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# Linear Lighting Inground Lighting Inwater Lighting





# **Linear Lighting**

Architectural landscape lighting fixtures achieve a comfortable environmental image through wall lighting. The optics and control are very simple, and it have the function of RGBW full-color and color temperature changed.

P6 **L-02** 

P10 **L-05** 

P14 **L-09** 

## **Overview** Linear Lighting

	L-02 P6 NEW	L-05 P10 NEW		
Power	12-60W	7-18W		
Light flux LM	1140→5700	665→1710		
Colour temperature K	2700 / 3000 / 4000	2700 / 3000 / 4000		
RGBW	•	•		
Tunable white 2700K-6000K	•	•		
DALI	•			
DMX	•	•		
Lengths (range cm)	326→1470	430→950		
Ceiling-mounted	•	•		
Wall-mounted	•	•		







单色白光

Monochromatic White: DMX

RGB变色 RGB: DMX

RGBW变色 RGBW: DMX









• 防紫外线聚氨酯塑粉喷涂表面,耐腐蚀可以达1000小时以上

• 挤出铝型材灯体,铝压铸端盖配高温硅胶密封条

• 可在地板、墙壁和天花板进行嵌入式安装 • 多种光学组件可选,适用于不同要求照明场合

• 灯具表面最高温度不超过50℃,安全可靠 • 所有外部螺钉均为304不锈钢材质 ● 灯具符合EN60598-1技术标准要求

• 超白丝印钢化玻璃,具有高视觉舒适性和均匀配光















2700K/3000K/4000K 输入电压: AC 110V-277V 功能选项: Switch / DMX

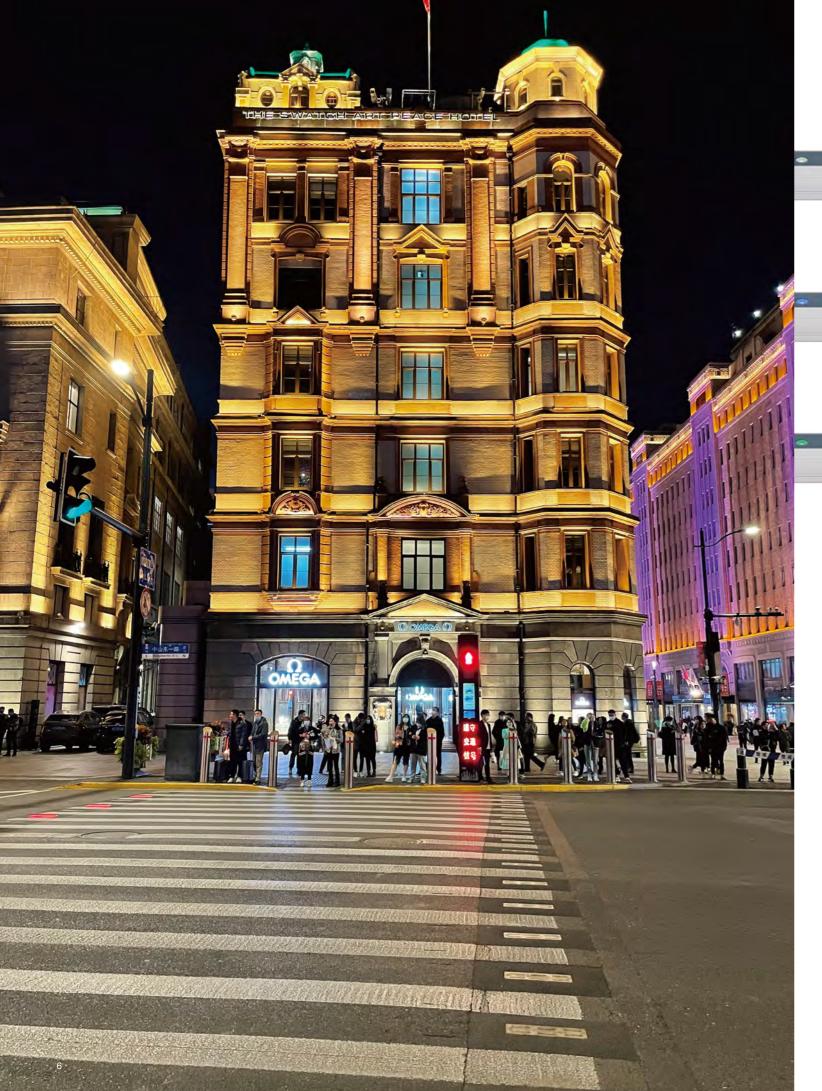
• Extrued aluminium body and flush end cover in die-casting complete with silicone gaskets.

- Super white tempered glass, with high visual comfort and uniform lighting distribution. • Surface anti-ultravilet pure polyester powder painting, Corrosion resistance can be more than
- $\bullet$  Wall and ceiling mount as well as support with adjustable arms.
- Multiple optics be options, suitable for lighting requirements in different applications.
- The maximum surface temperature of all contact temperature <50°C for safety and reliable.
- All external screw are made of 304 stainless steel.
- The luminaire technical characteristics conform to EN 60598-1 standards.

Power: 12W / 36W / 60W Nominal efficacy: 90-100 Lm/W (Ra80) CCT: 2700K / 3000K / 4000K Input volltage: AC 110V-277V Switch / DMX Options:

● 应用场合: 广场、建筑物、雕塑、标志物、广告牌等景观照明场所

• Applications: For landscape lighting places such as square, buildings, sculptures, signs and billboards.





#### 规格选项 Flexibility

此洗墙灯有三个主要尺寸规格,包括单色白光和彩色混光(RGB,RGBW),对于相同长度的灯具,可灵活选择不同光学配件,为每个照明设计方案提供优异的性能和最大的灵活性

This kind of linear is available in 3 main lengths with LED monochrome white and colour light, and each linear has some optics options for wall washing, it provide exceptional performance and maximum flexibility for every lighting design solution.



L=326mm / P=12W



L=950mm / P=36W



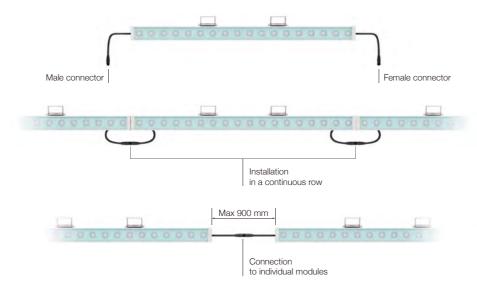
L=1470mm / P=60W

#### 连接方式 Simplified wiring

每个灯具出线两端配用快递连接器,安装连接 灯具非常快速方便,不用打开灯具接线,提升 了操作安全性

Each linear with two cables complete with quick-coupling (male / femal) connector, so during these mounting operations, the luminaire is never opened, significantly reducing installation times and cost and at the same time increasing operator safety.

- \* 单个灯具连接的距离超出允许的标准尺寸,需要单独订购连接件
- \* When installing individual modules, the distance between them can be increased using special accessories (multicore cable and connectors).



#### 安装应用 Applications

在多种的安装环境中有不同的安装 方案以适应建筑照明需求

For different installation system in a broad variety of applications in every architectural context.



顶装 Ceiling-mounted



可调节壁挂式 Wall-mounted with adjustable arms



可调节壁挂式 Wall-mounted with adjustable arms

#### 发光角度 Optics



#### 技术参数 Technology data



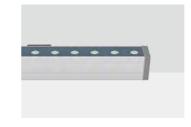
#### L-02XL

Code	Power	LED Qty	<b>Control Options</b>	Input Voltage	Optics	Packing Size	Weight
LED chips - 3535							
L-02LED60-28L150	60W	28	Switch / DMX	110-277V	TL14	1535*235*255/4pcs	19
LED chips - RGBW							
L-02LED60-28RGBWL150	60W	28	DMX	110-277V	TL14	1535*235*255/4pcs	19.5



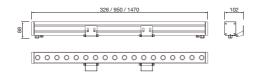
#### L-02L

Code	Power	LED Qty	Control Options	Input Voltage	Optics	Packing Size	Weight
LED chips - 3535 L-02LED36-18L100	36W	18	Switch / DMX	110-277V	TL14	1015*235*255/4pcs	14
LED chips - RGB L-02LED36-18RGBL100	36W	18	DMX	110-277V	TL14	1015*235*255/4pcs	14.5
LED chips - RGBW L-02LED36-18RGBWL100	36W	18	DMX	110-277V	TL14	1015*235*255/4pcs	14.5



#### L-02S

Code	Power	LED Qty	Control Options	Input Voltage	Optics	Packing Size	Weight
LED chips - 3535 L-02LED12-6L32	12W	6	Switch / DMX	110-277V	TL14	375*220*260/4pcs	6.9
LED chips - RGB L-02LED12-6RGBL32	12W	6	DMX	110-277V	TL14	375*220*260/4pcs	7.3
LED chips - RGBW L-02LED12-6RGBWL32	12W	6	DMX	110-277V	TL14	375*220*260/4pcs	7.3



#### 可选配件 Accessories options





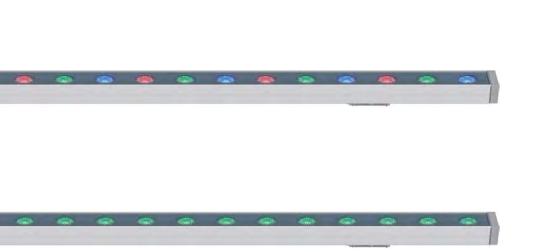




Monochromatic White: DMX

RGB变色 RGB: DMX

RGBW变色 RGBW: DMX



#### 简述 Description























- 挤出铝型材灯体,铝压铸端盖配高温硅胶密封条
- 超白丝印钢化玻璃,具有高视觉舒适性和均匀配光
- 防紫外线聚氨酯塑粉喷涂表面,耐腐蚀可以达1000小时以上 • 可在地板、墙壁和天花板进行嵌入式安装
- 多种光学组件可选,适用于不同要求照明场合
- 灯具表面最高温度不超过50℃,安全可靠
- 所有外部螺钉均为304不锈钢材质
- 灯具符合EN60598-1技术标准要求
- Extrued aluminium body and flush end cover in die-casting complete with silicone gaskets.
- Super white tempered glass, with high visual comfort and uniform lighting distribution.
- Surface anti-ultravilet pure polyester powder painting, Corrosion resistance can be more than
- $\bullet$  Wall and ceiling mount as well as support with adjustable arms.
- Multiple optics be options, suitable for lighting requirements in different applications.
- The maximum surface temperature of all contact temperature <50°C for safety and reliable.
- All external screw are made of 304 stainless steel.
- The luminaire technical characteristics conform to EN 60598-1 standards.

