24
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23

WEILINMA
威麟马电子

宁波威麟马电子有限公司
NINGBO WEILINMA ELECTRONICS CO.,LTD.

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宁波威麟马电子有限公司
NINGBO WEILINMA ELECTRONICS CO.,LTD.

宁波威麟马电子有限公司,成立于1989年,是浙江省宁波市专精特新企业和高新技术企业,专业从事照明行业和电子通信行业产品的研发、生产和销售。公司配备先进的专业自动化生产线,具有从原材料到成品"一站式"电子工业产品的研发及制造能力。

公司始终坚持高质量产品路线,与中高端客户合作,产品销售区域覆盖全球。公司注重技术更新,以保持不衰的市场竞争力,已拥有多个自主知识产权的专利产品和多项实用新型、外观设计专利。

公司一贯秉承"质量第一,客户至上"的服务宗旨,竭诚欢迎国内外客商与我们接洽,共创双赢!

Ningbo Weilinma Electronics Co., LTD., founded in 1989, is a SRDI and high-tech enterprise in Ningbo, Zhejiang Province, specializing in the development, production and sales of lighting industry and electronic communication industry products. The company is equipped with advanced professional automated production lines, and has the R&D and manufacturing capabilities of "One-Roof" electronic industrial products from raw materials to finished products.

The company always focuses on high-quality, cooperates with middle and high-end customers, and the product sales globally. Meanwhile, the company also focuses on technology innovation to maintain market competitiveness, and has a number of patented products with independent intellectual property and many practicability and design patents.

The company has always been adhering to the rule of "Quality First, Customer First". We sincerely welcome worldwide customers to contact us, and achieve a win-win result!

T5支架灯

技术参数 Technical Specification

长度 Length (mm)	325	585	885	985	1185
宽度 width(mm)			21		
高度 Heigth(mm)			32.5		
色温 CCT(K)			3000/4000/6500(其它色温可定制)		
输出流明 Output Lumen(lm)@4000K	300	600	900	1000	1200
透光罩材质 Diffuser Material			PC		
灯体材质 Housing Material			PC		
输入电压 Input Voltage			220-240V AC,50/60Hz		
功率 Power(W)	3.4	6.5	9.6	11	13
温度范围 Operating Temperature			-20℃ to +40℃		
防护等级 Level of Protection			IP20,IK02,Class II		
符合标准 Meet the standards			EN IEC60598,EN 62493;GB7000.1,GB7000.201,GB17625.1,GB17743		

T8支架灯

技术参数 Technical Specification

| 长度 Length (mm)	574		1174
宽度 width(mm)		28.4	
高度 Heigth(mm)		35.7	
色温 CCT(K)		3000/4000/6500(其它色温可定制)	
输出流明 Output Lumen(lm)@4000K	1600		3200
透光罩材质 Diffuser Material		PC	
灯体材质 Housing Material		PC	
输入电压 Input Voltage		220-240V AC,50/60Hz	
功率 Power(W)	16		32
温度范围 Operating Temperature		-20℃ to +40℃	
防护等级 Level of Protection		IP20,IK02,Class II	
符合标准 Meet the standards		EN IEC60598,EN 62493;GB7000.1,GB7000.201,GB17625.1,GB17743	

三防灯-A
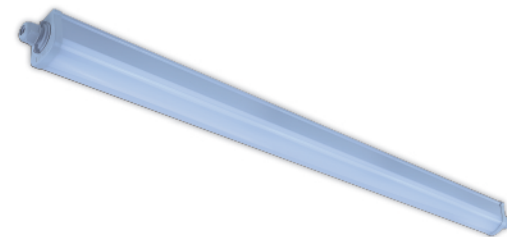
技术参数 Technical Specification

| 长度 Length (mm)	618	1218	1518
宽度 width(mm)		68.5	
高度 Heigth(mm)		76.5	
色温 CCT(K)		4000(其它色温可定制)	
输出流明 Output Lumen(lm)@4000K	2300	3000/5100	3800/6700
透光罩材质 Diffuser Material		PC	
灯体材质 Housing Material		PC	
输入电压 Input Voltage		220-240V AC,50/60Hz	
功率 Power(W)	15	22/38	28/52
温度范围 Operating Temperature		-20℃ to +40℃	
防护等级 Level of Protection		IP65,IK08,Class II	
符合标准 Meet the standards		EN IEC60598,EN 62493;GB7000.1,GB7000.201,GB17625.1,GB17743	

三防灯-B
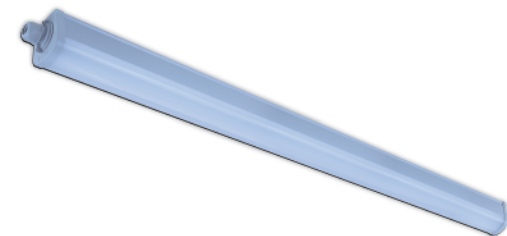
技术参数 Technical Specification

长度 Length (mm)	585	1185	1485
宽度 width(mm)		68.5	
高度 Heigth(mm)		76.5	
色温 CCT(K)		4000(其它色温可定制)	
输出流明 Output Lumen(lm)@4000K	2300	3000/5100	3800/6700
透光罩材质 Diffuser Material		PC	
灯体材质 Housing Material		PC	
输入电压 Input Voltage		220-240V AC,50/60Hz	
功率 Power(W)	19	22/38	28/52
温度范围 Operating Temperature		-20℃ to +40℃	
防护等级 Level of Protection		IP65,IK08,Class II	
符合标准 Meet the standards		EN IEC60598,EN 62493;GB7000.1,GB7000.201,GB17625.1,GB17743	

