

LineBase

BGP471/BGP472/BGP473 G2

Mounting instruction / 安装说明书

4441 702 6441 I



Type	Power (W)	Weight (kg)	Length (mm)	Driver Type	V/Hz	# of Lum	System power (W)	Wind force area(m ²)
型号	功率 (W)	重量 (kg)	长度 (mm)	驱动型号		灯具数量	系统功率 (W)	风压面积 (m ²)
BGP472 144 LED G2	12	4.13	1200	EGP472 150/12W 300 G2	220-240V ~ 50/60Hz	5~6	60~72	0.064
	20			EGP472 250/20W 540 G2		6~9	120~180	
	30			EGP472 250/30W 792 G2		6~8	180~240	
BGP472 288 LED G2	40			EGP472 250/40W 540 G2		3~4	120~160	
	50			EGP472 250/50W 660 G2		3~4	150~200	
	60			EGP472 250/60W 804 G2		3~4	180~240	
BGP472 144LED 75W G2	75					1	75	
BGP472 144LED 100W G2	100					1	100	
BGP472 288LED 150W G2	150					1	150	
BGP472 288LED 200W G2	200					1	200	
BGP471 144 LED G2	12	3.47	1000	EGP471 150/12W 300 G2		5~6	60~72	0.053
	20			EGP471 250/20W 540 G2		6~9	120~180	
	30			EGP471 250/30W 792 G2		6~8	180~240	
BGP471 288 LED G2	40			EGP471 250/40W 540 G2		3~4	120~160	
	50			EGP471 250/50W 660 G2		3~4	150~200	
	60			EGP471 250/60W 804 G2		3~4	180~360	
BGP471 144LED 75W G2	75					1	75	
BGP471 144LED 100W G2	100					1	100	
BGP471 288LED 150W G2	150					1	150	
BGP471 288LED 200W G2	200					1	200	
BGP473 288LED G2	22	9.36	1200	EGP473 250/22W 300 G2		3~4	66~88	0.067
	30			EGP473 250/30W 408 G2		3~4	90~120	
	40			EGP473 250/40W 540 G2		3~4	120~160	
	50			EGP473 250/50W 660 G2		3~4	150~200	
	60			EGP473 250/60W 804 G2		3~4	180~240	
BGP473 288LED 75W G2	75					1	75	
BGP473 288LED 100W G2	100					1	100	
BGP473 288LED 150W G2	150					1	150	
BGP473 288LED 200W G2	200					1	200	
BGP473 432LED 320W G2	320					1	320	

*表格中所宣称重量为灯头，不包含支架和驱动
* The weight declared in the form is lamp cap, excluding bracket and drive

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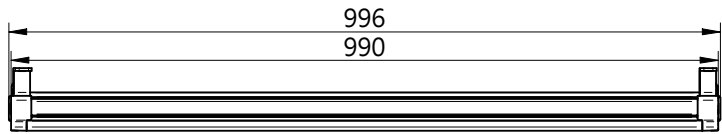
PHILIPS

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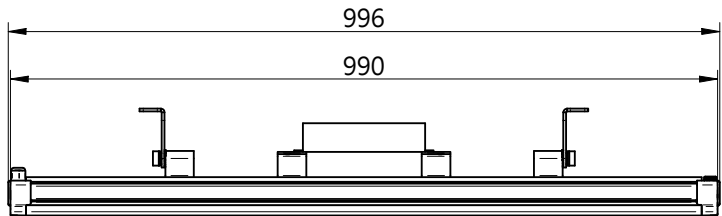
I

Dimensions:
尺寸 (mm) :

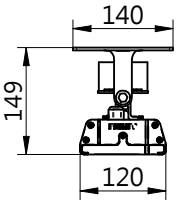
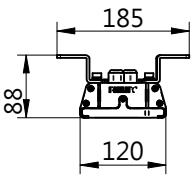
BGP471



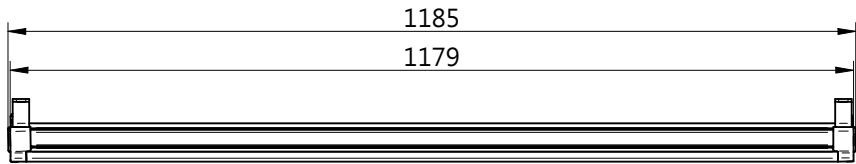
Fixed bracket 固定支架



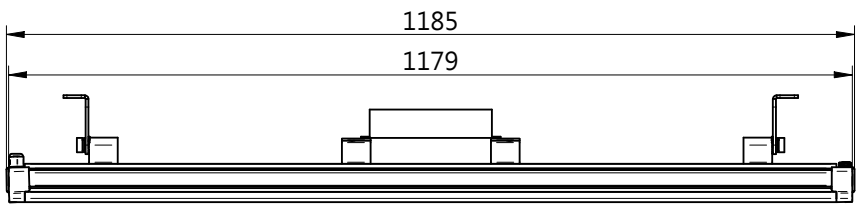
Adjustable bracket 可调支架



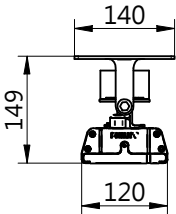
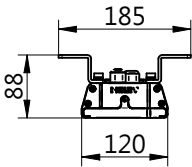
BGP472