功率: 7W / 12W / 18W 90-100 Lm/W (Ra80) 光效: 2700K/3000K/4000K 色温:

输入电压: DC 24V 功能选项: Switch / DMX

Power: 7W / 12W / 18W Nominal efficacy: 90-100 Lm/W (Ra80) CCT: 2700K / 3000K / 4000K Input volltage: DC 24V Switch / DMX Options:

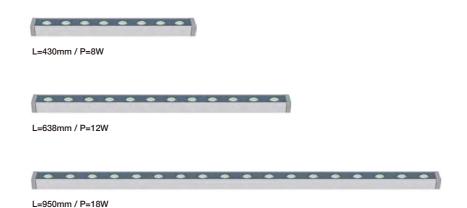
- 应用场合: 广场、建筑物、雕塑、标志物、广告牌等景观照明场所
- Applications: For landscape lighting places such as square, buildings, sculptures, signs and billboards.



#### 规格选项 Flexibility

此洗墙灯有三个主要尺寸规格,包括单色白光和彩色混光(RGB,RGBW),对于相同长度的灯具,可灵活选择不同光学配件,为每个照明设计方案提供优异的性能和最大的灵活性

This kind of linear is available in 3 main lengths with LED monochrome white and colour light, and each linear has some optics options for wall washing, it provide exceptional performance and maximum flexibility for every lighting design solution.



#### 工作电压 Working voltage

单色线条灯都配有稳压专用电路,即使输入电压在16V-30V之间变化也能保证灯具正常工作

The monochrome linear is fitted with an exclusive electronic circuit which guarantees constant emissions in the input voltage from 16V to 30V.

- \*每个串接回路上灯具连接数量不能超过30米
- \* The number of linear connected on each series circuit shall not up to 30m.

#### Constant luminous flux emitted on the entire line (DC 24V)



#### 安装应用 Applications

在多种的安装环境中有不同的安装 方案以适应建筑照明需求

For different installation system in a broad variety of applications in every architectural context.



顶装 Ceiling-mounted

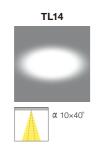


可调节壁挂式 Wall-mounted with adjustable arms



可调节壁挂式 Wall-mounted with adjustable arms

#### 发光角度 Optics



#### 技术参数 Technology data



### L-05L

Code	Power	LED Qty	<b>Control Options</b>	Input Voltage	Optics	Packing Size	Weight
LED chips - 3535/3030							
L-05LED18-18L100	18W	18	Switch / DMX	DC 24V	TL14	1000*210*185/4pcs	8.5
LED chips - RGB							
L-05LED18-18RGBL100	18W	18	DMX	DC 24V	TL14	1000*210*185/4pcs	8.8
LED chips - RGBW							
L-05LED18-18RGBWL100	18W	18	DMX	DC 24V	TL14	1000*210*185/4pcs	8.8



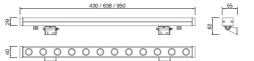
#### L-05M

Code	Power	LED Qty	Control Options	Input Voltage	Optics	Packing Size	Weight
LED chips - 3535/3030 L-05LED12-12L65	12W	12	Switch / DMX	DC 24V	TL14	688*210*185/4pcs	6.5
LED chips - RGB L-05LED12-12RGBL65	12W	12	DMX	DC 24V	TL14	688*210*185/4pcs	6.8
LED chips - RGBW L-05LED12-12RGBWL65	12W	12	DMX	DC 24V	TL14	688*210*185/4pcs	6.8



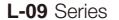
#### L-05S

Code	Power	LED Qty	Control Options	Input Voltage	Optics	Packing Size	Weight
LED chips - 3535/3030 L-05LED8-8L45	8W	8	Switch / DMX	DC 24V	TL14	480*210*185/4pcs	4.5
LED chips - RGBW							
L-05LED8-8RGBWL45	8W	8	DMX	DC 24V	TL14	480*210*185/4pcs	4.8



#### 可选配件 Accessories options

		Code
安装支架 [	Bracket	210004912
快插接头公	Quick Male Connector	320000542
快插接头母	Quick Female Connector	320000543







单色白光 Monochromatic White: DMX



RGBW变色 RGBW: DMX

#### 简述 Description



- 挤出铝型材灯体,铝压铸端盖配高温硅胶密封条
- 超白丝印钢化玻璃,具有高视觉舒适性和均匀配光
- 防紫外线聚氨酯塑粉喷涂表面,耐腐蚀可以达1000小时以上
- 可在地板、墙壁和天花板进行嵌入式安装
- 多种光学组件可选,适用于不同要求照明场合
- 灯具表面最高温度不超过50℃,安全可靠 所有外部螺钉均为304不锈钢材质
- 灯具符合EN60598-1技术标准要求
- Extrued aluminium body and flush end cover in die-casting complete with silicone gaskets.
- Super white tempered glass, with high visual comfort and uniform lighting distribution.
- Surface anti-ultravilet pure polyester powder painting, Corrosion resistance can be more than 1000 hours.
- Wall and ceiling mount as well as support with adjustable arms.
- Multiple optics be options, suitable for lighting requirements in different applications.
- The maximum surface temperature of all contact temperature <50°C for safety and reliable.
- All external screw are made of 304 stainless steel.
- The luminaire technical characteristics conform to EN 60598-1 standards.

功率: 30W / 75W / 100W 光效: 100-110 Lm/W (Ra80) 色温: 2700K / 3000K / 4000K 输入电压: AC220V-240V

**输入电压:** AC220V-240V **功能选项:** Switch / DMX

 Power:
 30W / 75W / 100W

 Nominal efficacy:
 100-110 Lm/W (Ra80)

 CCT:
 2700K / 3000K / 4000K

 Input volltage:
 AC220V-240V

 Options:
 Switch / DMX

- 应用场合:广场、建筑物、雕塑、标志物、广告牌等景观照明场所
- Applications: For landscape lighting places such as square, buildings, sculptures, signs and billboards.



#### KKLED

#### 规格选项 Flexibility

此洗墙灯有三个主要尺寸规格,包括单色白光 和彩色混光(RGB, RGBW), 对于相同长 度的灯具,可灵活选择不同光学配件,为每个 照明设计方案提供优异的性能和最大的灵活性

This kind of linear is available in 3 main lengths with LED monochrome white and colour light, and each linear has some optical options for wall washing, it provide exceptional performance and maximum flexibility for every lighting design solution.



L=570mm / P=30W



L=1060mm / P=75W



L=1545mm / P=100W

#### 光学选项 Optical accessories

灯具拥有多款光学配件可选用,为视觉舒适性 提供最有效的照明解决方案,避免不必要的眩 光并减少光污染

The design has a variety of optical accessories to option, providing the most effective lighting solution for visual comfort, avoiding unnecessary glare and reducing light pollution.



**Normally Type** 

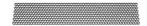
装饰板 Decorative plate





"A" Type

蜂窝板 Honeycomb louvre



#### 安装应用 Applications

在多种的安装环境中有不同的安装 方案以适应建筑照明需求

For different installation system in a broad variety of applications in every architectural context.



Ceiling-mounted

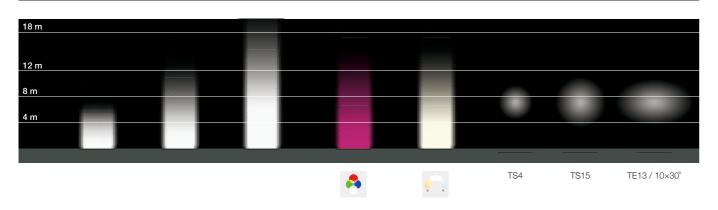
可调节壁挂式 Wall-mounted with adjustable arms



可调节壁挂式 Wall-mounted with adjustable arms

#### 出光效果 Lighting effects

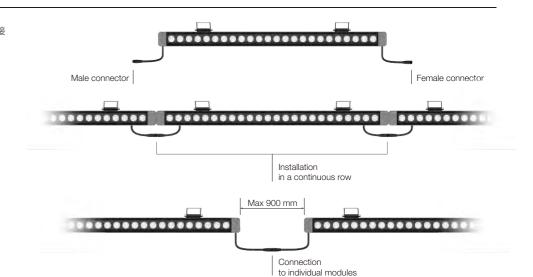
16



#### 连接方式 Simplified wiring

每个灯具出线两端配用快递连接器,安装连接 灯具非常快速方便

Each linear with two cables complete with quick-coupling (male / femal) connector, so during these mounting operations.