三防灯-C

技术参数 Technical Specification

长度 Length (mm)	600	1200
宽度 width(mm)		68
高度 Heigth(mm)		60
色温 CCT(K)		4000(其它色温可定制)
输出流明 Output Lumen(lm)@4000K	1800	3600
透光罩材质 Diffuser Material		PC
灯体材质 Housing Material		PC
输入电压 Input Voltage		220-240V AC,50/60Hz
功率 Power(W)	18	36
温度范围 Operating Temperature		-30℃ to +45℃
防护等级 Level of Protection		IP65,IK06,Class II
符合标准 Meet the standards		EN IEC60598,EN 62493;GB7000.1,GB7000.201,GB17625.1,GB17743

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埋地灯 -A

技术参数 Technical Specification

长度 Length (mm)	Φ153x137	142x142x137	
宽度 width(mm)		68	
高度 Heigth(mm)		50	
色温 CCT(K)		4000(其它色温可定制)	
输出流明 Output Lumen(lm)@4000K	55	55	
透光罩材质 Diffuser Material		玻璃	
灯体材质 Housing Material		ADC12	
输入电压 Input Voltage		220-240V AC,50/60Hz	
功率 Power(W)	3	3	
温度范围 Operating Temperature		-20℃ to +40℃	
防护等级 Level of Protection		IP67,IK10,Class I	
符合标准 Meet the standards		EN IEC60598,EN 62493;GB7000.1,GB7000.201,GB17625.1,GB17743	

埋地灯 -B

技术参数 Technical Specification

| 长度 Length (mm)	Φ100	Φ120	Φ140	Φ180
色温 CCT(K)			4000(其它色温可定制)	
输出流明 Output Lumen(lm)@4000K	210	540	1200	1800
透光罩材质 Diffuser Material			玻璃	
灯体材质 Housing Material			ADC12	
输入电压 Input Voltage			220-240V AC,50/60Hz	
功率 Power(W)	3	6	12	18
温度范围 Operating Temperature			-20℃ to +40℃	
防护等级 Level of Protection			IP67,IK10,Class I	
符合标准 Meet the standards			EN IEC60598,EN 62493;GB7000.1,GB7000.201,GB17625.1,GB17743	

线条灯
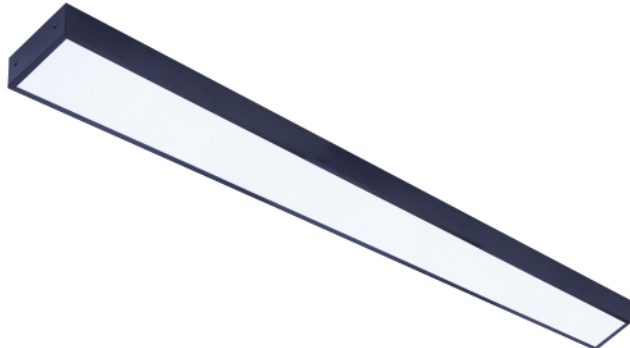
技术参数 Technical Specification

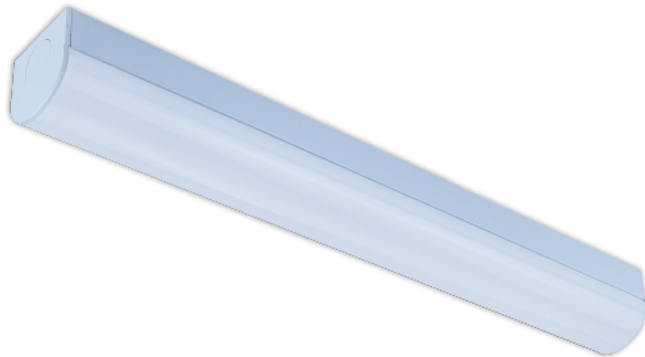| 长度 Length (mm)	600	1200
宽度 width(mm)	70/100/120	
高度 Heigth(mm)	50	
色温 CCT(K)	3000/4000/6500(其它色温可定制)	
输出流明 Output Lumen(lm)@4000K	1300/.../1500	2600/2900/3000
透光罩材质 Diffuser Material	PC	
灯体材质 Housing Material	SPCC	
输入电压 Input Voltage	220-240V AC,50/60Hz	
功率 Power(W)	14/.../17	28/32/34
温度范围 Operating Temperature	-20℃ to +40℃	
防护等级 Level of Protection	IP20,IK02,Class I	
符合标准 Meet the standards	EN IEC60598,EN 62493;GB7000.1,GB7000.201,GB17625.1,GB17743	