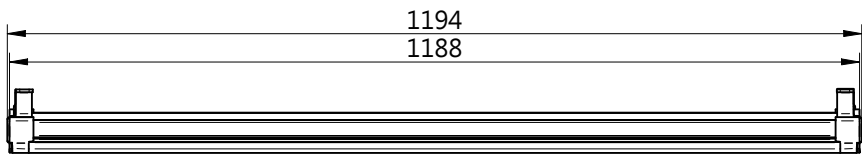
Fixed bracket 固定支架



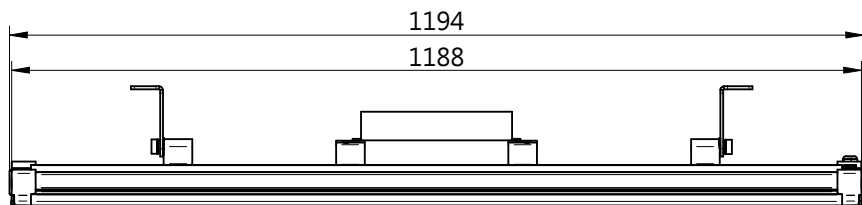
Adjustable bracket 可调支架



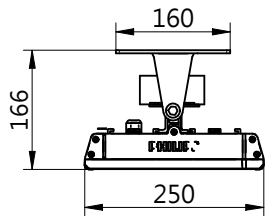
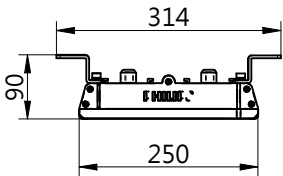
BGP473



Fixed bracket 固定支架



Adjustable bracket 可调支架



II

Mount luminaires

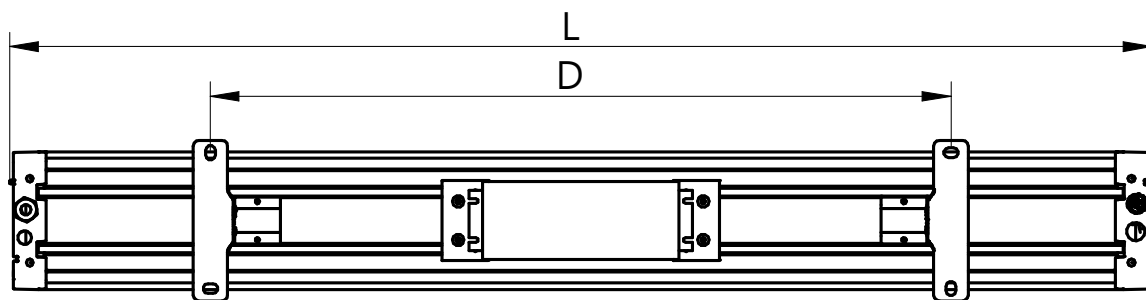
安装灯具



Mount bracket, 4*M6 screw with spring washer, Torque 10N.M.

Mount luminaires, 4*M8 Screw Torque 20N.M

固定支架, 4*M8螺钉加弹簧垫圈, 扭矩10N.m; 固定灯具, 4*M8 螺钉, 扭矩20N.M

Bracket Space(D)/支架间距(D) $\geq L/2$

L=1200mm/1000mm

Mount bracket, 2*M10 screw with spring washer and tooth washer, Torque 25N.M

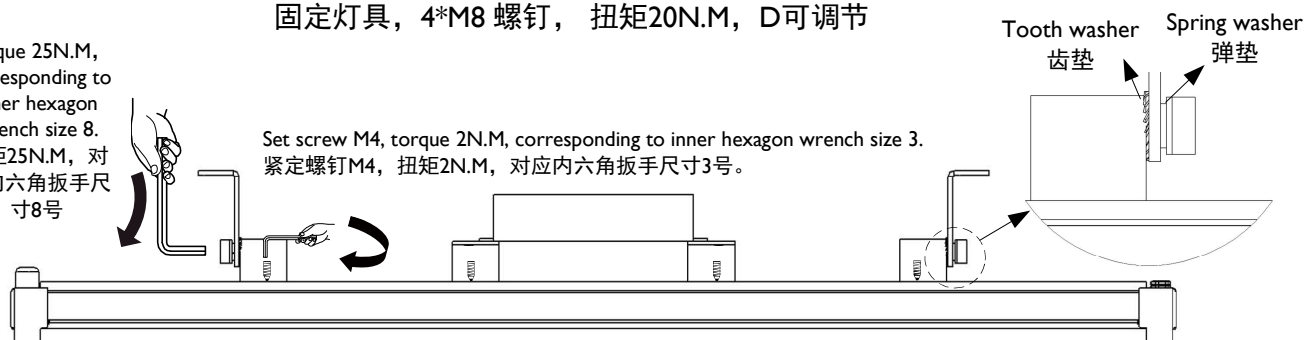
Mount luminaires, 4*M8 Screw Torque 20N.M, "D" is adjustable.

