

# GreenPerform Batten / 一体式LED支架灯

## BN398C

Mounting instruction / 安装说明

BN398C-M01-A

Type 型号	Power (W) 功率(W)	Lumen 流明	CCT 色温	Control mode 控制方式	Trunking 导轨	Optics 配光	Voltage 电压	Hz 频率	Class 等级	能效
BN398C LED20 L1200 PSU OP	15	2100	NW/CW	Fix	NA	OP	220-240V	50/60Hz	I	1
BN398C LED40 L1200 PSU OP	29	4100	NW/CW	Fix	NA	OP	220-240V	50/60Hz	I	1.7
BN398C LED69 L1200 PSU OP	49	6900	NW/CW	Fix	NA	OP	220-240V	50/60Hz	I	1.7
BN398C LED71 L1500 PSU OP	61	8500	NW/CW	Fix	NA	OP	220-240V	50/60Hz	I	2
BN398C LED20 L1200 PSD OP	15	2100	NW/CW	DALI	NA	OP	220-240V	50/60Hz	I	1
BN398C LED40 L1200 PSD OP	30	4100	NW/CW	DALI	NA	OP	220-240V	50/60Hz	I	1.7
BN398C LED69 L1200 PSD OP	49	6800	NW/CW	DALI	NA	OP	220-240V	50/60Hz	I	1.7
BN398C LED71 L1500 PSD OP	61	8500	NW/CW	DALI	NA	OP	220-240V	50/60Hz	I	2
BN398C LED20 L1200 PSU DA	16	2000	NW/CW	Fix	NA	DA	220-240V	50/60Hz	I	1
BN398C LED40 L1200 PSU DA	29	4100	NW/CW	Fix	NA	DA	220-240V	50/60Hz	I	1.7
BN398C LED69 L1200 PSU DA	55	7000	NW/CW	Fix	NA	DA	220-240V	50/60Hz	I	1.7
BN398C LED71 L1500 PSU DA	68	8700	NW/CW	Fix	NA	DA	220-240V	50/60Hz	I	2
BN398C LED20 L1200 PSU WB	16	2000	NW/CW	Fix	NA	WB	220-240V	50/60Hz	I	1
BN398C LED40 L1200 PSU WB	29	4100	NW/CW	Fix	NA	WB	220-240V	50/60Hz	I	1.7
BN398C LED69 L1200 PSU WB	55	7000	NW/CW	Fix	NA	WB	220-240V	50/60Hz	I	1.7
BN398C LED71 L1500 PSU WB	68	8700	NW/CW	Fix	NA	WB	220-240V	50/60Hz	I	2
BN398C LED40 L1200 CL OP	31	4100	NW/CW	Coded lighting	NA	OP	220-240V	50/60Hz	I	1.7
BN398C LED69 L1200 CL OP	50	6800	NW/CW	Coded lighting	NA	OP	220-240V	50/60Hz	I	1.7
BN398C LED71 L1500 CL OP	68	8500	NW/CW	Coded lighting	NA	OP	220-240V	50/60Hz	I	2
BN398C LED20 L600 POE OP	15	2000	NW/CW	POE	NA	OP	51-54Vdc	NA	III	1
BN398C LED40 L1200 POE OP	30	4100	NW/CW	POE	NA	OP	51-54Vdc	NA	III	1.7
BN398C LED69 L1200 POE OP	45	6800	NW/CW	POE	NA	OP	51-54Vdc	NA	III	1.7
BN398C LED20 L600 PSU OP TC	15	2100	NW/CW	Fix	Fix	OP	220-240V	50/60Hz	I	1.1
BN398C LED40 L1200 PSU OP TC	29	4100	NW/CW	Fix	Fix	OP	220-240V	50/60Hz	I	1.7
BN398C LED69 L1200 PSU OP TC	45	6800	NW/CW	Fix	Fix	OP	220-240V	50/60Hz	I	1.7
BN398C LED20 L600 PSD OP TC	15	2100	NW/CW	DALI	DALI	OP	220-240V	50/60Hz	I	1.1
BN398C LED40 L1200 PSD OP TC	30	4100	NW/CW	DALI	DALI	OP	220-240V	50/60Hz	I	1.7
BN398C LED69 L1200 PSD OP TC	45	6800	NW/CW	Fix	Fix	DA	220-240V	50/60Hz	I	1.1
BN398C LED20 L600 PSU DA TC	16	2000	NW/CW	Fix	Fix	DA	220-240V	50/60Hz	I	1.1
BN398C LED40 L1200 PSU DA TC	29	4100	NW/CW	Fix	Fix	DA	220-240V	50/60Hz	I	1.7
BN398C LED69 L1200 PSU DA TC	45	6800	NW/CW	Fix	Fix	WB	220-240V	50/60Hz	I	1.1
BN398C LED20 L1200 PSU WB TC	29	4100	NW/CW	Fix	Fix	WB	220-240V	50/60Hz	I	1.7
BN398C LED40 L1200 CL OP TC	31	4100	NW/CW	Coded lighting	DALI	OP	220-240V	50/60Hz	I	1.7