#### \* 单个灯具连接的距离超出允许的标准尺寸,需要 单独订购连接件

\* When installing individual modules, the distance between them can be increased using special accessories (multicore cable and connectors).

#### 技术参数 Technology data



#### L-09XL

Code	Power	LED Qty	Control Options	Input Voltage	Optics	Packing Size	Weight
LED chips - 3535/5050							
L-09LED100-36L150	100W	36	Switch / DMX	220-240V	TS4/TS15/TS40/TS60	1580*300*120/2pcs	17/2pcs
L-09ALED100-36L150	100W	36	Switch / DMX	220-240V	TS4/TS15/TS40/TS60	1580*300*120/2pcs	17/2pcs
LED chips - RGBW							
1_00  ED100_36BCRW  150	100W	36	DMX	220-2407	TF13	1580*300*120/2nce	17/2ncc



#### L-09L

Code	Power	LED Qty	Control Options	Input Voltage	Optics	Packing Size	Weight
LED chips - 3535/5050							
L-09LED75-24L100	75W	24	Switch / DMX	220-240V	TS4/TS15/TS40/TS60	1080*235*255/4pcs	23/4pcs
L-09ALED75-24L100	75W	24	Switch / DMX	220-240V	TS4/TS15/TS40/TS60	1080*235*255/4pcs	23/4pcs
LED chips - RGBW							
L-09LED75-24RGBWL100	75W	24	DMX	220-240V	TE13	1070*300*220/4pcs	23/4pcs



#### L-09S

Code	Power	LED Qty	Control Options	Input Voltage	Optics	Packing Size	Weight
LED chips - 3535/5050							
L-09LED30-12L55	30W	12	Switch / DMX	220-240V	TS4/TS15/TS40/TS60	590*235*255/4pcs	13.5/4pcs
L-09ALED30-12L55	30W	12	Switch / DMX	220-240V	TS4/TS15/TS40/TS60	590*235*255/4pcs	13.5/4pcs
LED chips - RGBW							
L-09LED30-12RGBWL55	30W	12	DMX	220-240V	TE13	590*235*255/4pcs	13.5/4pcs



可选配件 Accessories options



## **Inground / Inwater Lighting**

Recessed luminaire, a variety of optical accessories can be selected to ensure high visual effect comfort, Dimming color control, high strength pressure body and high corrosion resistance

## Inground Lighting

P22	M-09
P26	M-211
P30	M-212
P34	M-213
P38	M-214
P42	M-215
P46	M-01
P48	M-16A
P50	M-02
P54	M-03
P54	M-04
P54	M-05
P54	M-06
P54	M-07

## Inwater Lighting

P60 N-01P60 N-02P60 N-03



	T. C. C. C.						Fire			•	
	M-09 P22 NEW	M-211 <b>P26</b> NEW	M-212 <b>P30</b> NEW	M-213 <b>P34</b> NEW	M-214 P38 NEW	M-215 <b>P42</b> NEW	M-01 <b>P4</b> 6	M-16A <b>P48</b>	M-02 <b>P50</b> NEW	Ø120 M-03 P54 NEW	Ø150 M-04 <b>P54</b> NEW
Power	30-100W	7-21W	9-23W	10W	6W	4-6W	1-2W	4W	40-60W	3-6W	6-12W
Light flux LM	3300→11000	350→1050	450→1150	800	420	240→360	60→120	240	4000→6000	210→600	420→1200
Colour temperature K	2700 / 3000 / 4000	2700 / 3000 / 4000	2700 / 3000 / 4000	2700 / 3000 / 4000	2700 / 3000 / 4000	2700 / 3000 / 4000	3000 / 4000 / BLUE	3000 / BLUE	3000 / 4000	3000 / 4000	3000 / 4000
DALI	•	-	-	-	-	-	-	-	•	-	-
RGBW	•	•	•	-	-	-	-	-	•	•	•
Floor-mounted	•	•	•	•	•	•	•	•	•	•	•
Celling-mounted	•	-	-	•	•	-	-	-	-	-	-
Wall-mounted	-	•	•	-	-	•	•	•	-	•	•
Lengths (range cm)	550→1520	324→1000	400→1000	-	-	-	-	-	-	-	-
Adjustable optic	•	-	-	•	-	-	-	-	•	-	-

				Inwater Lighting		
	ø180 M-05 <b>P54</b> NEW	0220 M-06 P54 NEW	Ø260 M-07 <b>P54</b> NEW	N-01 P60	N-02 <b>P60</b>	N-03 <b>P60</b>
Power	12-25W	40W	60W	6W	18W	40W
Light flux LM	840→2500	4000	6000	600	1800	4000
Colour temperature K	3000 / 4000	3000 / 4000	3000 / 4000	3000 / 4000	3000 / 4000	3000 / 4000
DALI	-	-	-	-	-	-
RGBW	•	•	•	•	•	•
Floor-mounted	•	•	•	-	-	-
Celling-mounted	-	-	-	-	-	-
Wall-mounted	•	•	•	-	-	-
Lengths (range cm)	-	-	-	-	-	-
Adjustable optic	-	-	-	•	•	•







单色白光 Monochromatic White: DMX

RGBW变色 RGBW: DMX

#### 简述 Description



















- 挤出铝型材灯体,铝压铸端盖配高温硅胶密封条
- 304不锈钢装饰面板和预埋件底座,灯具静态可承载超过5000kg
- 超白丝印钢化玻璃,具有高视觉舒适性和均匀配光 • 多种光学组件可选,适用于不同要求照明场合
- 灯具表面最高温度不超过50℃,安全可靠
- 所有外部螺钉均为304不锈钢材质
- 灯具符合EN60598-1技术标准要求
- Extrued aluminium body, die-casting side cover which complete with silicone gaskets.
- 304 stainless steel decorative panel and install housing box, the static load of the luminaire
- Super white tempered glass, with high visual comfort and uniform lighting distribution.
- Multiple optics be options, suitable for lighting requirements in different applications.
- The maximum surface temperature of all contact temperature <50°C for safety and reliable.
- All external screw are made of 304 stainless steel.
- The luminaire technical characteristics conform to EN60598-1 standards.

功率: 30W / 75W / 100W 光效: 100-110 Lm/W (Ra80) 色温: 2700K/3000K/4000K

输入电压: DC 24V 功能选项: Switch / DMX

30W / 75W / 100W Power: Nominal efficacy: 100-110 Lm/W (Ra80) CCT: 2700K / 3000K / 4000K Input volltage: DC 24V Options: Switch / DMX

- Applications: For landscape lighting places such as square, buildings, sculptures, signs and billboards.





#### 规格选项 Flexibility

此洗墙灯有三个主要尺寸规格,包括单色白光和彩色混光(RGB,RGBW),对于相同长度的灯具,可灵活选择不同光学配件,为每个照明设计方案提供优异的性能和最大的灵活性

This kind of linear is available in 3 main lengths with LED monochrome white and colour light, and each linear has some optical options for wall washing, it provide exceptional performance and maximum flexibility for every lighting design solution.



L=550mm / P=30W



L=1040mm / P=75W



L=1520mm / P=100W

#### 光学配件 Optical accessories

灯具拥有多款光学配件可选用,为视觉舒适性 提供最有效的照明解决方案,避免不必要的眩 光并减少光污染

The design has a variety of optical accessories to option, providing the most effective lighting solution for visual comfort, avoiding unnecessary glare and reducing light pollution.



Normally Type

装饰板 Decorative plate





"A" Type

蜂窝板 Honeycomb louvre



#### 安全性能 Satety performance

装在地面或地板的嵌入式灯具符合标准防滑和 抗压要求,触碰灯具表面温度控制在安全标准 之内

Ground and floor level recessed luminaires, have different degrees of resistance to torsion and shear, up to 5000 Kg in accordance with EN 60598-2-13.