固定支架, 2*M10螺钉带弹垫和齿垫, 扭矩25N.M

固定灯具, 4*M8 螺钉, 扭矩20N.M, D可调节

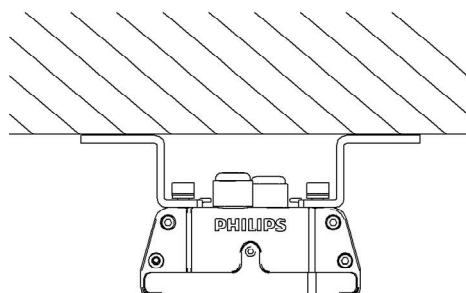
Torque 25N.M,
corresponding to
inner hexagon
wrench size 8.
扭矩25N.M, 对
应内六角扳手尺
寸8号

Set screw M4, torque 2N.M, corresponding to inner hexagon wrench size 3.
紧固螺钉M4, 扭矩2N.M, 对应内六角扳手尺寸3号。



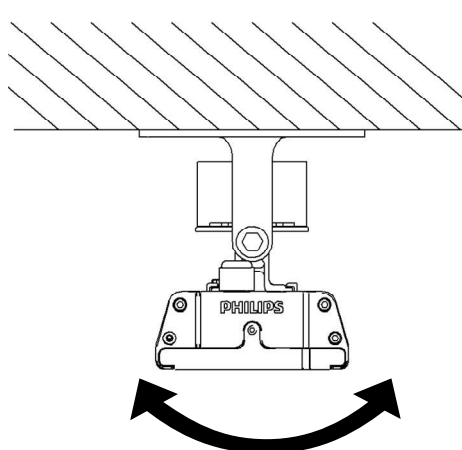
Fixed mounting

固定安装



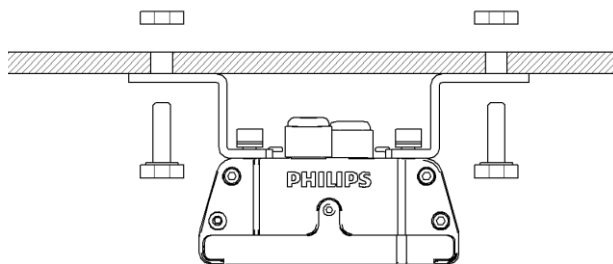
Adjustable mounting angle -60°~+60°

安装角度可调-60°~+60°

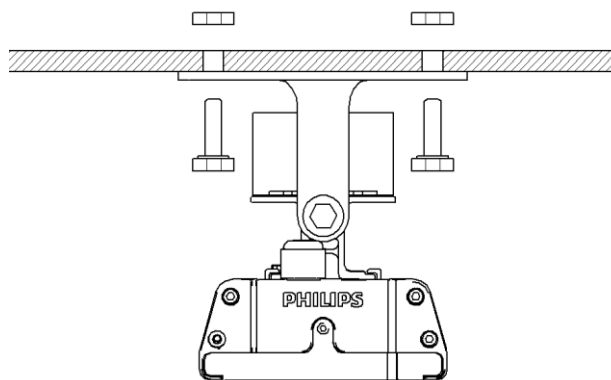


II

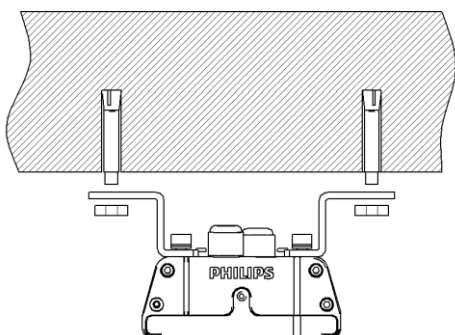
Mounting luminaires 安装灯具



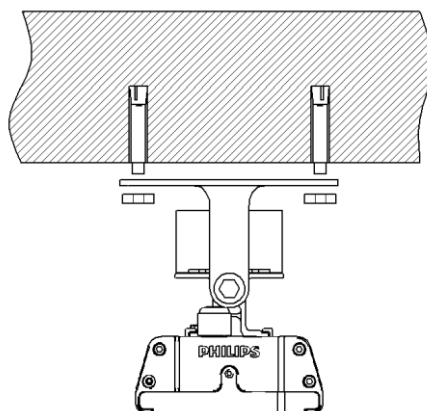
Bolts for installation plate with pole
安装面为平板时使用普通螺栓、螺母固定



