BRiMMEL

LIGHTING *your* WAY

OUTDOOR
SOLAR
LIGHT

BRiMMEL

NINGBO VERTAK MECHANICAL&ELECTRONIC CO.,LTD.

Add: #288 Guangming Road Zhuangshi Town Zhenhai, Ningbo China

Features

SOLAR

MOTION ACTIVATED

IP44

SUPER BRIGHT

HIGH LUMEN

" At **BRIMMEL** we feel we all should help to improve our world. We empower **innovation** by adding new technologies to everyday products. We are confident you will **enjoy** the use of our carefully manufactured high output solar lighting products as much as we enjoyed **designing** them.

BRiMMEL

Key Points

» **smart product concept**
high quality solar panel | variety of functions

» **well balanced range**
designs for various taste | choice in materials | wall & garden

» **good value perception**
premium perception | private label price | strong promotions

» **convenience at your fingertips**
local replenishment | exclusive models | follow the leader

BSCI   ETL   FC   DLC   CE   RoHS   EMC

Material:
stainless steel + PC

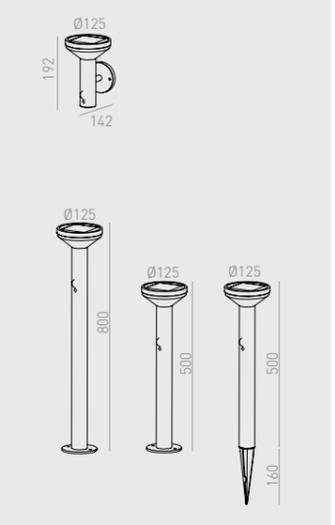**Lampholder/Watt:**
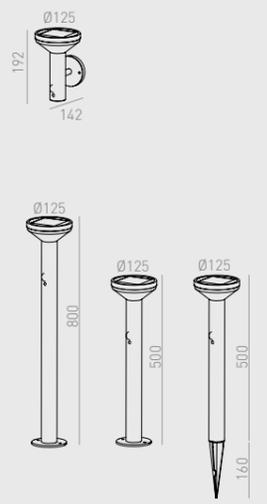*LED. 1.7W / 200lm*

IP44 CE

Solar Panel
0.88W, High efficiency monocrystalline solar panel.

1x1200mAh Li-ion / 3.7V (included)

Low-Medium-High switch
Long press 3s to start
A. After dark, 20lm permanently on
B. After dark, 20lm permanently on + change to 80lm when motion detected After 25s, return back to 20lm .
C. After dark, 200lm when motion detected + off if no motion after 25s Long press 3s to turn it off .

200lm
20lm

SMD incl.

3.7V-

)))SENSOR MAX 10±2M

~25 sec

110°

Ø125
192
142

Ø125
800

Ø125
500

Ø125
500
160

TL0201296

TL0201511   **TL0201559**

TL0201559+SPIKE

Material:
stainless steel + PC

Lampholder/Watt:
LED. 1.7W / 200lm

IP44

CE

☀ **Solar Panel**
0.88W, High efficiency monocrystalline solar panel.

🔋 *1x1200mAh Li-ion / 3.7V (included)*

TL0201296-BK

👆 *Low-Medium-High* **switch**

Long press 3s to start
A. After dark, 20lm permanently on
B. After dark, 20lm permanently on + change to 80lm when motion detected After 25s, return back to 20lm .
C. After dark, 200lm when motion detected + off if no motion after 25s Long press 3s to turn it off .

200lm
20lm

SMD
incl.

3.7V-

SENSOR
MAX
10±2M

~25 sec

110°

Ø125
192
142

Ø125
Ø125
800
500

Ø125
500
160

TL0201511-BK

TL0201559-BK

TL0201559-BK+SPIKE

Material:
stainless steel + PC

Lampholder/Watt:
LED. 5W / 600lm

IP44 CE

TL02011004
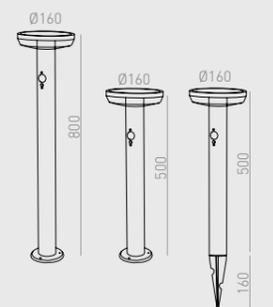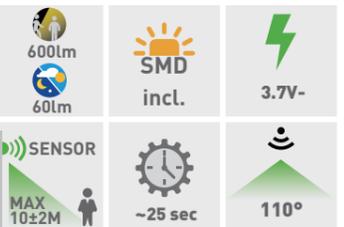
Solar Panel
2W, High efficiency monocrystalline solar panel.

1x2200mAh Li-ion / 3.7V (included)

Low-Medium-High switch

Long press 3s to start
A. After dark, 60lm permanently on
B. After dark, 60lm permanently on + change to 240lm when motion detected After 25s, return back to 60lm .
C. After dark, 600lm when motion detected + off if no motion after 25s
Long press 3s to turn it off .

600lm
60lm

SMD
incl.

3.7V-

SENSOR
MAX
10±2M

~25 sec

110°

Ø160
159
173

Ø160
800

Ø160
500

Ø160
500

160

TL02011009   **TL0201015**

TL0201015+SPIKE

Material:
stainless steel + PC

Lampholder/Watt:
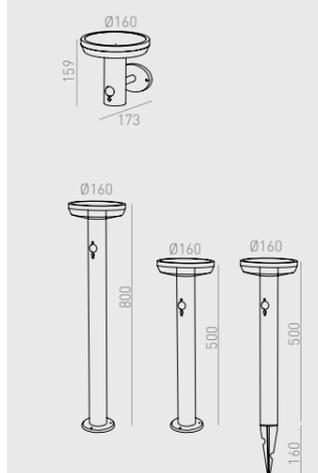*LED. 5W / 600lm*

IP44 | CE

Solar Panel
2W, High efficiency monocrystalline solar panel.

1x2200mAh Li-ion / 3.7V (included)

Low-Medium-High **switch**
Long press 3s to start
A. After dark, 60lm permanently on
B. After dark, 60lm permanently on + change to 240lm when motion detected After 25s, return back to 60lm .
C. After dark, 600lm when motion detected + off if no motion after 25s
Long press 3s to turn it off .

600lm
60lm

SMD
incl.