Temperature < 40° C

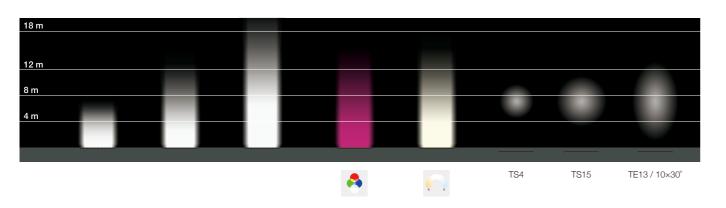


Diffuser optics versions complete with non-slip

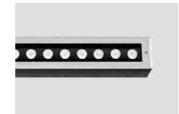


Resistance to static load (5000 Kg)

#### 出光效果 Lighting effects



#### 技术参数 Technology data



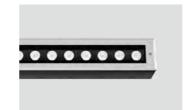
#### M-09XL

Code	Power	LED Qty	Control Options	Input Voltage	<b>Optics</b>	Packing Size	Weight
LED chips - 3535/5050							
M-09LED100-27L150	100W	27	Switch / DMX	DC 24V	TS4/TS15/TE13	1545*240*145/2pcs	31
M-09ALED100-27L150	100W	27	Switch / DMX	DC 24V	TS4/TS15/TE13	1545*240*145/2pcs	31
LED chips - RGBW							
M-09LED100-27RGBWL150	100W	27	DMX	DC 24V	TS4/TS15/TE13	1545*240*145/2pcs	31
M-09ALED100-27RGBWL150	100W	27	DMX	DC 24V	TS4/TS15/TE13	1545*240*145/2pcs	31

# .....

#### M-09L

Code	Power	LED Qty	Control Options	Input Voltage	Optics	Packing Size	Weight
LED chips - 3535/5050							
M-09LED75-18L100	75W	18	Switch / DMX	DC 24V	TS4/TS15/TE13	1065*240*145/2pcs	21
M-09ALED75-18L100	75W	18	Switch / DMX	DC 24V	TS4/TS15/TE13	1065*240*145/2pcs	21
LED chips - RGBW							
M-09LED75-18RGBWL100	75W	18	DMX	DC 24V	TS4/TS15/TE13	1065*240*145/2pcs	21
M-09ALED75-18RGBWL100	75W	18	DMX	DC 24V	TS4/TS15/TE13	1065*240*145/2pcs	21



#### M-09S

Code	Power	LED Qty	<b>Control Options</b>	Input Voltage	<b>Optics</b>	Packing Size	Weight
LED chips - 3535/5050							
M-09LED30-9L55	30W	9	Switch / DMX	DC 24V	TS4/TS15/TE13	575*270*245/4pcs	22
M-09ALED30-9L55	30W	9	Switch / DMX	DC 24V	TS4/TS15/TE13	575*270*245/4pcs	22
LED chips - RGBW							
M-09LED30-9RGBWL55	30W	9	DMX	DC 24V	TS4/TS15/TE13	575*270*245/4pcs	22
M-09ALED30-9RGBWL55	30W	9	DMX	DC 24V	TS4/TS15/TE13	575*270*245/4pcs	22



























- 铝型材灯头和铝型材预埋件
- 超厚10mm钢化丝印玻璃,静态可承载超过2000kg
- 特殊设计光源发光模式,无任何眩光
- 插入式安装设计模式,无任何外露灯具安装部件
- 灯具表面耐油、防水设计,使用安全可靠
- 灯具表面最高温度不超过50℃,安全可靠
- 所有外部螺钉均为304不锈钢材质
- 灯具符合EN60598-1技术标准要求
- Aluminum profile lamp holder and aluminum profile embedded parts.
- Tempered glass, crystal clear 10mm, the static load of the luminaire can resistance 2000kg.
- Special good design for high performance optics, optics, and it has high performance optics
- Snap in installation with no exposed hardware.
- Supplied with oil and water resistant, it is safety and reliable for using.
- The maximum surface temperature of all contact temperature <50°C for safety and reliable.
- All external screw are in 304 stainless steel.
- The luminaire technical characteristics conform to EN 60598-1 standards.

功率: 7W / 14W / 21W 光效: 40-50 Lm/W (Ra80) 色温: 2700K/3000K/4000K

输入电压: DC 24V 功能选项: Switch / DMX

Power: 7W / 14W / 21W Nominal efficacy: 40-50 Lm/W (Ra80) CCT: 2700K / 3000K / 4000K Input volltage: DC 24V

Switch / DMX Options:

- 应用场合: 广场、建筑物、雕塑、标志物、广告牌等景观照明场所
- Applications: For landscape lighting places such as square, buildings, sculptures, signs and billboards.



#### **KKLED**

#### 规格选项 Flexibility

此洗墙灯有三个主要尺寸规格,包括单色白光,对于相同长度的灯具,可灵活选择不同光学配件,为每个照明设计方案提供优异的性能和最大的灵活性

This kind of linear is available in 3 main lengths with LED monochrome white, and each linear has some optical options for wall washing, it provide exceptional performance and maximum flexibility for every lighting design solution.



L=324mm / P=7W



L=624mm / P=14W



L=1000mm / P=21W

#### 安全性能 Satety performance

装在地面或地板的嵌入式灯具符合标准防滑和 抗压要求,触碰灯具表面温度控制在安全标准 之内

Ground and floor level recessed luminaires, have different degrees of resistance to torsion and shear, up to 2000 Kg in accordance with EN 60598-2-13.



Temperature < 40° C



Diffuser optics versions complete with non-slip glass



Resistance to static load (2000 Kg)

#### 出光效果 Lighting effects

灯具采用反射出光和特殊玻璃光学设计,为视 觉舒适性提供最有效的照明解决方案,避免不 必要的眩光并减少光污染

The product apply with reflect optical and special glass design, providing the most effective lighting solution for visual comfort, avoiding unnecessary glare and reducing light pollution.



#### 技术参数 Technology data



#### M-211L

Code	Power	LED Qty	Control Options	Voltage	Optical	Packing Size	Weight
LED chips - 3014							
M-211LED21-114L100	21W	114	Switch / DMX	DC 24V	100°	1040*300*260/4pcs	16.4



#### M-211M

Code	Power	LED Qty	Control Options	Voltage	Optical	Packing Size	Weight
LED chips - 3014							
M-211LED14-72L62	14W	72	Switch / DMX	DC 24V	100°	665*300*260/4pcs	13

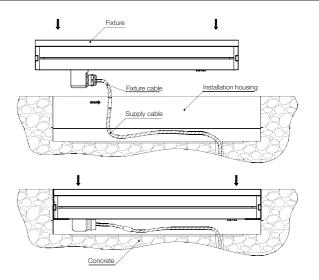


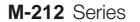
#### M-211S

Code	Power	LED Qty	Control Options	Voltage	Optical	Packing Size	Weight
LED chips - 3014 M-211LED7-36L32	7W	36	Switch / DMX	DC 24V	100°	365*300*260/4pcs	8.4



#### 安装示意图 Installation































• 超厚20mm夹层玻璃,静态可承载超过2000kg

• 特殊设计光源发光模式,无任何眩光,具有很好的视觉效果和光舒适性

• 插入式安装设计模式,无任何外露灯具安装部件,灯具可以按标准长度连续连接

• 灯具表面耐油、防水设计,使用安全可靠

• 灯具表面最高温度不超过50℃,安全可靠

• 所有外部螺钉均为304不锈钢材质

● 灯具符合EN60598-1技术标准要求

• Aluminum extruded lamp body and 304 stainless steel embedded base.

• Super thick 20mm laminated glass, the static load of the luminaire can resistance 2000kg.

• Special good design for high performance optics, optics, and it has high performance optics

 $\bullet\,$  Snap in installation with no exposed hardware, and the luminaire can continuous run of standard lenghts.

• Supplied with oil and water resistant, it is safety and reliable for using.

• The maximum surface temperature of all contact temperature <50°C for safety and reliable.

• All external screw are in 304 stainless steel.

• The luminaire technical characteristics conform to EN 60598-1 standards.

功率: 9W / 23W

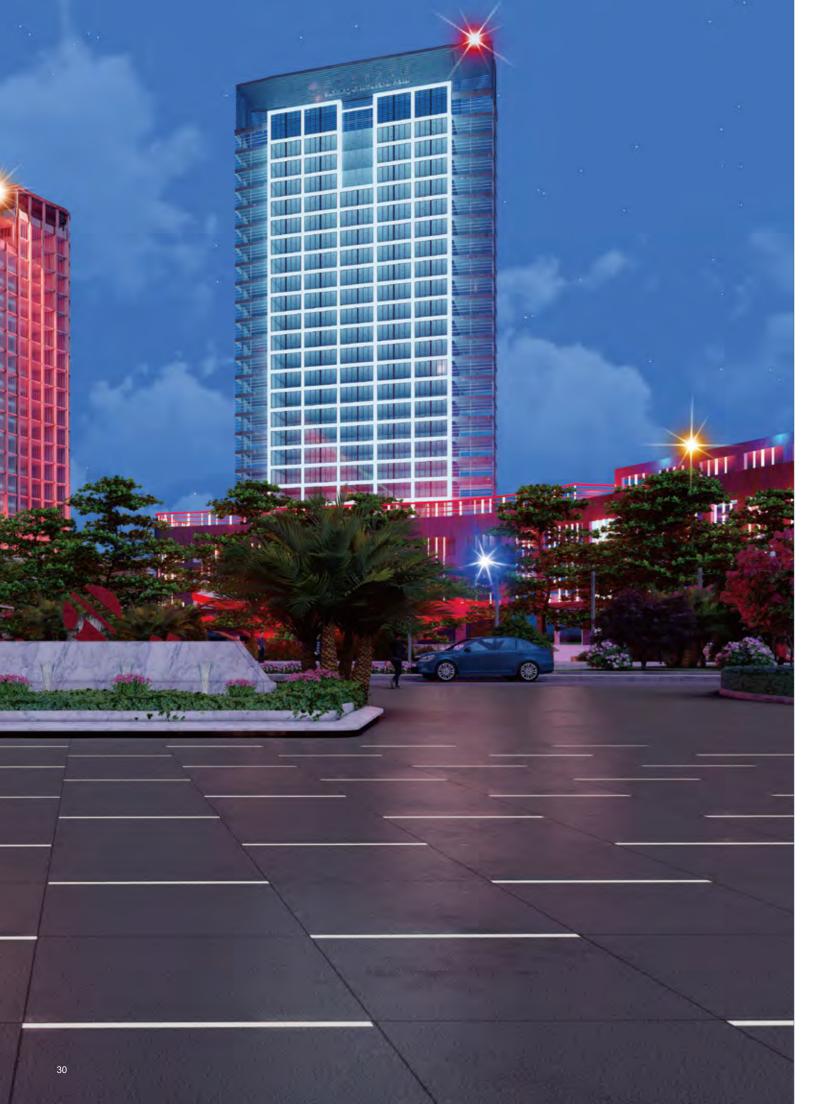
光效: 50-65 Lm/W (Ra80) 色温: 2700K/3000K/4000K

输入电压: DC 24V 功能选项: Switch / DMX

Power: 9W / 23W 50-65 Lm/W (Ra80) Nominal efficacy: CCT: 2700K / 3000K / 4000K

Input volltage: DC 24V Switch / DMX Options:

- 应用场合: 广场、建筑物、雕塑、标志物、广告牌等景观照明场所
- Applications: For landscape lighting places such as square, buildings, sculptures, signs and billboards.