线条灯

技术参数 Technical Specification

长度 Length (mm)	600	1135	1450	1750
宽度 width(mm)		65		
高度 Heigth(mm)		65		
色温 CCT(K)		3000/4000/6500(其它色温可定制)		
输出流明 Output Lumen(lm)@4000K	2200	6400	8000	10000
透光罩材质 Diffuser Material		PC		
灯体材质 Housing Material		SPCC		
输入电压 Input Voltage		220-240V AC,50/60Hz		
功率 Power(W)	17	49	59	75
温度范围 Operating Temperature		-20℃ to +40℃		
防护等级 Level of Protection		IP40(Light source cavity)/IP20,IK03,Class I		
符合标准 Meet the standards		EN IEC60598,EN 62493;GB7000.1,GB7000.201,GB17625.1,GB17743		

大功率电源

技术参数 Technical Specification

型号(Type)	产品名称(Type)	功率/P	输入电压 Un	输出模式 Uout	频率/fn	Tc	ta	IP	Life time (寿命)	Approval (认证)
WLM-100W-3H1-C1		100W(48V/2.2A)								
WLM-150W-3H1-C1	0-10V隔离调光驱动	150W(48V/3.2A)		恒流恒压/ C.V、C.C						
WLM-150W-3H1-C1		200W(48V/4.2A)								
WLM-100W-3H1-B1		100W (200V/0.5A)								
WLM-150W-3H1-B1	0-10V非隔离调光驱动	150W (200V/0.75A)	100-240VAC	恒流/C.C	50/60Hz	85℃	-20℃…+50℃	66	>30,000h @40℃	CE CCC
WLM-200W-3H1-B1		200W (200V/1.0A)								
WLM-100W-3H1-A1		100W (48V/2.2A)								
WLM-150W-3H1-A1	NFC+3H1隔离调光驱动	150W (48V/3.2A)		恒流恒压/ C.V、C.C						
WLM-200W-3H1-A1		200W (48V/4.2A)								

大功率电源

技术参数 Technical Specification

型号(Type)	功率/P	输出电压 Input voltage	输出模式 Out type	频率/fn	Tc	ta	Dimension (L*W*H)(尺寸)
WLM-CV-35W	35W						99*82*30mm
WLM-CV-50W	50W						99*82*30mm
WLM-CV-75W	75W	100-240VAC	恒压/C.V	50/60Hz	80℃	-20…+70℃	99*97*30mm
WLM-CV-100W	100W						129*97*30mm
WLM-CV-150W	150W						159*97*30mm

电子变压器
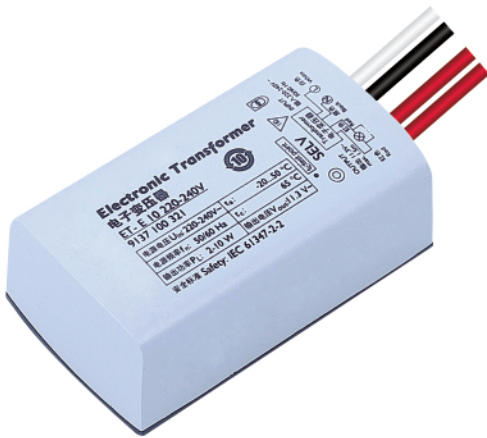
技术参数 Technical Specification

型号(Type)	功率/P	电源电压Un	输出电压Uout	频率/fn	Tc	ta	安全标准/Safety	认证 Approbation	Dimension (L*W*H)(尺寸)
ETC-10	2-10W	220-240V~	11.3V~						76x38x30.6mm
ET-E15	2-15W	110-127V~	11.3V~	50/60Hz	65℃	-20…+50℃	IEC 61347 2 2	SELV, CB	76x38x24.5mm
ET-E30	2-30W	220-240V~	11.3V~						76x38x24.5mm
ET-E60	20-50W	220-240V~	11.3V~						76x38x31mm

电子变压器

技术参数 Technical Specification

	ET-E15 220V
Input voltage	220 V, 50..60 Hz
Power factor	0.7 @220V 50HZ(for 1 5W Halogen lamp)
Output Power	2-15W
Output Voltage	11.3V -5% ~ +5% @ 220V(for 15W Halogen lamp)
Load Current	1.25Arms MAX (To be test)
Dimensions	LxWxH:76x38x24.5(mm)
Safety	According IEC 61347-2-2
Approbation	SELV
Tcase	65℃
Ambient temperature ballast	0℃ to + 50℃

天棚灯

优势

◆采用亚克力透镜设计,有60度,90度和120度三款角度供选择。

◆内置IP65接线盒,可以实现快速安装。

◆具有优良热效率的气流设计。

◆CCT(3000/4000/6400K可以任意切换)(可选)。

◆光效160lm/W。

应用

◆通用行业应用

◆仓库

◆大型零售商

◆展览中心

◆车间

◆室内游泳馆

Benefits

◆Acrylic lens,with 60 degrees,90 degrees and 120 degrees of angle to select.

◆Built-in junction box with IP65, can be installed quickly.

◆Air flow design with excellent thermal efficiencies.

◆CCT(3000/4000/6400K It can be switched over arbitrarily)（optional).

◆Improved efficiency of up to 160lm/W.

Application

◆General industry application

◆High rack warehouse

◆Large retailers

◆Exhibition centers

◆Workshop

◆Indoor natatorium

◆Etc.