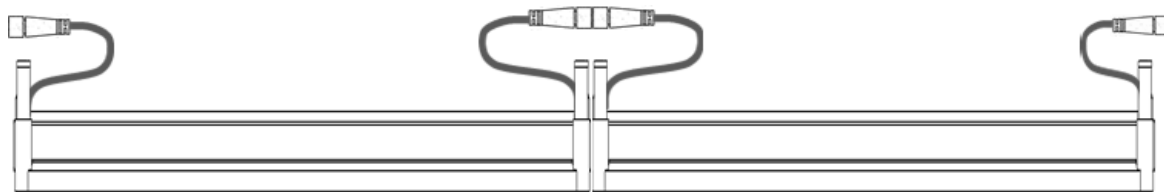
Bolts for surface mounting
安装面为实心墙面使用膨胀螺栓固定



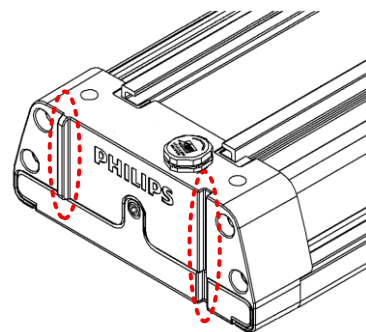
Bolts for surface mounting
安装面为实心墙面使用膨胀螺栓固定



Bolts for surface mounting
安装面为实心墙面使用膨胀螺栓固定



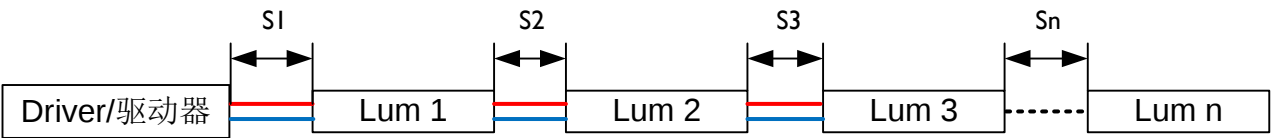
Alignment slot (cavity and plug) at the end
cap is for the continuous installation
灯具连续安装时，定位槽用于灯具定位



III

Wiring
接线

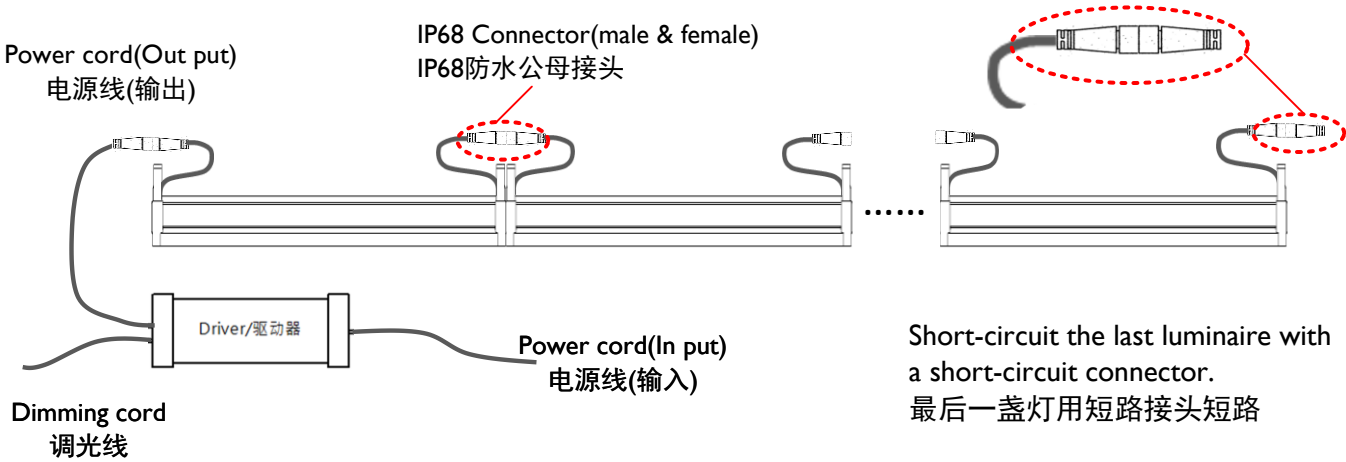
One driver with multiple luminaire wiring
一驱动带多灯头接线