#### **KKLED**

#### 规格选项 Flexibility

此洗墙灯有二个主要尺寸规格,包括单色白光和彩色混光(RGB,RGBW),对于相同长度的灯具,可灵活选择不同光学配件,为每个照明设计方案提供优异的性能和最大的灵活性

This kind of linear is available in 3 main lengths with LED monochrome white and colour light, and each linear has some optical options for wall washing, it provide exceptional performance and maximum flexibility for every lighting design solution.

L=400mm / P=9W

L=1000mm / P=23W

#### 安全性能 Satety performance

装在地面或地板的嵌入式灯具符合标准防滑和 抗压要求,触碰灯具表面温度控制在安全标准 之内

Ground and floor level recessed luminaires, have different degrees of resistance to torsion and shear, up to 2000 Kg in accordance with EN 60598-2-13.



Temperature < 40° C



Diffuser optics versions complete with non-slip

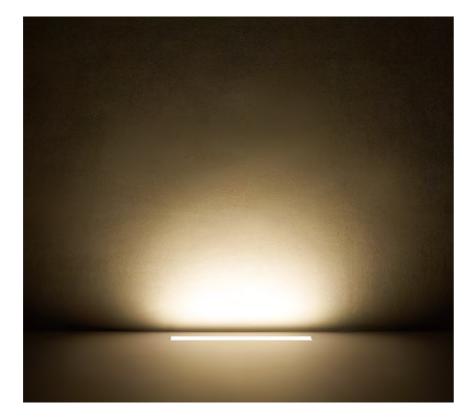


Resistance to static load (2000 Kg)

#### 出光效果 Lighting effects

灯具采用反射出光和特殊玻璃光学设计,为视 觉舒适性提供最有效的照明解决方案,避免不 必要的眩光并减少光污染

The product apply with reflect optical and special glass design, providing the most effective lighting solution for visual comfort, avoiding unnecessary glare and reducing light pollution.



#### 技术参数 Technology data

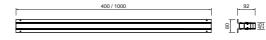


							M-212L
Weight	Packing Size	Optical	Voltage	Control Options	LED Qty	Power	Code
							LED chips - 2835
12.6	1040*230*135/2pcs	120°	DC 24V	Switch / DMX	126	23W	M-212LED23-126L100
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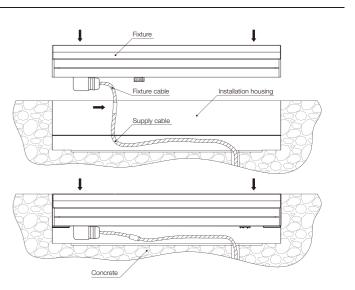


#### M-212S

Code	Power	LED Qty	Control Options	Voltage	Optical	Packing Size	Weight
LED chips - 2835							
M-212LED9-49L40	9W	49	Switch / DMX	DC 24V	120°	365*300*260/4pcs	9.6



#### 安装示意图 Installation













M-213 10W

















- 超厚15mm钢化丝印玻璃,静态可承载超过5000kg
- 灯具模组投射角度可调,具有很好的光学视觉效果
- 插入式安装设计模式,无任何外露灯具安装部件 • 灯具表面耐油、防水设计,使用安全可靠
- 灯具表面最高温度不超过50℃,安全可靠
- 所有外部螺钉均为304不锈钢材质 ● 灯具符合EN60598-1技术标准要求
- Stainless steel type 304 body and installation housing, Pure aluminium construction fixture body.
- Clear tempered glass 15 mm, the static load of the luminaire can resistance 5000kg.
- The lighting module has tilt adjustable system, and it has high performance optics.
- Snap in installation with no exposed hardware, and the luminaire can continuous run of standard lenghts.
- Supplied with oil and water resistant, it is safety and reliable for using.
- The maximum surface temperature of all contact temperature <50°C for safety and reliable.
- All external screw are made of 304 stainless steel.
- The luminaire technical characteristics conform to EN 60598-1 standards.

功率: 10W

光效: 70-85 Lm/W (Ra80) 2700K / 3000K / 4000K 色温:

输入电压: DC 24V 功能选项: Switch

Power: 10W

Nominal efficacy: 70-85 Lm/W (Ra80) CCT: 2700K / 3000K / 4000K

Input volltage: DC 24V Switch Options:

- 应用场合: 广场、建筑物、雕塑、标志物、广告牌等景观照明场所
- Applications: For landscape lighting places such as square, buildings, sculptures, signs and billboards.

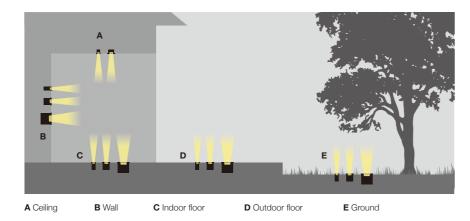




#### 安装应用 Installation

灯具可适用于地板、墙面、地面和吸顶多种安 装场地应用

Installation in floor / wall / ground / ceiling, Multiple applications for formal continuity.



#### 安全性能 Satety performance

装在地面或地板的嵌入式灯具符合标准防滑和 抗压要求,触碰灯具表面温度控制在安全标准 之内

Ground and floor level recessed luminaires, have different degrees of resistance to torsion and shear, up to 5000 Kg in accordance with EN 60598-2-13.



Temperature < 40° C



Diffuser optics versions complete with non-slip



Resistance to static load (5000 Kg)

#### 出光效果 Lighting effects

灯具采用特殊光学设计,为视觉舒适性提供最 有效的照明解决方案,避免不必要的眩光并减 少光污染,出光角度可调

The product apply with special design, providing the most effective lighting solution for visual comfort, avoiding unnecessary glare and reducing light pollution, the light direction adjustable.

出光角度可调 Light direction adjustable







ngle 0° Angle

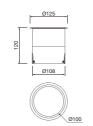




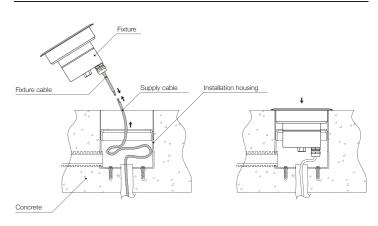
#### 技术参数 Technology data



M-213							
Code	Power	LED Qty	<b>Control Options</b>	Input Voltage	Optics	Packing Size	Weight
LED chips - 3535							
M-213LED10-1	10W	1	Switch	DC 24V	30°	415*275*275/12pcs	21.6



#### 安装示意图 Installation













M-214















- 304不锈钢面板,ABS和不锈钢组成的安装底座
- 超厚15mm钢化丝印玻璃,静态可承载超过5000kg
- 特殊设计的光学组件,无任何眩光,具有很好的光学视觉效果
- 插入式安装设计模式,无任何外露灯具安装部件 • 灯具表面耐油、防水设计,使用安全可靠
- 灯具表面最高温度不超过50℃,安全可靠
- 所有外部螺钉均为304不锈钢材质
- 灯具符合EN60598-1技术标准要求
- Stainless steel type 304 body, ABS / Stainless steel type 304 installation housing.
- Clear tempered glass 15 mm, the static load of the luminaire can resistance 5000kg.
- Special good design for high performance optics, optics, and it has high performance optics and anti glare system.
- $\bullet$  Snap in installation with no exposed hardware, and the luminaire can continuous run of standard lenghts.
- Supplied with oil and water resistant, it is safety and reliable for using.
- The maximum surface temperature of all contact temperature <50°C for safety and reliable.
- All external screw are made of 304 stainless steel.
- The luminaire technical characteristics conform to EN 60598-1 standards.

功率: 6W

光效: 70-85 Lm/W (Ra80) 色温: 2700K / 3000K / 4000K

输入电压: DC 24V 功能选项: Switch

Power: 6W

Nominal efficacy: 70-85 Lm/W (Ra80) CCT: 2700K / 3000K / 4000K

Input volltage: DC 24V Options: Switch

- 应用场合: 广场、建筑物、雕塑、标志物、广告牌等景观照明场所
- Applications: For landscape lighting places such as square, buildings, sculptures, signs and billboards.





#### 材质 Materials

高品质的材质选择,确保高品质的产品质量, 高强度钢化玻璃面板,确保IK10,不锈钢预埋 件底座,特殊设计的光学反光杯,使得灯具具 有高性能的参数水平

We select materials of highest possible quality, to ensure high-degree product quality. High sturdy tempered glass with protection up to IK10, 304 stainless steel installation housing, special design reflector to keep the fixture higher performance levels.