技术参数 Technical Specification

型号Item No.	WHBA100A
	WHBA150A
	WHBA200A
光源Light Source	LED
功率Power(W)	WHBA100A: 100
	WHBA150A: 150
	WHBA200A: 200 or 240
输出流明Output Lumen(lm)（@4000K)	WHBA100A: 14,000
	WHBA150A: 21,000
	WHBA200A: 28,000 or 33,600
显色性CRI	≥80
色温CCT(K)	3000, 4000, 6500 (CCT is optional)
光源是否可更换Light Source Replaceable	No
驱动器Driver	External (Non-Isolated Driver)
输入电压Input Voltage	220- 240V, 50/60Hz
	100-277V, 50/60Hz
功率因数Power factor	>0.95
浪涌保护Surge Protection	Up to 4 KV as standrad (Performance Criteria:B)
寿命Life(Hrs)	5,0000 @L70B50

防护等级Level of Protection	Ip65, IK08, Class I
调光性Dimming	No
	0-10V & Built-in 3 in 1 dimming function
	(0-10V dc, 1-10Vdc,PWM, Resistor)
控制系统输入 Controls system input	Microwave Motion Sensor
材料Material	Housing: Die-cast aluminum
	Optic: Polycarbonate(PC)
光束角Beam Angle	Narrow beam(60°)
	Medium beam(90°)
	Wide beam(120°)
安装方式Installation	Hook/ pendant
	Wall mounting
	(U-shaped mounting bracket)
	Installation can be increased Al reflector
温度范围 Operating Temperature	-30℃ to +45℃
符合标准Meet the Standards	CB CE Rohs Reach

泛光灯

产品特点

◆内置IP65接线盒,可以实现快速安装。

◆兼容可插拔感应器和CCT拨码调色,帮客户大大优化仓库的库存。

◆倾斜的支架,可以免拆螺丝,安装更方便。

Product features

◆Built-in junction box with IP65, can be installed quickly.

◆Compatible with pluggable sensor and CCT (3000K/4000K/6400K),can be greatly optimize the inventory.

◆Bevel bracket can adjust angle while installation is more convenient.

技术参数 Technical Specification

长Lenght(mm)	127	164	200	230	335	400	400
宽Width(mm)	44	46	46	47	54	59	59
高Heigth(mm)	120	154	197	222	265	320	320
色温CCT(K)				3000-6500K			
流明Luminous Flux(lm)	1000	2000	3000	5000	10000	15000	20000
材质Material				Al+Glass			
输入电压Voltage(V)				AC220-260V/50/60Hz			
功率Power(W)	10	20	30	50	100	150	200
寿命Lifespan(H)				25000			
防护等级Waterproof Rate				IP65/IK08			

免维护防爆灯（路灯型）

适用范围：

◆适用于节能改造项目及检修更换困难的场所。

◆适用于含有腐蚀性气体、潮湿、防护要求较高的环境场所。

◆适用于加油站、化工厂、液化站、加气站、炼油厂等危险场所作远距离泛光照明及路灯照明之用。

结构性能：

◆铝合金压铸壳体，表面高压静电喷塑。

◆高防护性能的不锈钢外露紧固件。

◆专业光学软件设计的二次配光系统，光束分配合理，照度均匀，反射效率、利用效率高。

◆透明件采用钢化玻璃，透光率高，抗冲击能力强。

◆光源采用高亮度灯珠，光通量高，使用寿命长。

◆独特设计了调节角度机构，可根据用户需要调节照射角度。

◆安装方式多样，有支架式与马路灯式，满足不同场所使用需要。

Scope of application:

◆Suitable for energy-saving renovation projects and places where maintenance and replacement are difficult.

◆Suitable for environments containing corrosive gases, humidity, and high protection requirements.

◆Suitable for long-distance flood lighting and street lighting in dangerous places such as gas stations, chemical plants, liquefaction stations, gas stations, and oil refineries.

Structural properties:

◆Aluminum alloy die-casting shell, high-voltage electrostatic spraying on the surface.

◆Stainless steel exposed fasteners with high protection performance.

◆The secondary light distribution system designed by professional optical software has reasonable beam distribution, uniform illumination, high reflection efficiency and utilization efficiency.

◆The transparent parts are made of toughened glass, which has high light transmittance and strong impact resistance.

◆The light source adopts high-brightness lamp beads, with high luminous flux and long service life.

◆The unique design of the adjustment angle mechanism can adjust the irradiation angle according to the needs of users.

◆Various installation methods, including bracket type and road lamp type, to meet the needs of different places.

技术参数 Technical Specification

参数名称	数值	参数名称	数值
光源类型	LED光源	光源工艺	SMD贴片式
外壳防护等级	IP65	外壳防腐等级	WF2
功率因数	≥0.95	电源效率	≥0.88
进线口规格	Φ60	光源色温	5500K～6500K
外形尺寸	645×315×90mm	灯具重量	11.0Kg
推荐安装高度	6～10m	推荐安装距离	8～12m
防爆标志	Exde II C T6 Gb/Ex tD A21 IP65 T80℃		
安装方式	马路灯杆式（单臂/双臂）		

功率范围 Power Range

额定电压	额定功率	光通量	光源使用寿命
	120W	12000Lm	≥50000h
	140W	14000Lm	≥50000h
AC85V～265V/50Hz	150W	15000Lm	≥50000h
	180W	18000Lm	≥50000h
	200W	20000Lm	≥50000h

免维护防爆灯（路灯型）

Scope of application:

◆ Suitable for road lighting in inflammable and explosive places such as chemical plants, oil fields, transfer stations, petroleum, gas stations, gas stations, liquefaction stations, gas stations, gas ports and large factories.