  

Control mode 控制方式	Trunking 导轨	Lum. spec 灯具规格	L*W*H (mm)
Fix	NA	L600	573 58 58
DALI	NA	L1200	1135 58 58
Coded lighting	NA	L1500	1416 58 58

  

Control mode 控制方式	Trunking 导轨	Lum. spec 灯具规格	L*W*H (mm)
POE	NA	L600	626 58 62
	NA	L1200	1188 58 62

  

Control mode 控制方式	Trunking 导轨	Lum. spec 灯具规格	L*W*H (mm)
DALI	NA	L600	573 58 110
Coded lighting	NA	L1200	1135 58 110

  

Control mode 控制方式	Trunking 导轨	Lum. spec 灯具规格	L*W*H (mm)
Fix	Fix	L600	573 58 94
	Fix	L1200	1135 58 94

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### 1 Ceiling mounting equipped with symmetrical brackets 对称支架吸顶安装

- According to mounting sizes to drill holes and proper depths.  
按安装尺寸钻孔和合理的深度
- Insert plastic pipes into holes.  
将塑料管插入孔内
- Fix brackets by screws ST3.9x30 (2x)  
用螺钉ST3.9x30 (2x)固定支架

### 2 Mounting sizes for ceiling mounting 对称支架吸顶安装尺寸

Type 型号	L1 (mm)
BN398C/L600	387±20
BN398C/L1200	843±20
BN398C/L1500	1124±20

Note: Accessories BY398Z CM-S are Not included in luminaire. Need to order on accessories.  
注意: BY398Z CM-S配件不包含在灯具中, 需要单独订配件。

### 3

Control mode  
控制方式

Trunking  
导轨

POE

NA

Recommended Switch models/推荐使用:  
Cisco WS-C3850-24U-  
L-Huawei S5720-16X-PWH- LI-AC  
- Driver model: PHILIPS POE LC25W or 45W

POE driver/POE驱动  
The maximum length of the cable to be 20 meters.  
网线最大长度建议为20m.

Plug in RJ45 Ethernet wire (CAT5E or CAT6 cable)  
插上RJ45网线(超五类或者六类)

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

60227 IEC52  
3 pole 0.75-1mm<sup>2</sup> Multi-core with PVC insulated layer  
0.75-1mm<sup>2</sup> 三芯 PVC 护套软线

DALI or coded lighting mode  
DALI 或 编码灯光模式

Symmetrical surface mounting  
对称吸顶安装

### 1 Symmetrical suspending brackets with pipe mounting 对称吊杆支架带吊杆配件安装

Fixing pipe to ceiling surface  
将吊杆安装到顶部

Note: Accessories BY398Z SPM-S and BY208Z SP are Not included in luminaire. Need to order on accessories.  
注意: 配件BY398Z SPM-S和BY208Z SP不包含在灯具中, 需要单独订配件。

### 2 Sizes on symmetrical suspending brackets with pipe mounting 对称吊杆支架带吊杆配件安装

Type 型号	L2 (mm)
BN398C/L600	387±20
BN398C/L1200	843±20
BN398C/L1500	1124±20

### 3

Control mode  
控制方式

Trunking  
导轨

POE

NA

Recommended Switch models/推荐使用:  
Cisco WS-C3850-24U-  
L-Huawei S5720-16X-PWH- LI-AC  
- Driver model: PHILIPS POE LC25W or 45W

POE driver/POE驱动  
The maximum length of the cable to be 20 meters.  
网线最大长度建议为20m.