3.7V-

SENSOR
MAX 10±2M

~25 sec

110°

Ø160
159
173

Ø160
800

Ø160
500

Ø160
500
160

TL02011004

TL02011009-BK   **TL0201015-BK**

TL0201015-BK+SPIKE

600lm
60lm

SMD

3.7V

110°

TL0201517

TL0201516 **TL0201515**

TL0201515+SPIKE

Material:
stainless steel + PC

Lampholder/Watt:
LED. 5W / 600lm

IP44 | | | CE

☀ Solar Panel
2W, High efficiency monocrystalline solar panel.

🔋 *1x2200mAh Li-ion / 3.7V (included)*

👆 *Low-Medium-High* **switch**

Long press 3s to start
A. After dark, 60lm permanently on
B. After dark, 60lm permanently on + change to 240lm when motion detected After 25s, return back to 60lm .
C. After dark, 600lm when motion detected + off if no motion after 25s
Long press 3s to turn it off .

| 600lm 60lm | SMD incl. | 3.7V- |
| SENSOR MAX 10±2M | ~25 sec | 110° |

Ø160 | 159 | 173

Ø160 | 800
Ø160 | 500
Ø160 | 500 | 160

TL0201517-BK

TL0201516-BK **TL0201515-BK**

TL0201515-BK+SPIKE

Material:
stainless steel + PC

Lampholder/Watt:
LED. 5W / 600lm

IP44 | | | CE

☀ Solar Panel
2W, High efficiency monocrystalline solar panel.

🔋 *1x2200mAh Li-ion / 3.7V (included)*

👆 *Low-Medium-High* **switch**

Long press 3s to start
A. After dark, 60lm permanently on
B. After dark, 60lm permanently on + change to 240lm when motion detected After 25s, return back to 60lm .
C. After dark, 600lm when motion detected + off if no motion after 25s
Long press 3s to turn it off .

| 600lm 60lm | SMD incl. | 3.7V- |
| SENSOR MAX 10±2M | ~25 sec | 110° |

Ø160 | 159 | 173

Ø160 | 800
Ø160 | 500
Ø160 | 500 | 160

Material:
stainless steel + PC

Lampholder/Watt:
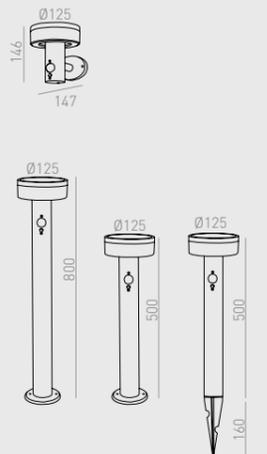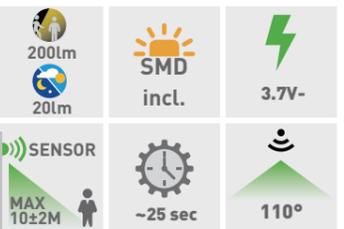*LED. 1.7W / 200lm*

IP44 CE

Solar Panel
0.88W, High efficiency monocrystalline solar panel.

1x1200mAh Li-ion / 3.7V (included)

Low-Medium-High **switch**
Long press 3s to start
A. After dark, 20lm permanently on
B. After dark, 20lm permanently on + change to 80lm when motion detected After 25s, return back to 20lm .
C. After dark, 200lm when motion detected + off if no motion after 25s
Long press 3s to turn it off .

200lm
20lm

SMD
incl.

3.7V–

SENSOR
MAX
10±2M

~25 sec

110°

Ø125
146
147

Ø125
800

Ø125
500

Ø125
500
160

TL0201790

TL0201678

TK0201630

TK0201630+SPIKE

SOLAR
ENERGY

Design patent

Material:
stainless steel + PC

Lampholder/Watt:
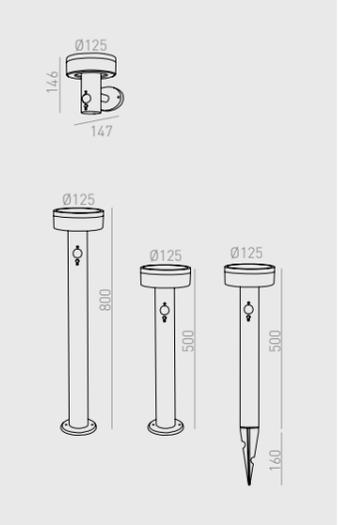*LED. 1.7W / 200lm*

IP44 · CE

Solar Panel
0.88W, High efficiency monocrystalline solar panel.

1x1200mAh Li-ion / 3.7V (included)

Low-Medium-High switch
Long press 3s to start
A. After dark, 20lm permanently on
B. After dark, 20lm permanently on + change to 80lm when motion detected
After 25s, return back to 20lm .
C. After dark, 200lm when motion detected + off if no motion after 25s
Long press 3s to turn it off .

200lm
20lm

SMD incl.

3.7V-

SENSOR
MAX 10±2M

~25 sec

110°

Ø125
146
147

Ø125
800

Ø125
500

Ø125
500
160

TL0201790-BK

TL0201678-BK

TK0201630-BK

TK0201630-BK+SPIKE

Design patent

Material:
stainless steel + PC

Lampholder/Watt:
LED. 5W / 600lm

IP44　CE

Solar Panel
*1.65W, High efficiency
monocrystalline solar panel.*

*1x2200mAh Li-ion / 3.7V
(included)*

Low-Medium-High **switch**

*Long press 3s to start
A. After dark, 60lm permanently on
B. After dark, 60lm permanently on +
change to 240lm when motion detected
After 25s, return back to 60lm .
C. After dark, 600lm when motion detected
+ off if no motion after 25s
Long press 3s to turn it off .*

600lm
60lm

SMD
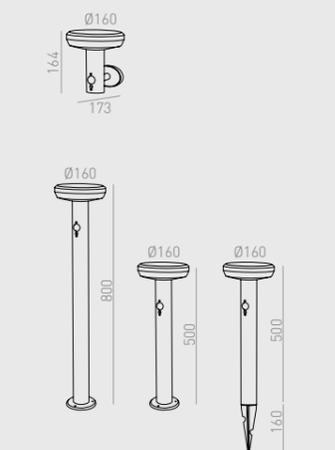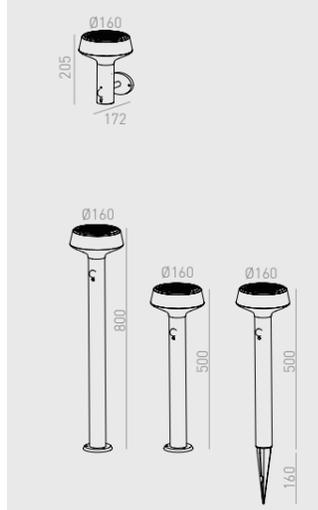incl.