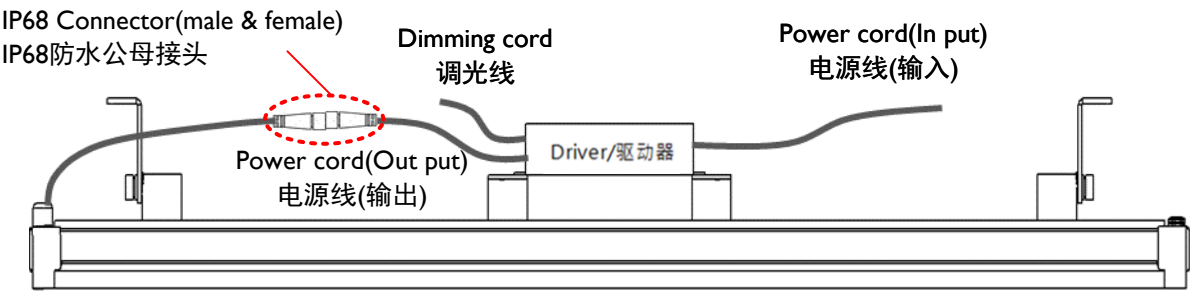
The length of power cord(out put)≤50m
电源到首个灯具的输出线长度S1≤50米

$S=S_1+S_2+S_3+\dots+S_n\leq 65m$ ($S_1\leq 50m$)

The total length of cord in a system ≤65m
单个系统的总线缆长度S≤65米



One driver with one luminaire wiring
一驱动带一灯头接线



Dinning card and power cord shall use IP66 waterproof terminal box or other protective measures, and waterproof terminal box not provided.

调光线和电源线需使用IP66防水接线盒或其他防护措施，且不提供防水接线盒

IP68 Connector(male & female), must be used in pairs and must not bare any connector alone.

IP68防水公母接头，必须成对使用，不可单独裸露任一接头使用。

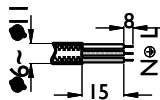
The basic insulation is between the driving circuit and the dimming circuit.

驱动电路与调光电路之间为基本绝缘

Blue/蓝色线: N

Yellow-Green: GND/黄绿线:接地

Brown/棕色线: L



单位: 毫米
Unit:mm

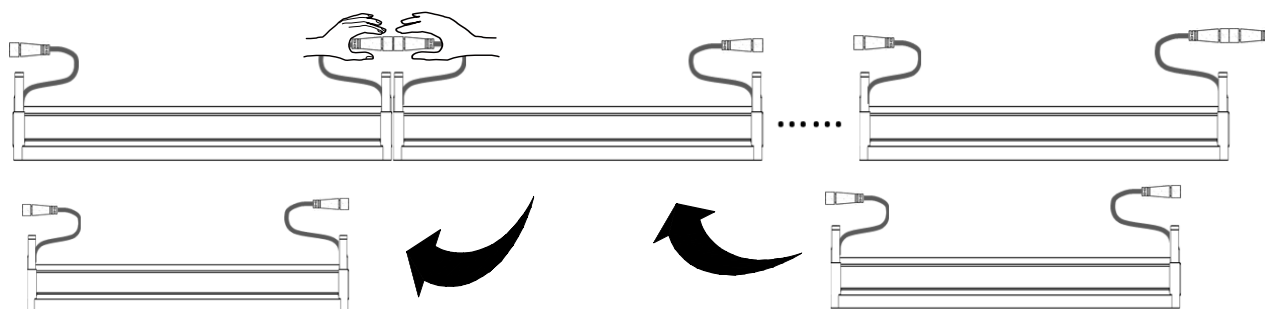
Notice:Correct connection for polarities
注意:正确的极性连接

IV

Replacement and maintenance 损坏器件替换和维护



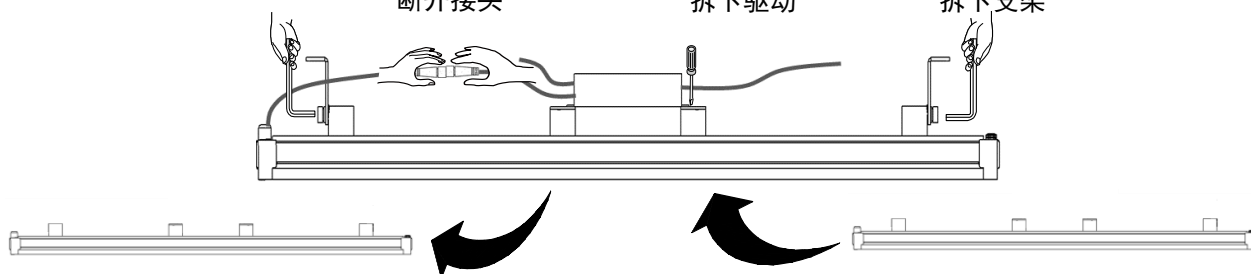
Warning: Switch off main power supply before maintenance
警告:维护前请切断主电源