Structural properties:

◆ Designed and manufactured completely in accordance with explosion-proof requirements, it can work safely and reliably in inflammable and explosive hazardous places.

◆ The shell is made of high-strength aluminum alloy die-casting, the surface is sprayed with high-voltage electrostatic, waterproof and dustproof.

◆ All exposed fasteners are made of stainless steel, which is safe and reliable.

◆ The secondary light distribution system designed by professional optical software has reasonable beam distribution, uniform illumination, uniform reflection, high reflection efficiency and utilization rate.

◆ Transparent cover made of PC material, with high light transmittance and strong impact resistance.

◆ Special constant current and constant voltage power supply, wide voltage input, constant power output, with constant current, open circuit protection, short circuit protection and other functions.

◆ Modular structure design, fully sealed LED components, can be combined with different powers as needed.

◆ Uniquely designed to adjust the lighting angle to meet user needs.

适用范围：

◆适用于化工厂、油田、中转站、石油、加油站、加气站、液化站、燃气站、港口及大型厂区等易燃易爆场所道路照明使用需要。

结构性能：

◆完全按防爆要求设计制造，能在易燃易爆危险场所安全可靠工作。

◆外壳采用高强度铝合金压铸成型，表面高压静电喷塑，防水防尘。

◆外露紧固件均使用不锈钢材质，安全可靠。

◆专业光学软件设计的二次配光系统，光束分配合理，照度均匀，反射均匀，反射效率、利用率高。

◆PC材料成型透明罩，透光率高，抗冲击能力强。

◆特制的恒流恒压电源，宽电压输入，恒功率输出，具有恒流、开路保护、短路保护等功能。

◆模块化结构设计，LED组件全密封，可更具需要随意组合不同功率。

◆独特设计了调节照明角度，可满足用户需求。

技术参数 Technical Specification

规格型号	单模	双模	三模	四模
防爆标志	Exde II C T6 Gb/Ex tD A21 IP65 T80℃			
额定电压	AC85V～265V			
频率范围	50/60Hz			
功率范围	30W～60W	100W～120W	150W～180W	200W～240W
光通量	3000～6000Lm	10000～12000Lm	15000～18000Lm	20000～24000Lm
功率因数	≥0.90			
电源效率	≥0.80			
外壳防护等级	IP65			
外壳防腐等级	WF2			
光源色温	5500K～6500K			
光源类型	LED光源/SMD贴片式			
光源使用寿命	≥50000h			
灯杆口径	Φ60			
外形尺寸	300×270×105mm	310×410×90mm	310×540×90mm	310×680×90mm
产品重量	3.8Kg	6.0Kg	9.8Kg	13.0Kg
推荐安装高度	3～5m	5～7m	6～9m	6～10m
推荐安装距离	4～6m	5～8m	8～10m	9～15m
安装方式	马路灯杆式（单臂/双臂）			

免维护防爆灯

适用范围：

◆适用于各种室内、室外温度组别T1～T6易燃易爆场所。

◆适用于爆炸性气体环境的1区、2区场所。

◆适用于可燃性粉尘环境20区、21区、22区场所。

◆适用于ⅡA、ⅡB、ⅡC类爆炸性气体环境。

◆适用于各种平台、加油站、加气站、液化站、港口、车间、化工、石化装置区、中转站、控制室、泵房等易燃易爆场所固定照明的需要。

结构性能：

◆防爆灯外壳采用铝合金压铸成型，具有强度高、散热性能好等特点；表面高压静电喷塑，产品具有较高的防腐性能。

◆采用高亮度LED光源，配合高效率恒流驱动电源，比气体放电灯节电达60%；LED组件全部密封，防水防尘，无需内部清洁和维护。

◆采用高效率防水恒流驱动电源，具有光通量补偿功能，减少光衰，保证LED光源的光效；具有过压保护、过电流保护及突波电流保护功能。

◆反光板采用纳米新型材料一次性成型，大大提高了灯具反光率，灯光的漫反射使得灯具光线更柔和、照度更均匀，显色性高。

◆电路铝基板紧贴铝合金壳体，可将点热源瞬间转换为面热源，散热面积成倍增加，利于热量迅速分散，提高散热效率；壳体表面具有气流分散沟槽，借助空气流动带走热量；散热鳍片密度高，大大提高散热面积，充分保证LED的散热要求，使用寿命更长。

Scope of application:

◆ Suitable for various indoor and outdoor temperature groups Tl ~ T6 inflammable and explosive places.

◆ Applicable to areas 1 and 2 in explosive gas atmospheres.

◆ Applicable to areas 20, 21, and 22 in combustible dust environments.

◆ Applicable to ⅡA, ⅡB, ⅡC explosive gas atmospheres.

◆ Applicable to various platforms, gas stations, gas stations, liquefaction stations, ports, workshops, chemical and fossil plant areas, transfer stations, control rooms, pump rooms and other inflammable and explosive places for fixed lighting 。

Structural properties:

◆ The shell of the explosion-proof lamp is made of aluminum alloy die-casting, which has the characteristics of high strength and good heat dissipation; the surface is sprayed with high-voltage electrostatic, and the product has high anti-corrosion performance.