3.7V-

SENSOR
MAX
10±2M

~25 sec

110°

TL0201240

TL0201241　　　**TL0201242**

TL0201242+SPIKE

Ø160
164
173

Ø160
800

Ø160
500

Ø160
500
160

Material:
aluminium + PC

Lampholder/Watt:
LED. 5W / 600lm

IP44 | CE

Solar Panel
1.35W, High efficiency monocrystalline solar panel.

1x2200mAh Li-ion / 3.7V (included)

TL0201243

Low-Medium-High **switch**

Long press 3s to start
A. After dark, 60lm permanently on
B. After dark, 60lm permanently on + change to 240lm when motion detected After 25s, return back to 60lm .
C. After dark, 600lm when motion detected + off if no motion after 25s Long press 3s to turn it off .

600lm
60lm

SMD incl.

3.7V-

SENSOR
MAX 10±2M

~25 sec

110°

Ø160
205
172

Ø160
Ø160
Ø160
800
500
500
160

TL0201244

TL0201080

TL0201080+SPIKE

Material:
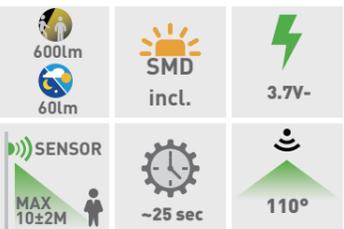*stainless steel + PC*

Lampholder/Watt:
LED. 5W / 600lm

IP44

CE

Solar Panel
2.1W, High efficiency monocrystalline solar panel.

1x2200mAh Li-ion / 3.7V (included)

Low-Medium-High switch

Long press 3s to start
A. After dark, 60lm permanently on
B. After dark, 60lm permanently on +
change to 240lm when motion detected
After 25s, return back to 60lm .
C. After dark, 600lm when motion detected
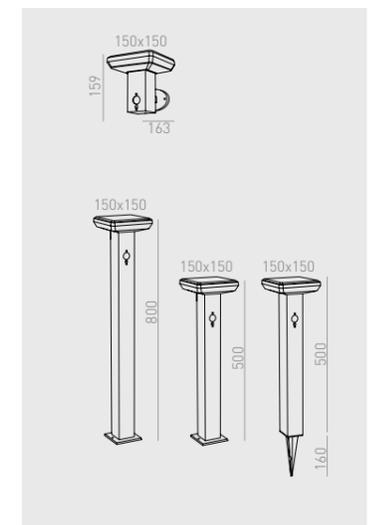*+ off if no motion after 25s*
Long press 3s to turn it off .

600lm
60lm

SMD incl.

3.7V-

SENSOR MAX 10±2M

~25 sec

110°

150x150

159

163

150x150

800

150x150

500

150x150

500

160

TL02011010

TL02011013

TL0201791

TL0201791+SPIKE

TL02011010-BK

Material:
stainless steel + PC

Lampholder/Watt:
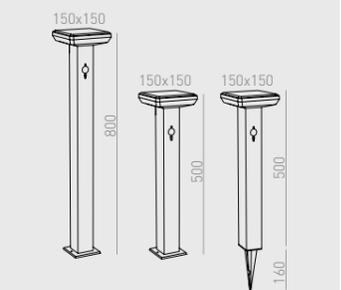*LED. 5W / 600lm*

IP44 CE

Solar Panel
2.1W, High efficiency monocrystalline solar panel.

1x2200mAh Li-ion / 3.7V (included)

Low-Medium-High switch
Long press 3s to start
A. After dark, 60lm permanently on
B. After dark, 60lm permanently on + change to 240lm when motion detected After 25s, return back to 60lm .
C. After dark, 600lm when motion detected + off if no motion after 25s
Long press 3s to turn it off .

600lm
60lm

SMD incl.

3.7V-

SENSOR
MAX 10±2M

~25 sec

110°

150x150
159
163

150x150
800

150x150
500

150x150
500
160

TL02011013-BK   **TL0201791-BK**

TL0201791-BK+SPIKE

TL0201520

Material:
stainless steel + PC

Lampholder/Watt:
LED. 5W / 600lm
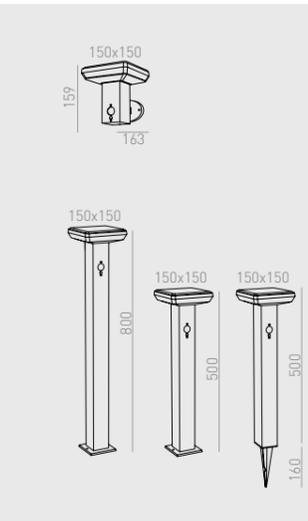
IP44   CE

Solar Panel
2.1W, High efficiency monocrystalline solar panel.

1x2200mAh Li-ion / 3.7V (included)

Low-Medium-High **switch**

Long press 3s to start
A. After dark, 60lm permanently on
B. After dark, 60lm permanently on + change to 240lm when motion detected After 25s, return back to 60lm .
C. After dark, 600lm when motion detected + off if no motion after 25s
Long press 3s to turn it off .

600lm
60lm

SMD incl.

3.7V-

SENSOR MAX 10±2M

~25 sec

110°

150x150
159
163

150x150
800
150x150
500
150x150
500
160

TL0201793   **TL0201792**

TL0201792+SPIKE

TL0201520-BK

Material:
stainless steel + PC

Lampholder/Watt:
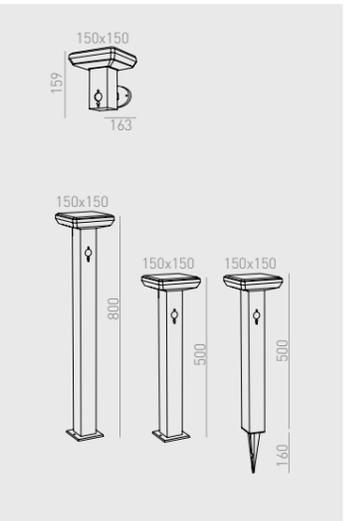*LED. 5W / 600lm*

IP44   CE

Solar Panel
2.1W, High efficiency monocrystalline solar panel.