Plug in RJ45 Ethernet wire (CAT5E or CAT6 cable)  
插上RJ45网线(超五类或者六类)

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

60227 IEC52  
3 pole 0.75-1mm<sup>2</sup> Multi-core with PVC insulated layer  
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DALI or coded lighting mode  
DALI 或 编码灯光模式

Symmetrical surface mounting  
对称吸顶安装

### 4 Symmetrical suspending brackets with pipe mounting 对称吊杆支架带吊杆配件安装

M6x40 (4x)  
Torque: 4Nm

### 5 Accessories for option / 可选配件

Type	Accessories name / 配件名称
BY398Z CM-S	Symmetrical bracket accessory for ceiling mounting / 吸顶安装对称支架配件
BY398Z SPM-S	Symmetrical bracket accessory for pipe mounting / 吊杆安装对称支架配件
BY208Z SP	Suspending pipe accessories / 吊杆配件
RCS170 1C L1000 WH	Fix trunking accessory WH / Fix 导轨(1米)配件(白)
RCS170 1C L2000 WH	Fix trunking accessory WH / Fix 导轨(2米)配件(白)
BY398Z DALI TC L1000 WH	DALI trunking accessory WH / DALI 导轨(1米)配件(白)

Luminaires with two optic diffusers, one is transparent, another is frosted. Please tear off protective film after installation  
灯具带两种光学罩: 一种是透明的, 另一种是雾面的; 灯具安装结束后请将透光罩上所附贴膜撕下。

- The luminaire shall be installed by a qualified electrician and wired in accordance with the latest IEE 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。
- Do not switch on before completed installation.  
接线或安装未完成前, 切勿通电。
- The luminaire is suitable for direct mounting or normally flammable material.  
灯具适合于直接安装在普通可燃材料表面。
- The light source contained in this luminaire shall only be replaced by the manufacturer or his service agent or a similar qualified person.  
此灯具的光源应由制造商或其服务提供商或类似资格的人来更换。
- The corrosive atmosphere or hazardous materials such as sulfur, chlorine, phthalate, etc must be avoided during the use and the luminaire should be avoided in corrosive environment or containing hazardous materials, such as sulfur, chlorine, phthalate, etc must be avoided during the use and the luminaire should be avoided in corrosive environment or containing hazardous materials.
- Luminaires only for indoor use. For under vibration ambient luminaires using, please confirm with signly agents  
本灯具仅供室内使用。对处在振动环境下的灯具使用, 请与飞利浦经销商确认。
- If the external flexible cable or cord of this luminaire is damaged, it shall be exclusively replaced by the manufacturer or his agent or a similar qualified person in order to avoid a hazard.  
如果此灯具的外部软线或软线损坏了, 该线应由制造商或其服务提供商或类似资格的人来更换, 以避免发生危险。
- For controller terminal, the insulation between LV supply and control conductor is basic insulation at least.  
可控灯具产品中, LV电路和控制导体之间是基本绝缘。
- Please insert Signly Luminaire (Shanghai) Co., Ltd. to choose products when the application environment has vibration.  
应用环境如果有振动, 需要咨询飞利浦灯具(上海)有限公司选择产品。

1 Fix trunking mounting (RCS170 1C L1000 WH or L2000 WH) for Luminaire with Fix Adaptors  
灯具有Fix Adaptors的Fix导轨安装 (RCS170 1C L1000 WH 或 L2000 WH)

1-circuit (1路) 220-240V~, 16A, 3.5-3.8 KW  
Fix trunking connection by trunking connector  
用Fix导轨连接器连接Fix导轨

Warning: Max. quantities of Luminaires are connected to Fix Trunking on 1 circuit must be less than total 13A and total 3.2KW (Keep 1.2 times safety coefficient)  
注意: 最大灯具数量连接到1个回路的Fix导轨总电流小于13A, 总功率小于3.2KW, (保持1.2倍安全系数)

Cable enters into Fix trunking power connector  
电缆进入Fix导轨供电连接器

M3 (2x) Torque: 3Nm

M3 (4x) Torque: 2Nm

Fix Trunking  
Fix导轨

Raised rib  
凸起槽

Fix Adaptor  
Fix转接头

Slot  
凹槽

Warning: The slots on the Fix Adaptors must be aimed at raised ribs on the Fix Trunking  
注意: Fix Adaptors的槽必须对准Fix导轨的凸起槽