◆ Adopt high-brightness LED light source, cooperate with high-efficiency constant-current drive power supply, save electricity up to 600/o compared with gas discharge lamp; LED components are all sealed, waterproof and dustproof, no need for internal cleaning and maintenance.

◆ Adopt high-efficiency waterproof constant current drive power supply, with luminous flux compensation function, reduce light attenuation, ensure the light efficiency of LED light source; with overvoltage protection, overcurrent protection and surge current protection functions.

◆ The reflective plate is made of new nano-materials at one time, which greatly improves the light reflection rate of the lamp. The diffuse reflection of the light makes the light of the lamp softer, more uniform in illumination, and high in color rendering.

◆ The aluminum substrate of the circuit is closely attached to the aluminum alloy shell, which can instantly convert the point heat source into a surface heat source, and the heat dissipation area is doubled, which is conducive to the rapid dissipation of heat and improves the heat dissipation efficiency; Heat: The high density of heat dissipation fins greatly increases the heat dissipation area, fully guarantees the heat dissipation requirements of the LED, and has a longer service life.

技术参数 Technical Specification

参数名称	数值	参数名称	数值
光源类型	LED光源	光源工艺	SMD贴片式
外壳防护等级	IP65	外壳防腐等级	WF2
功率因数	≥0.95	电源效率	≥0.88
进线口规格	G3/4"(Φ6～Φ12mm)	光源色温	5500K～6500K
外形尺寸	446×306×166mm	灯具重量	12.9Kg
推荐安装高度	6～12m	推荐安装距离	5～8m
防爆标志	Exde ⅡC T6 Gb/Ex tD A21 IP65 T80℃		
安装方式	吸顶式(x)、座式(z)、壁挂式(b)		

功率范围 Power Range

额定电压	额定功率	光通量	光源使用寿命
AC85V～265V/50Hz	120W	12000Lm	≥50000h
	140W	14000Lm	≥50000h
	150W	15000Lm	≥50000h
	180W	18000Lm	≥50000h
	200W	20000Lm	≥50000h

免维护防爆灯(荧光灯)

适用范围：

◆适用于爆炸性气体环境1区、2区。

◆适用于可燃性粉尘环境21区、22区。

◆适用于ⅡA、ⅡB级爆炸性气体环境。

◆广泛适用于石油、石化、化工企业等外场大面积泛光照明场所和各种钻井作业现场、场地照明所作为大面积泛光照明。

◆广泛适用于油田联合站外场、集气站外场、钻井板房外场照明，以及装置补充照明。

结构性能：

◆灯具采用复合型防爆结构及IP65防护等级，具备优异的防爆防护性能。

◆电源外壳采用铝合金高压压铸成型，表面高压静电喷塑。

◆高纯铝型材光源腔外壳，表面氧化处理，导热性能好，防腐性能好，不容易粘附油污。

◆采用高质量LED光源，比荧光灯节能50%以上。

◆专业精确配光设计，最大化提高光线一次反射率，从而使灯具效率大大提高。

◆特制的恒流恒压电源，宽电压输入，恒功率输出，具有分流、恒流、开路、短路等保护功能。

◆可配装一体式应急，当供电电源断电时，灯具自动切换到应急照明状态。

Scope of application:

◆Suitable for zone 1 and zone 2 of explosive gas atmosphere.

◆Suitable for zone 21 and zone 22 in combustible dust environment.

◆Suitable for IIA, IIB explosive gas atmosphere.

◆It is widely used in petroleum, petrochemical, chemical enterprises and other outfield large-area floodlighting sites,

◆as well as various drilling operation sites and site lighting. Field lighting, and supplementary lighting for installations.

Structural properties:

◆The lamp adopts composite explosion-proof structure and IP65 protection level, which has excellent explosion-proof protection performance.

◆The power supply shell is made of aluminum alloy high-pressure die-casting, and the surface is high-voltage electrostatic sprayed plastic.

◆High-purity aluminum profile light source chamber shell, surface oxidation treatment, good thermal conductivity, good anti-corrosion performance, not easy to adhere to oil stains.

◆High-quality LED light source is used, which saves more than 50% energy than fluorescent lamps.

◆Professional and precise light distribution design maximizes the primary reflectance of light, thereby greatly improving the efficiency of the lamp.

◆Special constant current and constant voltage power supply, wide voltage input, constant power output, with shunt, constant current, open circuit, short circuit and other protection functions

◆Can be equipped with an integrated emergency, when the power supply is cut off, the lamp will automatically switch to the emergency lighting state

技术参数 Technical Specification

额定功率	20W	40W	60W
光通量	≥130Lm/W	≥130Lm/W	≥130Lm/W
产品重量	2.5Kg	2.9Kg	3.6Kg
额定电压	AC85V~265V/50Hz		
防爆标志	Exde ⅡC T6 Gb/Ex tD A21 IP65 T80℃		
防护等级	IP65		
防腐等级	WF2		
功率因数	≥0.95		
进线口螺纹	G 3/4"		