1x2200mAh Li-ion / 3.7V (included)

Low-Medium-High **switch**

Long press 3s to start
A. After dark, 60lm permanently on
B. After dark, 60lm permanently on + change to 240lm when motion detected After 25s, return back to 60lm .
C. After dark, 600lm when motion detected + off if no motion after 25s
Long press 3s to turn it off .

600lm
60lm

SMD incl.

3.7V-

SENSOR MAX 10±2M

~25 sec

110°

150x150
159
163

150x150
800
150x150
500
150x150
500
160

TL0201793-BK   **TL0201792-BK**

TL0201792-BK+SPIKE

Material:
stainless steel + PC

Lampholder/Watt:
LED. 5W / 600lm

IP44 · CE

Solar Panel
2W, High efficiency monocrystalline solar panel.

1x2200mAh Li-ion / 3.7V (included)

Low-Medium-High switch
Long press 3s to start
A. After dark, 60lm permanently on
B. After dark, 60lm permanently on + change to 240lm when motion detected
After 25s, return back to 60lm .
C. After dark, 600lm when motion detected + off if no motion after 25s
Long press 3s to turn it off .
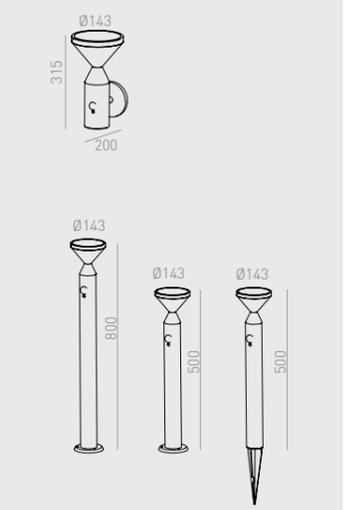
600lm
60lm

SMD incl.

3.7V-

SENSOR MAX 10±2M

~25 sec

110°

Ø143
315
200

Ø143
800

Ø143
500

Ø143
500

TL0201794

TL0201798

TL0201796

TL0201796+SPIKE

Material:
stainless steel + PC
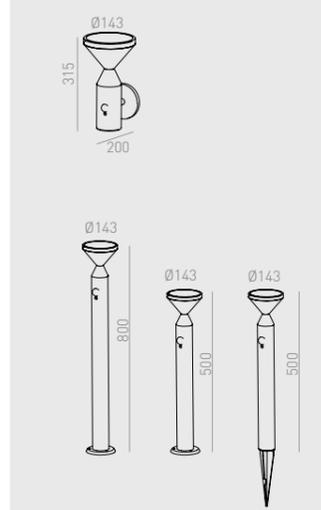
Lampholder/Watt:
LED. 5W / 600lm

IP44 | | | CE

Solar Panel
2W, High efficiency monocrystalline solar panel.

1x2200mAh Li-ion / 3.7V (included)

Low-Medium-High switch
Long press 3s to start
A. After dark, 60lm permanently on
B. After dark, 60lm permanently on + change to 240lm when motion detected
After 25s, return back to 60lm .
C. After dark, 600lm when motion detected + off if no motion after 25s
Long press 3s to turn it off .

600lm
60lm

SMD incl.

3.7V-

SENSOR
MAX 10±2M

~25 sec

110°

Ø143
315
200

Ø143
Ø143
Ø143
800
500
500

TL0201794-BK

TL0201798-BK

TL0201796-BK

TL0201796-BK+SPIKE

.29.

.30.

Design patent

Material:
stainless steel + PC

Lampholder/Watt:
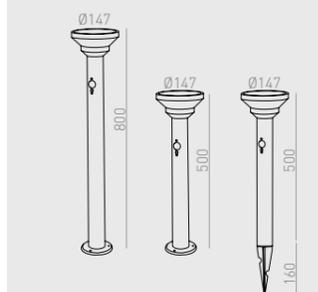*LED. 5W / 600lm*

IP44   CE

☀ **Solar Panel**
2W, High efficiency monocrystalline solar panel.

🔋 *1x2200mAh Li-ion / 3.7V (included)*

👆 *Low-Medium-High* **switch**
Long press 3s to start
A. After dark, 60lm permanently on
B. After dark, 60lm permanently on + change to 240lm when motion detected After 25s, return back to 60lm .
C. After dark, 600lm when motion detected + off if no motion after 25s
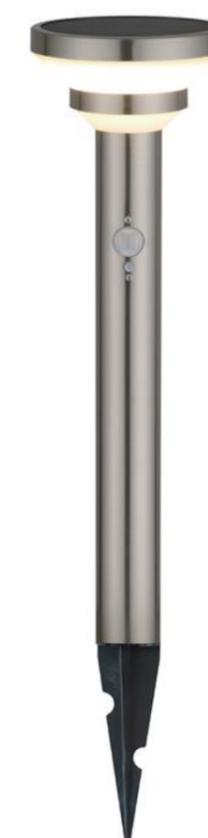*Long press 3s to turn it off .*

600lm
60lm

SMD incl.