#### 安全性能 Satety performance

装在地面或地板的嵌入式灯具符合标准防滑和 抗压要求,触碰灯具表面温度控制在安全标准 之内

Ground and floor level recessed luminaires, have different degrees of resistance to torsion and shear, up to 5000 Kg in accordance with EN 60598-2-13.









(5000 Kg)

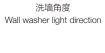


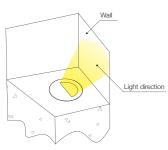
Temperature < 40° C Diffuser optics versions complete with non-slip

#### 出光效果 Lighting effects

灯具采用特殊光学设计,为视觉舒适性提供最 有效的照明解决方案,避免不必要的眩光并减 少光污染

The product apply with special design, providing the most effective lighting solution for visual comfort, avoiding unnecessary glare and reducing light pollution.







#### 技术参数 Technology data

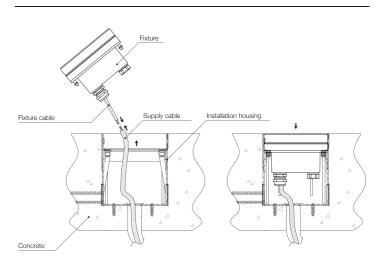


#### M-214

Code	Power	LED Qty	<b>Control Options</b>	Input Voltage	Optics	Packing Size	Weight
LED chips - 3535							
M-214LED6-2	6W	2	Switch	DC 24V	30°×45° Tilt 15°	475*240*155/8pcs	12.1



#### 安装示意图 Installation













M-215A





M-215B

M-215C

#### 简述 Description













- 304不锈钢面板和预埋件底座,氧化纯铝灯体结构
- 超厚10mm钢化丝印玻璃,静态可承载超过2000kg
- 特殊设计的光学组件,无任何眩光,具有很好的光学视觉效果
- 插入式安装设计模式,无任何外露灯具安装部件
- 灯具表面耐油、防水设计,使用安全可靠 • 灯具表面最高温度不超过50℃,安全可靠
- 所有外部螺钉均为304不锈钢材质
- 灯具符合EN60598-1技术标准要求
- Stainless steel type 304 body and installation housing, Pure aluminium construction fixture body.
- Clear tempered glass 10 mm, the static load of the luminaire can resistance 2000kg.
- Special good design for high performance optics, optics, and it has high performance optics and anti glare system.
- $\bullet$  Snap in installation with no exposed hardware, and the luminaire can continuous run of standard lenghts.
- Supplied with oil and water resistant, it is safety and reliable for using.
- The maximum surface temperature of all contact temperature <50°C for safety and reliable.
- All external screw are made of 304 stainless steel.
- The luminaire technical characteristics conform to EN 60598-1 standards.

功率: 6W / 6W / 4W 光效: 50-60 Lm/W (Ra80) 2700K / 3000K / 4000K 色温:

输入电压: DC 24V 功能选项: Switch

Power: 6W / 6W / 4W Nominal efficacy: 50-60 Lm/W (Ra80) CCT: 2700K / 3000K / 4000K Input volltage: DC 24V

Switch Options:

- 应用场合: 广场、建筑物、雕塑、标志物、广告牌等景观照明场所
- Applications: For landscape lighting places such as square, buildings, sculptures, signs and billboards.



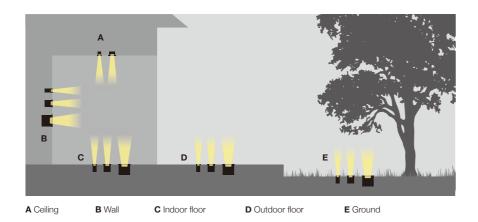




#### 安装应用 Installation

灯具可适用于地板、墙面、地面和吸顶多种安 装场地应用

Installation in floor / wall / ground / ceiling, Multiple applications for formal continuity.



#### 材质 Materials

高品质的材质选择,确保高品质的产品质量, 高强度钢化玻璃面板,确保IK10,PP预埋件 底座,特殊设计的光学反光杯,使得灯具具有 高性能的光学参数

We select materials of highest possible quality, to ensure high-degree product quality. High sturdy tempered glass with protection up to IK10, PP plastic installation housing, special design optics to keep the fixture higher performance levels.



#### 安全性能 Satety performance

装在地面或地板的嵌入式灯具符合标准防滑和 抗压要求,触碰灯具表面温度控制在安全标准 之内

Ground and floor level recessed luminaires, have different degrees of resistance to torsion and shear, up to 2000 Kg in accordance with EN 60598-2-13.



Temperature < 40° C



Diffuser optics versions complete with non-slip



Resistance to static load

#### 光学选项 Optical options

灯具拥有多款光学选项,为视觉舒适性提供最 有效的照明解决方案,避免不必要的眩光并减 少光污染,并满足不同场所需求应用

The design has a variety of optical accessories to option, providing the most effective lighting solution for visual comfort, avoiding unnecessary glare and reducing light pollution, it can meet the needs of different applications.



M-215A



M-215B



Diffuser optic M-215C





#### 技术参数 Technology data



Code	Power	LED Qty	Control Options	Input Voltage	Optics	Packing Size	Weight
LED chips - 3535 M-215ALED6-1	6W	1	Switch	DC 24V	30°×45° Tilt 15°	320*320*275/8pcs	7.2



#### M-215B



Code	Power	LED Qty	Control Options	Input Voltage	Optics	Packing Size	Weight
LED chips - 3535							
M-215BLED6-1	6W	1	Switch	DC 24V	15°/30°/50°	320*320*275/8pcs	7.2



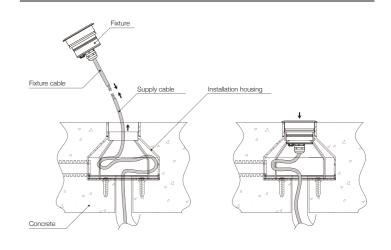
#### M-215C



Code	Power	LED Qty	Control Options	Input Voltage	Optics	Packing Size	Weight
LED chips - 3535							
M-215CLED4-1	4W	1	Switch	DC 24V	120°	320*320*275/8pcs	7.2



#### 安装示意图 Installation













M-01A 2W

M-01B

















- 侧向单侧发光和双侧发光方式,具有高视觉舒适性和防眩效果
- 耐高温防水硅胶圈、耐腐蚀PP塑料埋件
- 根据需要有地板 / 地面 / 墙面嵌入式安装应用
- 无生物蓝光危害风险,符号EN62471: 2008 标准
- 所有外部螺钉均为304不锈钢材质
- Die-casting aluminium body, high quality pc diffuser.
- Side radial light with unilateral & bidirectional emission, it with high visual comfort and good anti glare effect.
- High temperature resistant and waterproof silicone rubber ring, corrosion resistant PP plastic installion housing.
- Floor/ground/wall-mounted recessed luminaire intended applications as required.
- No photo-biological risk, in accordance with EN 62471:2008.
- All external screw are made of 304 stainless steel.



Ground installation





Floor installation

Wall-mounted installation

光效: 色温:

60-70 Lm/W (Ra80) 3000K / 4000K / BLUE

Nominal efficacy: CCT:

60-70 Lm/W (Ra80) 3000K / 4000K / BLUE

#### 技术参数 Technology data













#### M-01B

Code	Power	LED Qty	Control Options	Input Voltage	<b>Optics</b>	Packing Size	Weight
LED chips - 2835	4147		0.11	041/40/00	400°	000+045+050/40	0.5
M-01BLED1-4	1W	4	Switch	24V AC/DC	120°	360*245*250/12pcs	6.5







M-16A

















- 侧向发光方式,具有高视觉舒适性和防眩效果
- 耐高温防水硅胶圈、热镀锌安装预埋件
- 根据需要有地板 / 地面 / 墙面嵌入式安装应用
- 无生物蓝光危害风险,符号EN62471: 2008 标准
- 所有外部螺钉均为304不锈钢材质



- Side radial light with bidirectional emission, it with high visual comfort and good
- High temperature resistant and waterproof silicone rubber ring, Hot galvanized steel installion housing.
- Floor/ground/wall-mounted recessed luminaire intended applications as required.
- No photo-biological risk, in accordance with EN 62471:2008.
- All external screw are made of 304 stainless steel.