LED三防平台灯

适用范围：

◆适用于铁路、电力、冶金、石油石化及各类厂区、车间、场站、电厂和大型设施、场馆等场所泛光照明的需求。

结构性能：

◆外壳采用优质铝合金压铸成型，强度高；表面高压静电喷涂处理，耐腐蚀。

◆选用品牌LED光源，光效高，显色性高、光衰小、能耗低、无闪烁，超长使用寿命，免维护，无需后续使用成本。

◆科学的配光设计，光效高、利用率高，照射面积大，360°全方位照明，照度均匀；光线柔和，无眩光，有效的避免了工作人员的视觉疲劳。

◆光源腔部分设计为独立成腔，灯具散热性好，延长光源使用寿命。

◆采用一体式设计，方便现场安装和维修并简化了现场布线。

◆光源组件、反射器组件、电源模块等均采用标准块设计，方便更换。

◆科学的密封结构设计，特制的密封条及嵌入方式，具有良好的防水防尘性能，可在恶劣的环境下使用。

◆外形美观，操作简单方便，可采用吸顶式、吊杆式、壁挂式、弯杆式、护栏式等多安装方式。

Scope of application:

◆ Applicable to the flood lighting needs of railway power, metallurgy, petroleum and petrochemical industries, various factories, workshops, stations, power plants, large facilities, and venues.

Structural properties:

◆ The shell is made of high-quality aluminum alloy die-casting, with high strength; the surface is treated with high-voltage electrostatic spraying, which is corrosion-resistant.

◆ Branded LED light source is selected, with high luminous efficiency, high color rendering, low light decay, low energy consumption, no flickering, long service life, maintenance-free, and no subsequent use costs.

◆ Scientific light distribution design, high light efficiency, high utilization rate, large irradiation area, 360° omni-directional lighting, uniform illumination; soft light, no glare, effectively avoiding the visual fatigue of the staff.

◆ The light source cavity is designed as an independent cavity, which has good heat dissipation and prolongs the service life of the light source.

◆ The one-piece design is convenient for on-site installation and maintenance and simplifies on-site wiring.

◆ Light source components, reflector components, power modules, etc. are all designed with standard blocks for easy replacement.

◆ Scientific sealing structure design, special sealing strip and embedded method, have good waterproof and dustproof performance, and can be used in harsh environments.

◆ Beautiful appearance, simple and convenient operation, and can be installed in various installation methods such as ceiling type, suspension rod type, wall-mounted type, curved rod type, and guardrail type.

技术参数 Technical Specification

参数名称	数值	参数名称	数值
光源类型	LED光源	光源工艺	SMD贴片式
外壳防护等级	IP65	进口螺纹	G3/4"
外壳防腐等级	WF2	电缆外径	Φ6～Φ12mm
功率因数	≥0.95	电源效率	≥0.88
产品重量	2.5Kg	外形尺寸	Φ215×220mm
安装方式	吸顶式(x)、吊杆式(g)、壁挂式(b30°/b90°)、护栏式(h)、法兰式(f)		

功率范围 Power Range

额定电压	额定功率	光通量	光源使用寿命
AC85V～265V/50Hz	30W	3000lm	≥50000h
	40W	4000lm	≥50000h
	50W	5000lm	≥50000h
	60W	6000lm	≥50000h
备注：DC12V·DC24V·DC36V为选配电压；采购时请说明			

LED三防投（泛）光灯

适用范围：

◆适用于各类厂区、变电站外场、发电站、高顶厂房及港口等场所固定照明。

结构性能：

◆采用国际知名品牌CREE高亮度大功率LED灯珠作为光源。绿色环保、光效高、寿命长，平均寿命长达50000小时。

◆壳体采用优质铝合金压铸成型，表面高压静电喷塑处理，有效的提高了产品的整体防腐等级。

◆透镜采用高透光率进口PC材料，专业的配光设计，光线均匀柔和，具有投光型(60°)和泛光型(90°)两种配光型号，可以满足不同的场所照明的需要。

◆采用IP65以上防水电源，电源内部采用胶封设计，起到散热、防水作用，驱动的可靠性高。

◆整灯具备独立的散热系统，驱动为外置式，散热效率高，能有效的提高了灯具的使用寿命。

◆外壳的防护等级为IP65，可在室内、室外各种场所可靠工作。

◆灯具具有吸顶式、壁式、座式等多种安装方式，能满足各种不同照明现场的安装及使用。

Scope of application:

◆ It is suitable for fixed lighting in various factories, outfields of substations, power stations, high-ceiling factories and ports.

Structural properties:

◆ Adopt internationally renowned brand CREE high-brightness and high-power LED lamp beads as the light source. Green and environmental protection, high light efficiency, long lifespan, the average lifespan is up to 50000 hours.

◆ The shell is made of high-quality aluminum alloy die-casting, and the surface is treated with high-voltage electrostatic spraying, which effectively improves the overall anti-corrosion level of the product.

◆ The lens is made of imported PC material with high light transmittance, professional light distribution design, uniform and soft light, with two light distribution models of floodlight type (60 °) and flood light type (90 °), which can meet the lighting requirements of different places need.

◆ The waterproof power supply above IP65 is adopted, and the interior of the power supply is designed with rubber seal, which plays the role of heat dissipation and waterproof, and the reliability of the drive is high.

◆ The whole lamp has an independent heat dissipation system, the drive is external, and the heat dissipation efficiency is high, which can effectively improve the service life of the lamp.