3.7V-

SENSOR MAX 10±2M

~25 sec

110°

Ø147
198
166

Ø147
800

Ø147
500

Ø147
500
160

TL0201800

TL0201803   **TL0201802**

TL0201802+SPIKE

Material:
stainless steel + PC

Lampholder/Watt:
LED. 5W / 600lm

IP44 CE

Solar Panel
*2W, High efficiency
monocrystalline solar panel.*

*1x2200mAh Li-ion / 3.7V
(included)*

Low-Medium-High **switch**

*Long press 3s to start
A. After dark, 60lm permanently on
B. After dark, 60lm permanently on +
change to 240lm when motion detected
After 25s, return back to 60lm .
C. After dark, 600lm when motion detected
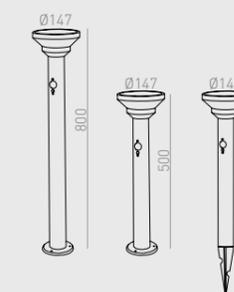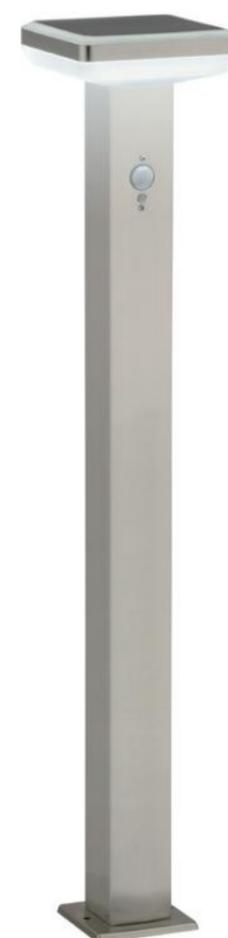+ off if no motion after 25s
Long press 3s to turn it off .*

600lm
60lm

SMD
incl.

3.7V-

SENSOR
MAX
10±2M

~25 sec

110°

Ø147
198
166

Ø147
800

Ø147
500

Ø147
500
160

TL0201800-BK

TL0201803-BK   **TL0201802-BK**

TL0201802-BK+SPIKE

Material:
stainless steel + PC

Lampholder/Watt:
LED. 5W / 600lm

IP44   CE

Solar Panel
1.8W, High efficiency monocrystalline solar panel.

1x2200mAh Li-ion / 3.7V (included)

TL0201804

Low-Medium-High **switch**

Long press 3s to start
A. After dark, 60lm permanently on
B. After dark, 60lm permanently on + change to 240lm when motion detected After 25s, return back to 60lm .
C. After dark, 600lm when motion detected + off if no motion after 25s
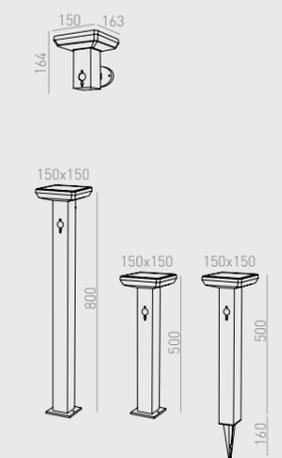*Long press 3s to turn it off .*

600lm
60lm

SMD
incl.

3.7V-

SENSOR
MAX
10±2M

~25 sec

110°

150 — 163

164

150x150

150x150

150x150

800

500

500

160

TL0201808   **TL0201806**

TL0201806+SPIKE

Material:
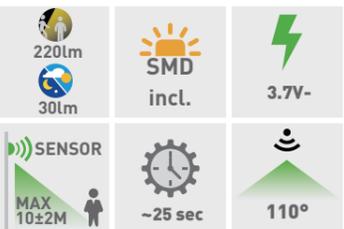*stainless steel + PC*

Lampholder/Watt:
LED. 1.7W / 220lm

IP44   CE

☀ **Solar Panel**
0.65W, High efficiency monocrystalline solar panel.

🔋 *1x1200mAh Li-ion / 3.7V (included)*

👆 *Low-Medium-High* **switch**
Long press 3s to start
A. After dark, 30lm permanently on
B. After dark, 30lm permanently on + change to 120lm when motion detected After 25s, return back to 30lm .
C. After dark, 220lm when motion detected + off if no motion after 25s
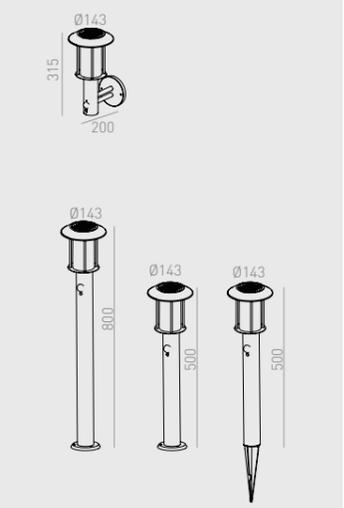*Long press 3s to turn it off .*

TL0201810

220lm
30lm

SMD incl.

3.7V-

SENSOR
MAX 10±2M

~25 sec

110°

Ø143
315
200

Ø143
800

Ø143
500

Ø143
500

TL0201812   **TL0201811**

TL0201811+SPIKE

TL0201249+SEN

TL0201249

TL0201250+SEN

TL0201250

Material:
stainless steel + PC

Lampholder/Watt:
KH2074: LED. 0.17W / 22lm
KH2074+SEN: LED. 0.6W / 65lm
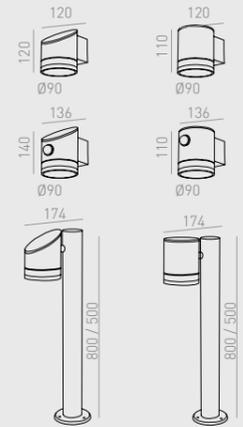
IP44   CE

Solar Panel
KH2074: 0.55W; KH2074A: 0.65W,
High efficiency
monocrystalline solar panel.

1x1200mAh Li-ion / 3.7V
(included)

OFF / ON **switch**

AUTO 0.12 12lm/SEN 0.6 65lm

120
120
120
110
Ø90
Ø90

136
136
140
110
Ø90
Ø90

174
174
800/500
800/500

VK2074A PSH0.8

VK2074PSH0.5

VK312

Material:
aluminium + PC

Lampholder/Watt:
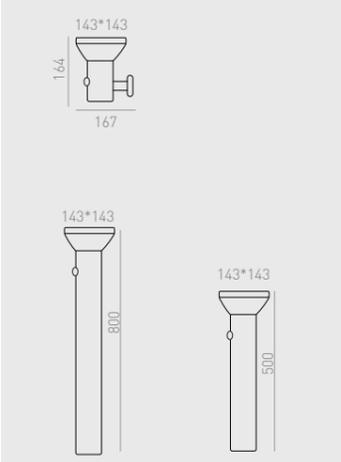*LED. 4.4W / 600lm*

IP44 | CE

☀ Solar Panel
1.35W, High efficiency
monocrystalline solar panel.