1. Disconnect the connector of damaged luminaires
断开损坏灯具两端的接头

2. Replace and fix a new luminaire
替换上新的灯具并连接两端接头

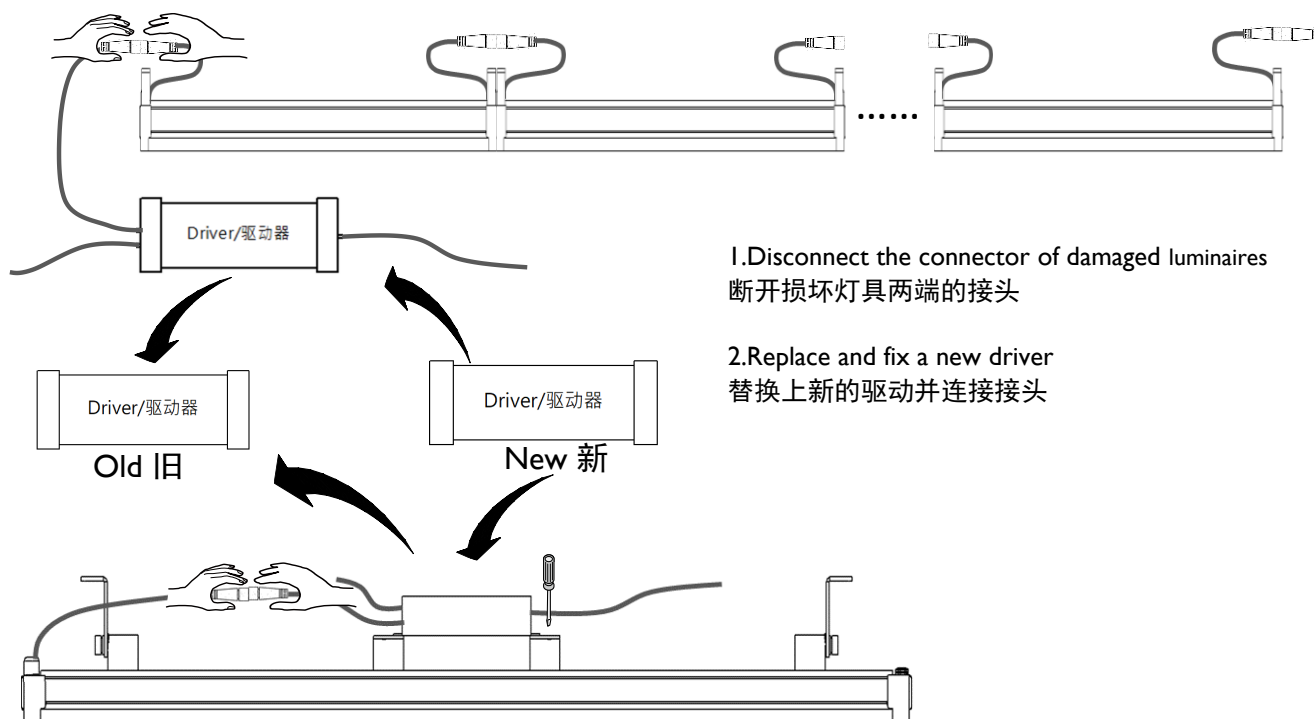
1. Disconnect the connector 断开接头
2. Remove the drive 拆下驱动
3. Remove the Bracket 拆下支架