Ground installation Floor installation



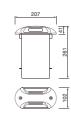
Wall-mounted installation

光效: 60-70 Lm/W (Ra80) 3000K/BLUE

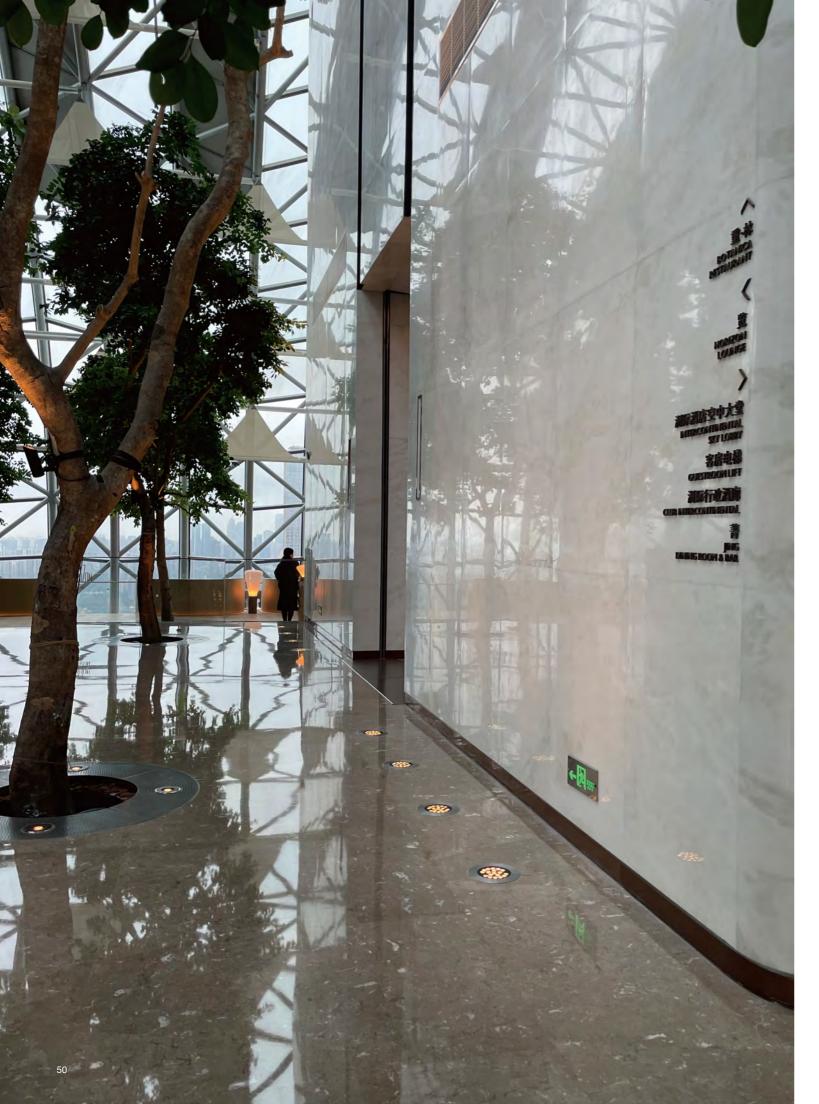
Nominal efficacy: 60-70 Lm/W (Ra80) CCT: 3000K / BLUE

- 应用场合: 适用于庭院、草地、导向灯等景观照明场所
- Applications: It can be used for landscape lighting places such assuch as courtyard, lawn, guide direction lighting, etc.

#### 技术参数 Technology data



M-16A										
Code	Power	LED Qty	<b>Control Options</b>	Input Voltage	Optics	Packing Size	Weight			
LED chips - F5										
M-16ALED4-16	4W	16	Switch	24V AC/DC	120°	390*235*200/6pcs	5			











M-02 40W/60W





















功能选项:

- 铝压铸灯体外壳,304不锈钢面板
- 10mm厚台阶高强度钢化玻璃,确保过IK10标准测试要求
- 多种光学配件选项,具有高视觉舒适性和防眩效果
- 耐高温防水硅胶圈、耐腐蚀PP塑料埋件
- 根据需要有地板/地面嵌入式安装应用,灯具光源模组角度可调
- 无生物蓝光危害风险,符号EN62471: 2008 标准
- 所有外部螺钉均为304不锈钢材质
- Die-casting aluminium body, 304 stainess steel fram.
- 10mm higher hardened temperated glass, it ensure pass IK10 standared test.
- Mutiple optics options, it with high visual comfort and good anti glare effect.
- High temperature resistant and waterproof silicone rubber ring, corrosion resistant PP plastic installion housing.
- Floor/ground-mounted recessed luminaire intended applications as required, LED module the
- No photo-biological risk, in accordance with EN 62471:2008.
- All external screw are made of 304 stainless steel.

功率: 40W / 60W

光效: 90-110 Lm/W (Ra80) 3000K / 4000K / RGBW 色温: 输入电压: DC 24V / AC 100-240V

Switch / DMX / DALI

40W / 60W Power: 90-110 Lm/W (Ra80) Nominal efficacy: CCT: 3000K / 4000K / RGBW DC 24V / AC 100-240V Input volltage:

Options: Switch / DMX / DALI

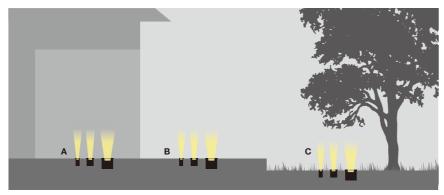
- 应用场合: 适用于庭院、草地、建筑物、雕塑、标志物广告牌等景观照明场所
- Applications: It can be used for landscape lighting places such assuch as courtyard, lawn, buildings, sculptures, signs and billboards etc.



#### 安装应用 Installation

灯具可适用于地板和地面多种安装场地应用

Installation in floor / ground, Multiple applications for formal continuity.





**B** Outdoor floor

**C** Ground



Application for wall



Application for tree light

#### 安全性能 Satety performance

装在地面或地板的嵌入式灯具符合标准防滑和 抗压要求,触碰灯具表面温度控制在安全标准 之内

Ground and floor level recessed luminaires, have different degrees of resistance to torsion and shear, up to 2000 Kg in accordance with EN 60598-2-13.



Diffuser optics versions complete with non-slip



Resistance to static load (5000 Kg)

#### 安装说明 Installation

通过调节底部调节螺钉,来实现灯具模组出光 角度,最后达到满足客户照明效果需求

Adjust the bottom adjusting screw to realize the light output angle of the LED module, and finally meet the lighting effect requirements by customer.









#### 发光角度 Optics





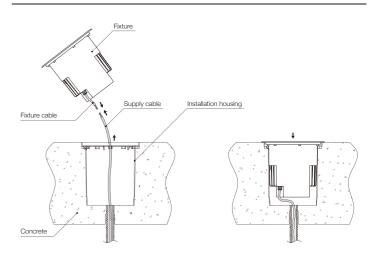
#### 技术参数 Technology data



M-02							
Code	Power	LED Qty	Control Options	Input Voltage	Optics	Packing Size	Weight
LED chips - 3535							
M-02LED40-28	40W	28	Switch / DMX / DALI	DC 24V / AC 100-240V	25°/50°	270*270*295	6
M-02ALED60-28	60W	28	Switch / DMX / DALI	DC 24V / AC 100-240V	25°/50°	270*270*295	6



#### 安装示意图 Installation









Normally Type



"A" Type Honeycomb louvre





M-03 Ø120 / 3 LEDs







M-04 Ø150 / 6 LEDs







M-04B / 6W

M-05

Ø180 / 12 LEDs





M-05A / 25W



M-05B / 12W

M-06

Ø220 / 18 LEDs



M-06 / 40W

M-06A / 40W

M-07 Ø260 / 25 LEDs



M-07 / 60W







#### KKLED

#### 简述 Description



















• 铝压铸灯体外壳,304不锈钢面板

• 10mm厚台阶高强度钢化玻璃,确保过IK10标准测试要求

• 多种光学配件选项,具有高视觉舒适性和防眩效果

• 耐高温防水硅胶圈、耐腐蚀PP塑料埋件

• 根据需要有地板/地面/墙面嵌入式安装应用

• 无生物蓝光危害风险,符号EN62471: 2008 标准

• 所有外部螺钉均为304不锈钢材质

• Die-casting aluminium body, 304 stainess steel fram.

• 10mm higher hardened temperated glass, it ensure pass IK10 standared test.

• Mutiple optics options, it with high visual comfort and good anti glare effect.

• High temperature resistant and waterproof silicone rubber ring, corrosion resistant PP plastic installion housing.

• Floor/ground/wall-mounted recessed luminaire intended applications as required.

• No photo-biological risk, in accordance with EN 62471:2008.

• All external screw are made of 304 stainless steel.

功率: 3-60W

光效: 70-100 Lm/W (Ra80) 色温: 3000K / 4000K / RGBW 输入电压: DC 24V / AC 100-240V 功能选项: Switch / DMX

3-60W Nominal efficacy: 70-100 Lm/W (Ra80)

Power:

3000K / 4000K / RGBW CCT: Input volltage: DC 24V / AC 100-240V

Switch / DMX Options:

• 应用场合: 适用于庭院、草地、建筑物、雕塑、标志物广告牌等景观照明场所

• Applications: It can be used for landscape lighting places such assuch as courtyard, lawn, buildings, sculptures, signs and billboards etc.

#### 安全性能 Satety performance

装在地面或地板的嵌入式灯具符合标准防滑和 抗压要求,触碰灯具表面温度控制在安全标准 之内

Ground and floor level recessed luminaires, have different degrees of resistance to torsion and shear, up to 2000 Kg in accordance with EN 60598-2-13.



Temperature < 40° C



Diffuser optics versions complete with non-slip

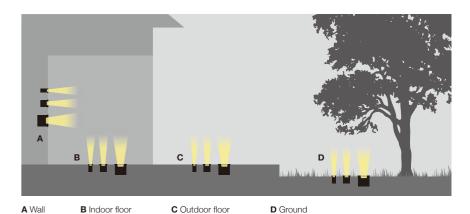


Resistance to static load (5000 Kg)

#### 安装应用 Installation

灯具可适用于地板、墙面和地面多种安装场地

Installation in floor / wall / ground, Multiple applications for formal continuity.









Ground installation

Floor installation

Wall-mounted installation



Application for wall



Application for tree light

#### 材质 Materials

高品质的材质选择,确保高品质的产品质量, 高强度钢化玻璃面板,确保IK10, PP预埋件 底座,特殊设计的光学组件,使得灯具具有高 性能的光学参数

We select materials of highest possible quality, to ensure high-degree product quality. High sturdy tempered glass with protection up to IK10, PP plastic installation housing, special design optics to keep the fixture higher performance levels.