🔋 1x1200mAh Li-ion / 3.7V
(included)

✋ Low-Medium-High **switch**
Long press 3s to start
A. After dark, 60lm permanently on
B. After dark, 60lm permanently on +
change to 240lm when motion detected
After 25s, return back to 60lm .
C. After dark, 600lm when motion detected
+ off if no motion after 25s
Long press 3s to turn it off .

600lm
60lm

SMD
incl.

3.7V-

SENSOR
MAX
10±2M

~25 sec

110°

143*143
164
167

143*143
800

143*143
500

VK312PSH0.8

VK312PSH0.5

SOLAR ENERGY

Design patent

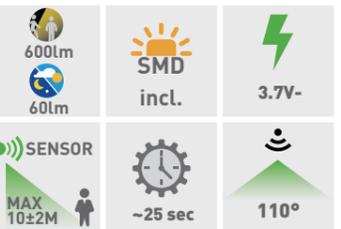**Material:**
stainless steel + PC

Lampholder/Watt:
LED. 5W / 600lm

IP44 CE

Solar Panel
2W, High efficiency monocrystalline solar panel.

1x2200mAh Li-ion / 3.7V (included)

Low-Medium-High **switch**

Long press 3s to start
A. After dark, 60lm permanently on
B. After dark, 60lm permanently on + change to 240lm when motion detected After 25s, return back to 60lm .
C. After dark, 600lm when motion detected + off if no motion after 25s Long press 3s to turn it off .

600lm
60lm

SMD incl.

3.7V-

SENSOR MAX 10±2M

~25 sec

110°

TL02011015

TL0201525

TL0201524

TL0201524+SPIKE

Ø160 239 175

Ø160 800

Ø160 500

Ø160 500 150

Material:
stainless steel + PC

Lampholder/Watt:
LED. 5W / 600lm

IP44 CE

Solar Panel
2W, High efficiency monocrystalline solar panel.

1x2200mAh Li-ion / 3.7V (included)

Low-Medium-High **switch**
Long press 3s to start
A. After dark, 60lm permanently on
B. After dark, 60lm permanently on + change to 240lm when motion detected After 25s, return back to 60lm .
C. After dark, 600lm when motion detected + off if no motion after 25s
Long press 3s to turn it off .

600lm
60lm

SMD incl.

3.7V-

SENSOR MAX 10±2M

~25 sec

110°

Ø160
239
175

Ø160
800

Ø160
500

Ø160
500
150

TL02011015-BK

TL0201525-BK

TL0201524-BK

TL0201524-BK+SPIKE

Logo and solar energy badge top left

SOLAR ENERGY

Material:
stainless steel + PC

Lampholder/Watt:
LED. 5W / 600lm

IP44 | | | CE

TL0201527

☀ **Solar Panel**
2W, High efficiency monocrystalline solar panel.

🔋 *1x2200mAh Li-ion / 3.7V (included)*

👆 *Low-Medium-High* **switch**
Long press 3s to start
A. After dark, 60lm permanently on
B. After dark, 60lm permanently on + change to 240lm when motion detected After 25s, return back to 60lm .
C. After dark, 600lm when motion detected + off if no motion after 25s Long press 3s to turn it off .

| 600lm 60lm | SMD incl. | 3.7V- |
|))) SENSOR MAX 10±2M | ~25 sec | 110° |

Ø160
254
175

Ø160
800

Ø160
500

Ø160
500

150

TL0201529   **TL0201528**

TL0201528+SPIKE

Material:
stainless steel + PC

Lampholder/Watt:
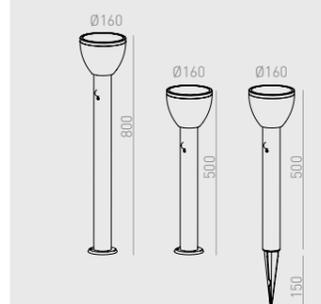*LED. 5W / 600lm*

IP44 · · · CE

☀ **Solar Panel**
2W, High efficiency monocrystalline solar panel.

🔋 *1x2200mAh Li-ion / 3.7V (included)*

👆 *Low-Medium-High* **switch**

Long press 3s to start
A. After dark, 60lm permanently on
B. After dark, 60lm permanently on + change to 240lm when motion detected After 25s, return back to 60lm .
C. After dark, 600lm when motion detected + off if no motion after 25s Long press 3s to turn it off .

600lm
60lm

SMD incl.

3.7V-

SENSOR MAX 10±2M

~25 sec

110°

Ø160
254
175

Ø160
800

Ø160
500

Ø160
500
150

TL0201527-BK

TL0201529-BK   **TL0201528-BK**

TL0201528-BK+SPIKE

Design patent

TL02011018

Material:
stainless steel + PC

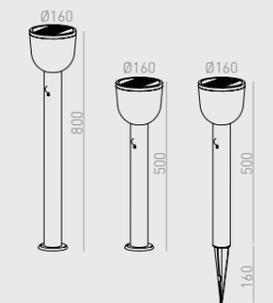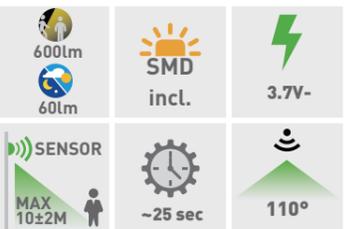**Lampholder/Watt:**
LED. 5W / 600lm

IP44 | CE

Solar Panel
2W, High efficiency monocrystalline solar panel.

1x2200mAh Li-ion / 3.7V (included)

Low-Medium-High switch
Long press 3s to start
A. After dark, 60lm permanently on
B. After dark, 60lm permanently on + change to 240lm when motion detected
After 25s, return back to 60lm .
C. After dark, 600lm when motion detected + off if no motion after 25s
Long press 3s to turn it off .

600lm
60lm
SMD incl.
3.7V-

SENSOR MAX 10±2M
~25 sec
110°

Ø160
259
175

Ø160
800
Ø160
500
Ø160
500
160

TL02011020   **TL0201813**

TL0201813+SPIKE

Material:
stainless steel + PC

Lampholder/Watt:
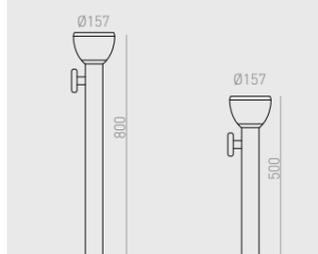*LED. 5W / 600lm*

IP44 | CE

Solar Panel
2W, High efficiency monocrystalline solar panel.

