Alloy; Lens: PC	166*270*165(Bay Light) 166*270*190(Flood Light)	285*370*200	2.4	3.1
2								239*270*165(Bay Light) 239*270*227(Flood Light)	355*370*200	3.6	4.4
3								312*270*165(Bay Light) 312*270*263(Flood Light)	430*370*200	4.5	5.4
4								385*270*165(Bay Light) 385*270*300(Flood Light)	505*370*200	5.4	6.3
5								458*270*165(Bay Light) 458*270*336(Flood Light)	580*370*200	6.3	7.2
6								531*270*165(Bay Light) 531*270*373(Flood Light)	650*370*200	7.1	8.1

Note: Above data of weight are all typical values.

Certification

Manufacturer
ISO9001, ISO14001
HB Series [ZGSM-GCD40H4B, ZGSM-GCD80H4B, ZGSM-GCD120H4B, ZGSM-GCD160H4B, ZGSM-GCD200H4B, ZGSM-GCD240H4B]
HB Series [ZGSM-FGD40H4B, ZGSM-FGD80H4B, ZGSM-FGD120H4B, ZGSM-FGD160H4B, ZGSM-FGD200H4B, ZGSM-FGD240H4B]
CE, ROHS, GS, CB, SAA, UL, cUL, DLC, LM79, LM80
H4B/H5B Series [ZGSM-GCD40H4B, ZGSM-GCD80H4B, ZGSM-GCD120H4B, ZGSM-GCD160H4B, ZGSM-GCD200H4B ZGSM-GCD50H5B, ZGSM-GCD100H5B, ZGSM-GCD150H5B, ZGSM-GCD200H5B, ZGSM-GCD240H5B]
H4B/H5B Series [ZGSM-FGD40H4B, ZGSM-FGD80H4B, ZGSM-FGD120H4B, ZGSM-FGD160H4B, ZGSM-FGD200H4B ZGSM-FGD50H5B, ZGSM-FGD100H5B, ZGSM-FGD150H5B, ZGSM-FGD200H5B, ZGSM-FGD240H5B]
CE, ROHS, LM80
H6B Series [ZGSM-GCD60H6B, ZGSM-GCD120H6B, ZGSM-GCD180H6B, ZGSM-GCD240H6B ZGSM-FGD60H6B, ZGSM-FGD120H6B, ZGSM-FGD180H6B, ZGSM-FGD240H6B]
CE, ROHS, LM80