4. Replace and fix a new luminaire
替换上新的灯具并连接接头

V

Replacement of driver damaged 更换损坏的驱动



1. Disconnect the connector of damaged luminaires
断开损坏灯具两端的接头

2. Replace and fix a new driver
替换上新的驱动并连接接头

产品清单 Product List

灯具描述 Lum description	功率/颗粒 Power/LED	灯头型号 Base type	驱动器型号 Driver model
BGP472 144LED 5 60W G2	60W/5×144×0.07W LED	5× BGP472 144 LED G2	EGP472 150/12W 300 G2
BGP472 144LED 6 72W G2	72W/6×144×0.07W LED	6× BGP472 144 LED G2	EGP472 150/12W 300 G2
BGP472 144LED 6 120W G2	120W/6×144×0.13W LED	6× BGP472 144 LED G2	EGP472 250/20W 540 G2
BGP472 144LED 7 140W G2	140W/7×144×0.13W LED	7× BGP472 144 LED G2	EGP472 250/20W 540 G2
BGP472 144LED 8 160W G2	160W/8×144×0.13W LED	8× BGP472 144 LED G2	EGP472 250/20W 540 G2
BGP472 144LED 9 180W G2	180W/9×144×0.13W LED	9× BGP472 144 LED G2	EGP472 250/20W 540 G2
BGP472 144LED 6 180W G2	180W/6×144×0.19W LED	6× BGP472 144 LED G2	EGP472 250/30W 792 G2
BGP472 144LED 7 210W G2	210W/7×144×0.19W LED	7× BGP472 144 LED G2	EGP472 250/30W 792 G2
BGP472 144LED 8 240W G2	240W/8×144×0.19W LED	8× BGP472 144 LED G2	EGP472 250/30W 792 G2
BGP472 288LED 3 120W G2	120W/3×288×0.13W LED	3× BGP472 288 LED G2	EGP472 250/40W 540 G2
BGP472 288LED 4 160W G2	160W/4×288×0.13W LED	4× BGP472 288 LED G2	EGP472 250/40W 540 G2
BGP472 288LED 3 150W G2	150W/3×288×0.16W LED	3× BGP472 288 LED G2	EGP472 250/50W 660 G2
BGP472 288LED 4 200W G2	200W/4×288×0.16W LED	4× BGP472 288 LED G2	EGP472 250/50W 660 G2
BGP472 288LED 3 180W G2	180W/3×288×0.19W LED	3× BGP472 288 LED G2	EGP472 250/60W 804 G2
BGP472 288LED 4 240W G2	240W/4×288×0.19W LED	4× BGP472 288 LED G2	EGP472 250/60W 804 G2
BGP471 144LED 5 60W G2	60W/5×144×0.07W LED	5× BGP471 144 LED G2	EGP471 150/12W 300 G2
BGP471 144LED 6 72W G2	72W/6×144×0.07W LED	6× BGP471 144 LED G2	EGP471 150/12W 300 G2
BGP471 144LED 6 120W G2	120W/6×144×0.13W LED	6× BGP471 144 LED G2	EGP471 250/20W 540 G2
BGP471 144LED 7 140W G2	140W/7×144×0.13W LED	7× BGP471 144 LED G2	EGP471 250/20W 540 G2
BGP471 144LED 8 160W G2	160W/8×144×0.13W LED	8× BGP471 144 LED G2	EGP471 250/20W 540 G2
BGP471 144LED 9 180W G2	180W/9×144×0.13W LED	9× BGP471 144 LED G2	EGP471 250/20W 540 G2
BGP471 144LED 6 180W G2	180W/6×144×0.19W LED	6× BGP471 144 LED G2	EGP471 250/30W 792 G2
BGP471 144LED 7 210W G2	210W/7×144×0.19W LED	7× BGP471 144 LED G2	EGP471 250/30W 792 G2
BGP471 144LED 8 240W G2	240W/8×144×0.19W LED	8× BGP471 144 LED G2	EGP471 250/30W 792 G2
BGP471 288LED 3 120W G2	120W/3×288×0.13W LED	3× BGP471 288 LED G2	EGP471 250/40W 540 G2
BGP471 288LED 4 160W G2	160W/4×288×0.13W LED	4× BGP471 288 LED G2	EGP471 250/40W 540 G2
BGP471 288LED 3 150W G2	150W/3×288×0.16W LED	3× BGP471 288 LED G2	EGP471 250/50W 660 G2
BGP471 288LED 4 200W G2	200W/4×288×0.16W LED	4× BGP471 288 LED G2	EGP471 250/50W 660 G2
BGP471 288LED 3 180W G2	180W/3×288×0.19W LED	3× BGP471 288 LED G2	EGP471 250/60W 804 G2
BGP471 288LED 4 240W G2	240W/4×288×0.19W LED	4× BGP471 288 LED G2	EGP471 250/60W 804 G2
BGP473 288LED 3 66W G2	66W/3×288×0.07W LED	3× BGP473 288LED G2	EGP473 250/22W 300 G2
BGP473 288LED 4 88W G2	88W/4×288×0.07W LED	4× BGP473 288LED G2	EGP473 250/22W 300 G2
BGP473 288LED 3 90W G2	90W/3×288×0.09W LED	3× BGP473 288LED G2	EGP473 250/30W 408 G2
BGP473 288LED 4 120W G2	120W/4×288×0.09W LED	4× BGP473 288LED G2	EGP473 250/30W 408 G2
BGP473 288LED 3 120W G2	120W/3×288×0.13W LED	3× BGP473 288LED G2	EGP473 250/40W 540 G2
BGP473 288LED 4 160W G2	160W/4×288×0.13W LED	4× BGP473 288LED G2	EGP473 250/40W 540 G2
BGP473 288LED 3 150W G2	150W/3×288×0.16W LED	3× BGP473 288LED G2	EGP473 250/50W 660 G2
BGP473 288LED 4 200W G2	200W/4×288×0.16W LED	4× BGP473 288LED G2	EGP473 250/50W 660 G2
BGP473 288LED 3 180W G2	180W/3×288×0.19W LED	3× BGP473 288LED G2	EGP473 250/60W 804 G2
BGP473 288LED 4 240W G2	240W/4×288×0.19W LED	4× BGP473 288LED G2	EGP473 250/60W 804 G2
BGP472 144LED 75W G2	75W/144×0.47W LED	/	/
BGP472 144LED 100W G2	100W/144×0.63W LED	/	/
BGP472 288LED 150W G2	150W/288×0.48W LED	/	/
BGP472 288LED 200W G2	200W/288×0.64W LED	/	/
BGP471 144LED 75W G2	75W/144×0.47W LED	/	/
BGP471 144LED 100W G2	100W/144×0.63W LED	/	/
BGP471 288LED 150W G2	150W/288×0.48W LED	/	/
BGP471 288LED 200W G2	200W/288×0.64W LED	/	/
BGP473 288LED 75W G2	75W/288×0.23W LED	/	/
BGP473 288LED 100W G2	100W/288×0.31W LED	/	/
BGP473 288LED 150W G2	150W/288×0.48W LED	/	/
BGP473 288LED 200W G2	200W/288×0.64W LED	/	/
BGP473 432LED 320W G2	320W/432×0.69W LED	/	/

