

STRAIGHT 4.60M LUMINAIRE



















| OVERALL INFORMATION | |
|---|--|
| Dimensions Luminaire weight without battery Material and paint treatment Max Power Implementation of a surge arrester | H 4600 x W 250 x D 110 + D luminaire 95 kg Aluminum pole and arm - Powder paint (seafront and seaside on request) 19W Category Electronic Equipment > IV |

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|---|----|----|--|

L80 > 50 000 hours @700mA @Tg=25°C Litetime L70 > 60 000 hours @500mA @Ta=55°C Manufacturer PHILIPS/OSRAM

Lumen/Watt efficiency/Color T° See range PhotoLight Straight + 6000R/Eclisse/Ello/Feeze M synoptic

Outgoing nominal flow Optical performance Luminaire nominal efficiency

See range PhotoLight Straight + 6000R/Eclisse/Ello/Feeze M synoptic

| BATTERY | NIMH technology |
|---|--|
| Protection index Battery weight Total power Voltage / Nominal capacity Nominal lifetime | IP66 5 kg or 9kg 264 Wh or 528 Wh 12V/22 Ah or 24V/22Ah 10 years |

Number of panels - Technology 4 - Monocrystalline Unit power 39W Voltage 36V IK08 IK panels

WIFI GPS

Wireless connection to the lighting point allowing autonomous management. Programming of a luminaire, then dispatch of parameters by radio (zigbee) via GPS to all the luminaires in the same group.

1 - SMART LUM DIALOG = configurable in the factory on demand or on site

Autonomous mode: the light turns on at dusk and turns off at dawn. Three time periods (beginning, middle, end of night) are available to set lighting power level. Schedule mode: the lighting power level is defined hour by hour.

Smart dimming: the lighting power level automatically adjusts to last all night. Detect: activates street lighting, creates a lighting path, allows the synchronization of a group of luminaires after motion detection.

On/Off (blackout): specific command to intervene directly on the lighting.

2 - SMART LUM = factory configured on demand

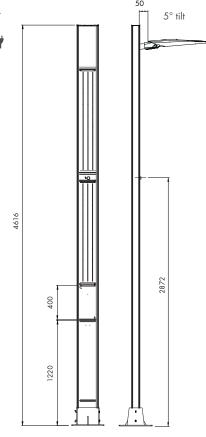
DETECT PROG CYCLES

WEB INTERFACE

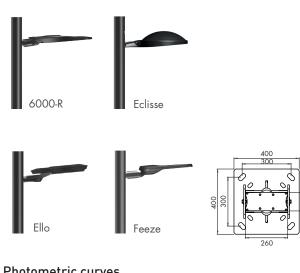
Activates street lighting after motion detection.

The light turns on at dusk and turns off at dawn. Three time periods (beginning, middle, end of night) are available to set lighting power level.

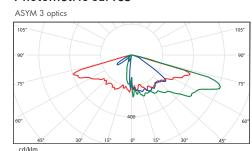
| ELECTRONIC CARD | SMART LUM DIALOG | SMART LUM |
|--------------------------|-------------------------------------|-------------------------------------|
| Battery Management (BMS) | Yes | Yes |
| Solar Charger | Yes | Yes |
| Communication | WIFI and ZIGBEE | - |
| Date and time setting | by GPS | - |
| Movement detector | High-frequency, detection up to 10m | High-frequency, detection up to 10m |



Location of the battery



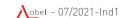
Photometric curves



According to location and orientation of the luminaire - On study.

| | C0 -C180 |
|------------------------------|---|
| COMPLIANCE | |
| Standards and certifications | EN 60598-1 / 2-3 Lighting: General requirements and tests - Public lighting luminaires EN 62722-2-1 Performance of luminaires: Requirements for LED luminaires UTE C15-712-2 Practical guide - Stand-alone photovoltaic installations not connected to the public distribution network with battery storage EN 40-6 Specification for aluminum public lighting candelabra |
| OPERATING TEMPERATURE | |
| | Operating temperature range: -20°C to 80°C |
| INSTALLATION | |
| Means of installation | Sealing rods not provided, specific according to the wind area See installation instructions |

Inside the pole as standard





STRAIGHT 5.80M LUMINAIRE













| DNOMOUS SCHEDULE Certificate DIMMIN DETECT | OFF ONOMOUS SCH | Energy Savings Certificate | DIMMI | DETECT DETECT | Hybrid |
|--|-----------------|----------------------------------|-------|---------------|--------|
|--|-----------------|----------------------------------|-------|---------------|--------|

| Dimensions |
|------------------------------------|
| Luminaire weight without battery |
| Material and paint treatment |
| Max Power |
| Implementation of a surge arrester |

H 5800 x W 250 x D 110 + D lumingire

115 ka

Aluminum pole and arm - Powder paint (seafront and seaside on request)

19W

Category Electronic Equipment > IV

Lifetime L80 > 50 000 hours @700mA @Tq=25°C L70 > 60 000 hours @500mA @Ta=55°C Manufacturer PHILIPS/OSRAM

Lumen/Watt efficiency/Color T° See range PhotoLight Straight + 6000R/Eclisse/Ello/Feeze M synoptic

Outgoing nominal flow Optical performance Luminaire nominal efficiency **Optics**

See range PhotoLight Straight + 6000R/Eclisse/Ello/Feeze M synoptic

Protection index Battery weight Total power Voltage / Nominal capacity Nominal lifetime

NIMH technology

IP66 9 kg 18 kg 528 Wh 1056 Wh 24V/22 Ah or 24V/44Ah 10 years

Number of panels - Technology Unit power

Voltage IK panels

6 - Monocrystalline

39W 36V IK08

1 - SMART LUM DIALOG = configurable in the factory on demand or on site

WIFI GPS to all the luminaires in the same group. **WEB INTERFACE**

Wireless connection to the lighting point allowing autonomous management. Programming of a luminaire, then dispatch of parameters by radio (zigbee) via GPS

Autonomous mode: the light turns on at dusk and turns off at dawn. Three time periods (beginning, middle, end of night) are available to set lighting power level. Schedule mode: the lighting power level is defined hour by hour.