◆ The protection grade of the shell is IP65, which can work reliably in various indoor and outdoor places.

◆ The lamps have various installation methods such as ceiling type, wall type, and seat type, which can meet the installation and use of various lighting sites.

技术参数 Technical Specification

规格型号	单模	双模	三模	四模
额定电压	AC85V～265V			
频率范围	50/60Hz			
功率范围	70W～100W	140W～200W	210W～300W	280W～400W
光通量	7000～10000Lm	14000～20000Lm	21000～30000Lm	28000～40000Lm
功率因数	≥0.90			
电源效率	≥0.80			
外壳防护等级	IP65			
外壳防腐等级	WF2			
光源色温	5500K～6500K			
光源类型	LED光源/SMD贴片式（透镜）			
光源使用寿命	≥50000h			
外形尺寸	310×140×130mm	310×285×130mm	310×430×130mm	620×285×130mm
产品重量	4.5Kg	7.5Kg	11.5Kg	16.5Kg
安装方式	吸顶式(x)、壁式(b)、座式(z)			

路灯

产品特点:

◆自主研发,简欧风格模组化路灯,可以搭配国标尺寸各种模组,从50W-400W 模组路灯全覆盖。

◆流线造型,风阻系数更小,扛台风能力更强,IP可以达到IP66防水等级。

◆上背有两卡扣免工县开启电源腔,可以带电维护,检查电源和内部控制器,维护方便,一把爆丝刀即可更换LED国标模组和电源,拆卸和维护更加方便。

◆优秀的自然对流设计理念,采用烟囱对流结构,模组化结构,以及散热有效面积显著加大,避免形成热堆积,显著提升散热性能。

◆多孔遮坐盖在散热和保护模组达到最优平衡,弧形背面,不易积水,积坐与积雪,自洁能力强。

◆标准国标模组通用,可以带电维护,各模组可单独更换维修,私模玻璃+透镜模组三种规格随意搭配,配光更方便,防止透镜积灰和黄变。

◆上有NEMA,ZHAGA接口,下有ZHAGA接口,电源线和调光线分独立进线孔,可以增加雷达运动感应和补光控制系统。

◆灯头手柄可调节正负15度,可垂直90度安装。

Product features:

◆Independentresearch and development, simple European style modular LED street light, it can bematched with various modulesofnational standard size, covering from 50W-400W module LED street lights.

◆Streamlined shape, less wind resistance, stronger ability to carry typhoons,IP6 waterprooflevel.

◆2 buckles on the upper back are used to open the power supply cavity without tools, which can be maintained with (electricity)power on, check the power supply and the internal controller, which is convenientfor maintenance; a screwdriver can replace theLED national standard module and power supply, which is more convenient for disassembly and maintenance.

◆Excellent natura convection desian concept chimney convection structure, modular structure, and sianificantly increase theeffective heat dissipation area, avoid the formation of heat accumulation, and sianificantly improve the heat dissipation performance.

◆The porous dust cover achieves the optimal balance between the heat dissipation and protection modules, and the curved back isnot easy to accumulate water, dust and snow, and has a strong self-cleaning ability.

◆The standardnational modules are universal and can be maintained with electricity (power on). Each module can be replaced andmaintained independently The three specifications of private mold glass + IED lens module can be matched at will, making lighidistribution more convenient and preventing theLED lensfrom accumulating dust and yellowing.

◆There are NEMA and ZHAGAinterfaces on the top and ZHAGA interfaces on the bottom. The power supply cable and the dimmincablehave independentinletholes. which canincrease theradar motion sensor and photocell control system.

◆The arm of the lamp holder can be adiusted by up-down 15 dearees. and it can be installed verticallv at 90 dearees.

技术参数 Technical Specification

型号	功率	尺寸	外壳防护等级
WLM15-110	100w	590*360*130	
WLM15-115	150w	670*360*130	
WLM15-120	200w	750*360*130	
WLM15-125	250w	830*360*130	66
WLM15-130	300w		
WLM15-135	350w	910*360*130	
WLM15-140	400w		

路灯

产品特点:

◆自主开发设计,简欧风格基础款式庭院灯。

◆极简主义,具有非常强的性价比方案。

◆4个/6个/9个透镜可选,瓦数30W-150W全覆盖,可以支持D60、D76杯径。

◆可拆卸结构设计,简化包装空间,节约包装和运输成本。

Product features:

◆Independently developed and designed, simple European style basic style garden lights.

◆Minimalism type, with a very strong costeffective solution.

◆4/6/9 LED lenses are available, wattage 30W-150W full coverage, can support D60, D76 rod diameter.

◆Detachable structure desian simplifies packaging space and saves packaging and transportation costs.

技术参数 Technical Specification

型号	功率	尺寸	外壳防护等级
	30W		
	40W		
	50W		
	60W		
WLM07	80W	450*450*523.5	65
	100W		
	120W		
	150W		

光源

WIFI

摄像头

显示屏

120x120(mm)
铝型材滑槽管

一键报警+无线充电
音响孔

5G美化罩

智慧照明

铝合金C槽　Q355B冷拔管　新型圆形滑槽管

Q355B冷拔管

圆形装饰管

4.5M
4M
2M
0M