60227 IEC52  
3 pole 0.75-1mm<sup>2</sup> Multi-core with PVC insulated layer  
0.75-1mm<sup>2</sup> 三芯 PVC 护套软线

Max. 16A

N  
L  
N

60mm  
8mm  
40mm  
Ø7-9mm

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

Note: Do not provide cables for Fix trunking accessory RCS170 1C L1000 WH or L2000 WH  
注意: 对Fix导轨配件RCS170 1C L1000 WH 或 L2000 WH, 不提供电缆。

3. Push handle to shown position that means luminaire is locked on the Fix Trunking  
推手柄到图示位置意味灯具被锁在Fix导轨上了

2. Push handle to shown position that means luminaire is locked on the Fix Trunking  
推手柄到图示位置意味灯具被锁在Fix导轨上了

1. First rotate circular dish to "OFF". Luminaire is switched off. When finished 2 and 3 steps and then rotated it to "ON". Luminaire is switched on.  
先旋转圆盘到OFF, 灯具被关闭。当完成2和3步骤后, 然后再将圆盘旋转到ON, 灯具被点亮。

Note: Fix trunking accessories RCS170 1C L1000 WH or L2000 WH are Not included in luminaire. Need to order on trunking accessories.  
注意: Fix导轨配件RCS170 1C L1000 WH or L2000 WH不包含在灯具中, 需要单独订Fix导轨配件。

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1 DALI trunking mounting (BY398Z DALI TC L1000 WH) for Luminaire with DALI Adaptors  
灯具有DALI Adaptors的DALI导轨安装 (BY398Z DALI TC L1000 WH)

3 circuit (3回路)  
220-250V~, 16A, 3.7KW or  
220-250V/400V~, 16A, 11KW DALI Trunking system  
connection by Trunking connector  
用DALI导轨连接器连接DALI导轨

Knock out the cable entry cover by using a screw driver  
请使用一字螺丝起子撬开电缆入口盖

Optional entry  
可选电源入口

M3 (2x) Torque: 2Nm

Warning: Max. quantities of Luminaires are connected to DALI Trunking on 1 circuit must be less than total 13A and total 9.2KW (Keep 1.2 times safety coefficient)  
注意: 最大灯具数量连接到1个回路的DALI导轨总电流小于13A, 总功率小于9.2KW, (保持1.2倍安全系数)

Cable enters into DALI trunking power connector  
电缆进入DALI导轨供电连接器

DALI trunking  
DALI导轨

DALI rear cover  
DALI后盖

DALI rear cover must be aimed at slots as the arrows shown  
DALI后盖和导轨上的匹配槽必须对准

60227 IEC52  
0.75-1mm<sup>2</sup> Multi-core with PVC insulated layer  
0.75-1mm<sup>2</sup> PVC 护套软线

70mm  
10mm  
80mm  
Ø7-9mm

220-250V~ 16A, 3.7KW  
220-250V/400V~ 16A, 11KW

3-CIRCUIT  
3-PHASE

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

Note: Do not provide cables for DALI trunking accessory BY398Z DALI L1000 WH  
注意: 对DALI导轨配件BY398Z DALI L1000 WH, 不提供电缆。

1. First rotate circular dish to "OFF". Luminaire is switched off. When finished 2 and 3 steps and then rotated it to "ON" position. Luminaire is switched on. Note: Factory connected to L1 on the power connector for DALI trunking  
先旋转圆盘到OFF, 灯具被关闭。当完成2和3步骤后, 然后再将圆盘旋转到"ON"位置, 灯具被点亮。注意: 出厂DALI导轨供电线接在"L1"位置, 圆盘转到"ON"位置灯具点亮。

2. Push handle from shown position to another end that means luminaire is locked on the DALI Trunking  
推手柄从图示位置到另一端, 意味灯具被锁在DALI导轨上了

Warning: The raised ribs on DALI Adaptors must be aimed at no raised rib on matched trunking side.  
注意: DALI Adaptors上的凸起槽必须对准无凸起槽的导轨一侧。

3. Rotate handle from "OFF" position to shown arrow position ("ON") that means luminaire is locked on the DALI Trunking  
旋转手柄从图示OFF位置到箭头位置("ON") 意味灯具被锁紧在DALI导轨上。

Note: DALI trunking accessories are Not included in luminaire. Need to order on DALI trunking accessories.  
注意: DALI导轨配件不包含在灯具中, 需要单独订DALI导轨配件。

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