1x2200mAh Li-ion / 3.7V (included)

Low-Medium-High **switch**

Long press 3s to start
A. After dark, 60lm permanently on
B. After dark, 60lm permanently on + change to 240lm when motion detected After 25s, return back to 60lm .
C. After dark, 600lm when motion detected + off if no motion after 25s Long press 3s to turn it off .

600lm
60lm

SMD incl.

3.7V-

SENSOR
MAX
10±2M

~25 sec

110°

Ø160
259
175

Ø160
800

Ø160
500

Ø160
500

160

TL02011018-BK

TL02011020-BK   **TL0201813-BK**

TL0201813-BK+SPIKE

Material:
stainless steel + PC

Lampholder/Watt:
LED. 5.8W / 600lm

IP44 · CE

☀ **Solar Panel**
2W, High efficiency monocrystalline solar panel.

🔋 *1x2200mAh Li-ion / 3.7V (included)*

👆 *Low-Medium-High* **switch**

Long press 3s to start
A. After dark, 60lm permanently on
B. After dark, 60lm permanently on + change to 240lm when motion detected
After 25s, return back to 60lm .
C. After dark, 600lm when motion detected + off if no motion after 25s
Long press 3s to turn it off .

600lm
60lm

SMD incl.

3.7V-

))) SENSOR
MAX 10±2M

~25 sec

110°

Ø157
252
171

Ø157
800

Ø157
500

TL0201302

VK302PSH0.8

VK302PSH0.5

Design patent

Material:
stainless steel + PC

Lampholder/Watt:
LED. 5.8W / 600lm

IP44 CE

Solar Panel
2W, High efficiency monocrystalline solar panel.

1x2200mAh Li-ion / 3.7V (included)

TL0201302

Low-Medium-High **switch**

Long press 3s to start
A. After dark, 60lm permanently on
B. After dark, 60lm permanently on + change to 240lm when motion detected
After 25s, return back to 60lm .
C. After dark, 600lm when motion detected + off if no motion after 25s
Long press 3s to turn it off .

600lm
60lm

SMD
incl.

3.7V-

SENSOR
MAX
10±2M

~25 sec

110°

Ø157
204
176

Ø157
800

Ø157
500

VK302PSH0.8

VK302PSH0.5

Material:
stainless steel + PC

Lampholder/Watt:
LED. 5.8W / 600lm
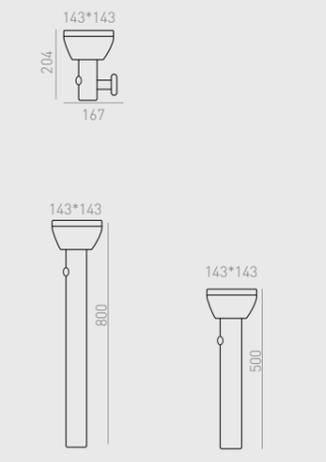
IP44

VK301

Solar Panel
2W, High efficiency
monocrystalline solar panel.

1x2200mAh Li-ion / 3.7V
(included)

Low-Medium-High **switch**

Long press 3s to start
A. After dark, 60lm permanently on
B. After dark, 60lm permanently on +
change to 240lm when motion detected
After 25s, return back to 60lm .
C. After dark, 600lm when motion detected
+ off if no motion after 25s
Long press 3s to turn it off .

600lm
60lm

SMD
incl.

3.7V-

SENSOR
MAX
10±2M

~25 sec

110°

Ø157

204

176

Ø157

800

Ø157

500

VK301PSH0.8
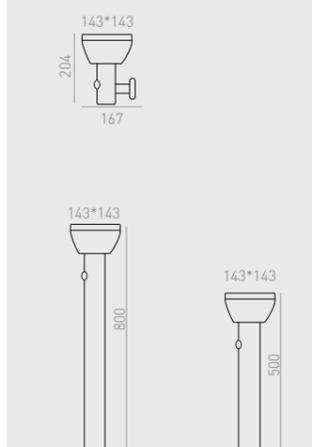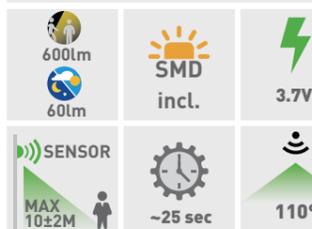
TL0201301

Material:
stainless steel + PC

Lampholder/Watt:
LED. 5.8W / 600lm

IP44 · CE

Solar Panel
2W, High efficiency monocrystalline solar panel.

1x2200mAh Li-ion / 3.7V (included)

Low-Medium-High **switch**
Long press 3s to start
A. After dark, 60lm permanently on
B. After dark, 60lm permanently on + change to 240lm when motion detected After 25s, return back to 60lm .
C. After dark, 600lm when motion detected + off if no motion after 25s
Long press 3s to turn it off .

600lm
60lm

SMD
incl.

3.7V-

SENSOR
MAX 10±2M

~25 sec

110°

TL0201304

VK304PSH0.8

VK304PSH0.5

143*143
204
167

143*143
800

143*143
500

Material:
stainless steel + PC

Lampholder/Watt:
LED. 5.8W / 600lm

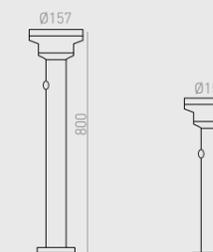IP44

TL0201300

Solar Panel
2W, High efficiency monocrystalline solar panel.

1x2200mAh Li-ion / 3.7V (included)

Low-Medium-High **switch**

Long press 3s to start
A. After dark, 60lm permanently on
B. After dark, 60lm permanently on + change to 240lm when motion detected After 25s, return back to 60lm .
C. After dark, 600lm when motion detected + off if no motion after 25s
Long press 3s to turn it off .

600lm
60lm

SMD incl.