Disclaimer 免责声明



1. The luminaire shall be installed by a qualified electrician and wired in accordance with the latest IEEE electrical regulations or the national requirements.
灯具应由有资格的电工安装，接线要符合IEE电气标准或国家标准。



2. Switch off main power supply before Installation, maintenance and any operation..
安装、维护 and 任何操作前，必须切断电源。

3.The light source contained in this luminaire shall only be replaced by the manufacturer or his service agent or a similar qualified person.
此灯具内的光源应由制造商或其服务代理商或有类似资格的人来更换。

Caution !
警告，触电危险！

4. the external flexible cable or cord of this luminaire cannot be replaced; if the cord is damaged, the luminaire shall be destroyed.
此灯具的外部软缆或软线不能替换, 如果软线损坏, 该灯具即应报废。

5. Use IP66 grade connection devices with cable clamp to ensure a complete IP66 system.
必须使用防水等级IP66及以上的接线盒，且接线盒内部应有导线固定装置。

6. If a safe chain for luminaire to prevent from falling is necessary to customer, mounting instruction must indicate and mark the position of the safe chain with luminaire and pole, including the Dia.(mm) of spec recommended.
如果安全链对于客户防止灯具坠落是必需的, 说明书必须指出和标明安全链与灯具和灯杆之间连接部位。

7. Tunnel luminaire used physical toughened glass. The glass will be granular after broken.
隧道灯使用的均为物理钢化玻璃，破碎后为颗粒状碎屑。

曲面玻璃: Max 220°C, Min -30°C, Δt 160°C

平面玻璃: Max 220°C, Min -30°C, Δt 200°C

8. Earthing contact to customer end on luminaire must be connected by installer, including whole use process that the earthing contact is always reliably linked to earth ground.

灯具接线安装人员必须将灯具上预留给客户连接到大地的接地点连接上，并且在灯具整个使用过程中，灯具上的接地点和大地之间的连接接触是总是可靠的。

9. The luminaire should avoid storage and usage in such a surroundings or an occasion that is with corrosion or hazardous gas es like sulfide, halide, phthalate and~ so~ on.

10. For periodically cleaning maintenance of luminaire which PC material is exposed to outside, Acid solution or alkali solution cannot be used as a cleaning solution to wash outside surface of luminaire.
为了定期的清洗维护灯具的目的, 对于PC材料暴露在灯具外面的, 酸性或碱性溶液不能被用来作为冲洗灯具的外表面。

11. Manufacturer is not responsible to improper use, change and modification structure on luminaire. Any damage or unsafety losses caused by these factors under not to be allowed, manufacturer do not take any responsibility for this situation.
对于不恰当的使用、更改和修改灯具结构，在未经许可的情况下，任何灯具损坏或由此引起的不安全损失，制造商将不承担任何责任。

12. Rated lifetime 50,000hrs @ 70% Lumen maintenance.
本产品光通维持率衰减到70%的额定寿命为50000小时。

13. All materials used in luminaire must be compliance to RoHS as below table.

所有在灯具中使用的材料，必须符合遵守下表中的要求。

产品中有害物质的名称及含量						
部件名称	有害物质					
	铅 (Pb)	汞 (Hg)	镉 (Cd)	六价铬 (Cr(VI))	多溴联苯 (PBB)	多溴二苯醚 (PBDE)
LED灯板/光源	○	○	○	○	○	○
驱动器(板), 铜制及电子零部件	×	○	○	○	○	○
透镜光学部件	○	○	○	○	○	○
外壳及其它零部件	○	○	○	○	○	○

本表格依据SJ/T 11364的规定编制

○: 表示该有害物质在该部件所有均质材料中的含量均在GB/T 26572规定的限量要求以下。

×: 表示该有害物质至少在该部件所的某一均质材料中的含量超出GB/T 26572规定的限量要求。

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