#### KKLED

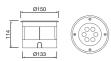
#### 技术参数 Technology data

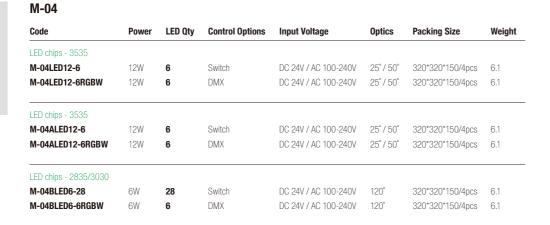




M-03							
Code	Power	LED Qty	Control Options	Input Voltage	Optics	Packing Size	Weight
LED chips - 3535							
M-03LED6-3	6W	3	Switch	DC 24V / AC 100-240V	25°/50°	385*260*125/6pcs	5
M-03LED6-3RGBW	6W	3	DMX	DC 24V / AC 100-240V	25°/50°	385*260*125/6pcs	5
LED chips - 3535							
M-03ALED6-3	6W	3	Switch	DC 24V / AC 100-240V	25°/50°	385*260*125/6pcs	5
M-03ALED6-3RGBW	6W	3	DMX	DC 24V / AC 100-240V	25°/50°	385*260*125/6pcs	5
LED chips - 2835/3030							
M-03BLED3-18	3W	18	Switch	DC 24V / AC 100-240V	120°	385*260*125/6pcs	5
M-03BLED3-3RGBW	3W	3	DMX	DC 24V / AC 100-240V	120°	385*260*125/6pcs	5









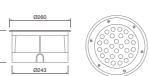


M-05							
Code	Power	LED Qty	Control Options	Input Voltage	Optics	Packing Size	Weight
LED chips - 3535							
M-05LED25-12	25W	12	Switch	DC 24V / AC 100-240V	25°/50°	380*380*165/4pcs	9.4
M-05LED25-12RGBW	25W	12	DMX	DC 24V / AC 100-240V	25°/50°	380*380*165/4pcs	9.4
LED chips - 3535							
M-05ALED25-12	25W	12	Switch	DC 24V / AC 100-240V	25°/50°	380*380*165/4pcs	9.4
M-05ALED25-12RGBW	25W	12	DMX	DC 24V / AC 100-240V	25°/50°	380*380*165/4pcs	9.4
LED chips - 2835/3030							
M-05BLED12-48	12W	48	Switch	DC 24V / AC 100-240V	120°	380*380*165/4pcs	9.4
M-05BLED12-12RGBW	12W	12	DMX	DC 24V / AC 100-240V	120°	380*380*165/4pcs	9.4



M-06							
Code	Power	LED Qty	Control Options	Input Voltage	Optics	Packing Size	Weight
LED chips - 3535							
M-06LED40-18	40W	18	Switch	DC 24V / AC 100-240V	25°/50°	460*460*175/4pcs	11
M-06LED40-18RGBW	40W	18	DMX	DC 24V / AC 100-240V	25°/50°	460*460*175/4pcs	11
LED chips - 3535							
M-06ALED40-18	40W	18	Switch	DC 24V / AC 100-240V	25°/50°	460*460*175/4pcs	11
M-06ALED40-18RGBW	40W	18	DMX	DC 24V / AC 100-240V	25°/50°	460*460*175/4pcs	11

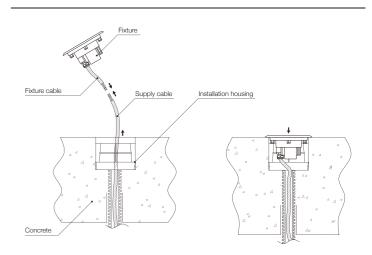




#### M-07

Code	Power	LED Qty	Control Options	Input Voltage	Optics	Packing Size	Weight
LED chips - 3535							
M-07LED60-28	60W	28	Switch	DC 24V / AC 100-240V	25°/50°	540*275*170/2pcs	9.8
M-07LED60-28RGBW	60W	28	DMX	DC 24V / AC 100-240V	25°/50°	540*275*170/2pcs	9.8
LED chips - 3535							
M-07ALED60-28	60W	28	Switch	DC 24V / AC 100-240V	25°/50°	540*275*170/2pcs	9.8
M-07ALED60-28RGBW	60W	28	DMX	DC 24V / AC 100-240V	25°/50°	540*275*170/2pcs	9.8

#### 安装示意图 Installation





N-01~N-03

#### **KKLED**

## Inwater lighting





N-03

40W

#### 简述 Description



















- 316不锈钢灯体外壳及面板
- 高强度钢化玻璃,确保过IK08标准测试要求
- 多种光学配件选项,具有高视觉舒适性和防眩效果
- 灯具光源模组角度可调
- 无生物蓝光危害风险,符号EN62471: 2008 标准
- 所有外部螺钉均为316不锈钢材质
- 316 stainess steel body and frame.
- $\bullet\,$  Higher hardened temperated glass, it ensure pass IK08 standared test.
- Mutiple optics options, it with high visual comfort and good anti glare effect.
- LED module the angle adjustable.
- No photo-biological risk, in accordance with EN 62471:2008.
- All external screw are in 316 stainless steel.

6W / 18W / 40W 功率: 光效: 90-110 Lm/W 色温: 3000K / 4000K / RGBW

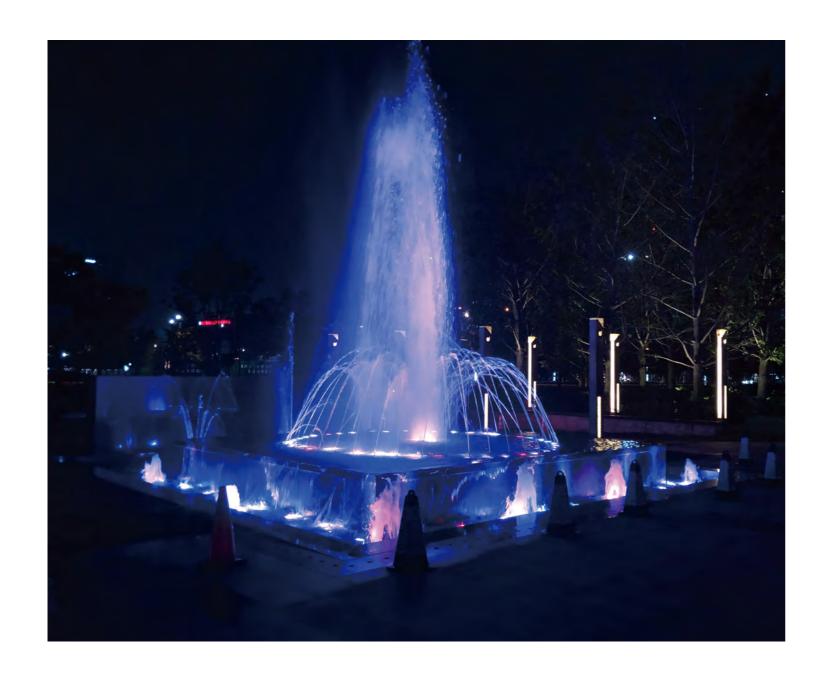
输入电压: DC 24V 功能选项: Switch / DMX

6W / 18W / 40W Nominal efficacy: 90-110 Lm/W CCT: 3000K / 4000K / RGBW

Input volltage: DC 24V Options: Switch / DMX

- 应用场合:水族馆、水池雕塑、广场喷泉、游泳池等场所
- Applications: Aquatic animals exhibition halls, water pool sculptures, fountains, swimming pools etc.





#### 技术参数 Technology data



N-01											
Code	Power	LED Qty	Control Options	Input Voltage	Optics	Packing Size	Weight				
LED chips - 3535 N-01LED6-3	6W	3	Switch	DC 24V	25° / 50°	370*250*150/6pcs	7				
LED chips - RGBW N-01LED6-3RGBW	6W	3	DMX	DC 24V	25° / 50°	370*250*150/6pcs	7				





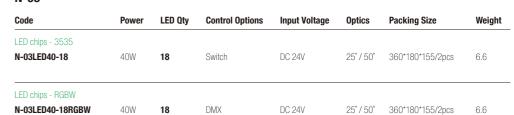
#### N-02

Code	Power	LED Qty	<b>Control Options</b>	Input Voltage	Optics	Packing Size	Weight
LED chips - 3535 N-02LED18-9	18W	9	Switch	DC 24V	25°/50°	350*300*155/4pcs	10.2
LED chips - RGBW N-02LED18-9RGBW	18W	9	DMX	DC 24V	25° / 50°	350*300*155/4pcs	10.2





#### N-03





#### 发光角度 Optics









	L-02 P6 NEW	L-05 P10 NEW	L-09 P14 NEW
Power	12-60W	7-18W	30-100W
Light flux LM	1140→5700	665→1710	3300→11000
Colour temperature K	2700 / 3000 / 4000	2700 / 3000 / 4000	2700 / 3000 / 4000
RGBW	•	•	•
Tunable white 2700K-6000K	•	•	•
DALI	•	-	•
DMX	•	•	•
Lengths (range cm)	326→1470	430→950	560→1530
Ceiling-mounted	•	•	•
Wall-mounted	•	•	•