Smart dimming: the lighting power level automatically adjusts to last all night. Detect: activates street lighting, creates a lighting path, allows the synchronization of a group of luminaires after motion detection.

On/Off (blackout): specific command to intervene directly on the lighting.

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DETECT Activates street lighting after motion detection. PROG CYCLES

The light turns on at dusk and turns off at dawn. Three time periods (beginning, middle, end of night) are available to set lighting power level.

Battery Management (BMS) Solar Charger Communication Date and time settina Movement detector

Yes Yes WIFI and ZIGBEE by GPS

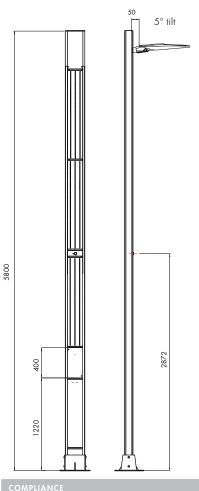
SMART LUM DIALOG

High-frequency, detection up to 10m

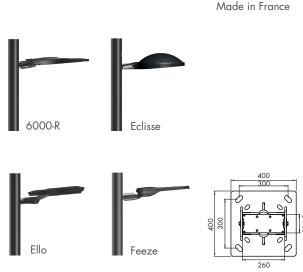
Yes Yes

High-frequency, detection up to 10m

SMART LUM



Standards and certifications



Photometric curves

ASYM 3 optics

| 60° 400 60° 45° 30° 15° 0° 15° 30° 45° Cd/klm C0 - C180 C90 - C270 C20 - C200 |
|--|
| |
| EN 60598-1 / 2-3 Lighting: General requirements and tests - Public lighting luminaires: EN 62722-2-1 Performance of luminaires: Requirements for LED luminaires UTE C15-712-2 Practical guide - Stand-alone photovoltaic installations not connected to the public distribution network with battery storage EN 40-6 Specification for aluminum public lighting candelabra |
| |

| EN 40-6 Specification for aluminum public lighting candelab | ora |
|---|--------|
| OPERATING TEMPERATURE | |
| Operating temperature range: -20°C to 80°C | |
| INSTALLATION | |
| Means of installation Sealing rods not provided, specific according to the wind a See installation instructions Location of the battery Inside the pole as standard | area |
| AUTONOMY According to location and orientation of the luminaire - On | study. |



STRAIGHT 7M LUMINAIRE















| Dimensions |
|----------------------------------|
| Luminaire weight without battery |
| Material and paint treatment |
| Max Power |

Implementation of a surge arrester

H 7000 x W 250 x D 110 + D lumingire 135 kg

Aluminum pole and arm - Powder paint (seafront and seaside on request) 19W

Category Electronic Equipment > IV

Lifetime L80 > 50 000 hours @700mA @Tg=25°C $L70 > 60\,000 \text{ hours } @500\text{mA } @Ta=55^{\circ}\text{C}$

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Lumen/Watt efficiency/Color T° See range PhotoLight Straight + 6000R/Eclisse/Ello/Feeze M synoptic

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See range PhotoLight Straight + 6000R/Eclisse/Ello/Feeze M synoptic

18 kg

1056 Wh

Protection index IP66 Battery weight 9 kg Total power 528 Wh Voltage / Nominal capacity 24V/22 Ah or 24V/44Ah Nominal lifetime 10 years

Number of panels - Technology

Unit power Voltage IK panels

WIFI

WEB INTERFACE

GPS

8 - Monocrystalline

NIMH technology

39W 36V IK08

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The light turns on at dusk and turns off at dawn. Three time periods (beginning) middle, end of night) are available to set lighting power level

Battery Management (BMS) Solar Charger Communication Date and time setting Movement detector

Yes by GPS

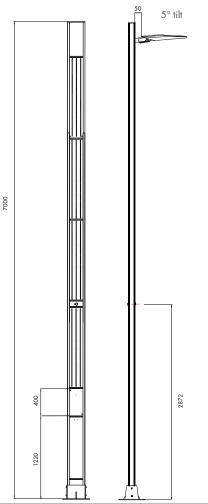
SMART LUM DIALOG

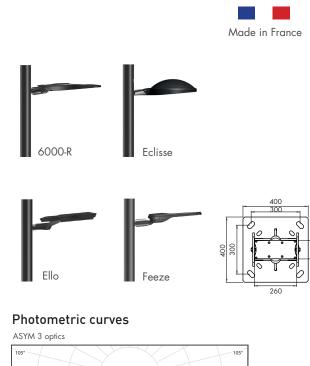
Yes WIFI and ZIGBEE High-frequency, detection up to 10m

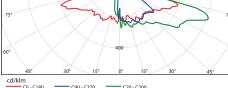
Yes Yes

High-frequency, detection up to 10m

SMART LUM







Standards and certifications EN 60598-1 / 2-3 Lighting: General requirements and tests - Public lighting luminaires EN 62722-2-1 Performance of luminaires: Requirements for LED luminaires UTE C15-712-2 Practical guide - Stand-alone photovoltaic installations not connected to the public distribution network with battery storage EN 40-6 Specification for aluminum public lighting candelabra

Operating temperature range: -20°C to 80°C

Means of installation Sealing rods not provided, specific according to the wind area See installation instructions Location of the battery Inside the pole as standard

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