3.7V-

SENSOR MAX 10±2M

~25 sec

110°

143*143
204
167

143*143
800

143*143
500

TL0201405

TL0201404

SOLAR ENERGY

Material:
stainless steel + PC

Lampholder/Watt:
LED. 5.8W / 600lm

IP44 | CE

Solar Panel
2W, High efficiency
monocrystalline solar panel.

1x2200mAh Li-ion / 3.7V
(included)

VK313

Low-Medium-High **switch**

Long press 3s to start
A. After dark, 60lm permanently on
B. After dark, 60lm permanently on +
change to 240lm when motion detected
After 25s, return back to 60lm .
C. After dark, 600lm when motion detected
+ off if no motion after 25s
Long press 3s to turn it off .

600lm
60lm

SMD
incl.

3.7V-

SENSOR
MAX
10±2M

~25 sec

110°

Ø157
194
176

Ø157
800

Ø157
500

VK313PSH0.8

VK313PSH0.5
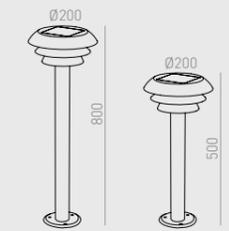
Material:
iron + stainless steel + PC

Lampholder/Watt:
LED. 0.6W / 60lm

IP44   CE

Solar Panel
1.2W, High efficiency monocrystalline solar panel.

1x1800mAh Li-ion / 3.7V (included)

OFF / ON **switch**

Ø200
144
210

Ø200
800

Ø200
500

TL0201342

TL0201344

TL0201343

Material:
iron art + stainless steel + PC

Lampholder/Watt:
E27. 0.2W / 22lm (G45 3V)

IP44 CE

☀ **Solar Panel**
0.65W, High efficiency monocrystalline solar panel.

🔋 *1x1200mAh Li-ion / 3.7V (included)*

☝ *OFF / ON* **switch**

TL0201345

Ø220
206
250

Ø220
1000

Ø220
500

TL0201347   **TL0201346**

Material:
aluminium + glass

Lampholder/Watt:
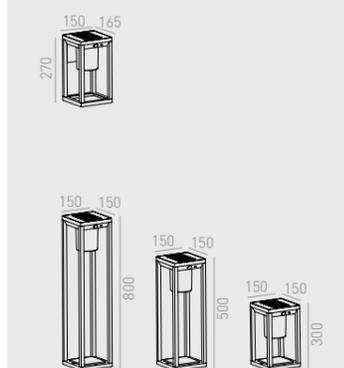*LED. 5W / 580lm*

IP44

Solar Panel
2.1W, High efficiency
monocrystalline solar panel.

1x2200mAh Li-ion / 3.7V
(included)

Low-Medium-High **switch**

Long press 3s to start
A. After dark, 58lm permanently on
B. After dark, 58lm permanently on +
change to 230lm when motion detected
After 25s, return back to 58lm .
C. After dark, 580lm when motion detected
+ off if no motion after 25s
Long press 3s to turn it off .

580lm
58lm

SMD
incl.

3.7V-

)))SENSOR
MAX
8±2M

~25 sec

110°

150 165
270

150 150
800

150 150
500

150 150
300

Ø40
160

TL0201538

TL0201541   **TL0201540**   **TL0201539**

SOLAR ENERGY

Material:
aluminium + PC

Lampholder/Watt:
LED. 5W / 580lm

IP44

Solar Panel
2.1W, High efficiency monocrystalline solar panel.

1x2200mAh Li-ion / 3.7V (included)

TL0201532

Low-Medium-High **switch**

Long press 3s to start
A. After dark, 58lm permanently on
B. After dark, 58lm permanently on + change to 230lm when motion detected
After 25s, return back to 58lm .
C. After dark, 580lm when motion detected + off if no motion after 25s
Long press 3s to turn it off .

580lm
58lm

SMD
incl.

3.7V-

SENSOR
MAX
8±2M

~25 sec

110°

150 · 165
270

150 · 150
800

150 · 150
500

150 · 150
300

Ø40
160

TL0201534   **TL0201026**   **TL0201535**

.73.   .74.

TL0201348

TL0201379

Material:
aluminium + PC

Lampholder/Watt:
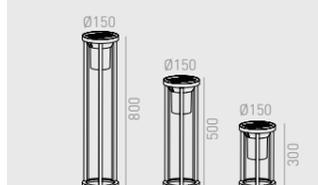*LED. 5W / 600lm*

IP44 CE

Solar Panel
2.1W, High efficiency monocrystalline solar panel.

1x2200mAh Li-ion / 3.7V (included)

Low-Medium-High **switch**
Long press 3s to start
A. After dark, 60lm permanently on
B. After dark, 60lm permanently on + change to 240lm when motion detected After 25s, return back to 60lm .
C. After dark, 600lm when motion detected + off if no motion after 25s
Long press 3s to turn it off .

600lm
60lm

SMD
incl.

3.7V-

SENSOR
MAX 8±2M

~25 sec

110°

165
270
Ø150

Ø150
Ø150
Ø150
800
500
300

Ø40
160

TL0201378

TL0201377

TL0201349

VK461PSH0.5

Design patent

Material:
aluminium + PC / glass

Lampholder/Watt:
LED. 3.5.5W / 420lm

IP44 | CE

Solar Panel
2.1W, High efficiency monocrystalline solar panel.

1x2200mAh Li-ion / 3.7V (included)

Working plan:
After dark.
Press button 3s, modelA, 42lm permanently on
Press again, model B,170lm permanently on.
Press again, model C, 420lm permanently on
Press button 3s , turn off
Charging: Solar Input
The light will be off when solar panel get light signal .
The light will be come back to the original model when cut off the light signal.

TL0201381   **TL0201382**   **TL0201380**

TL0201381-1   **TL0201382-1**   **TL0201380-1**
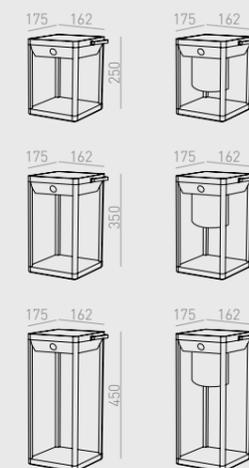
SOLAR ENERGY

Material:
stainless steel + PC

Lampholder/Watt:
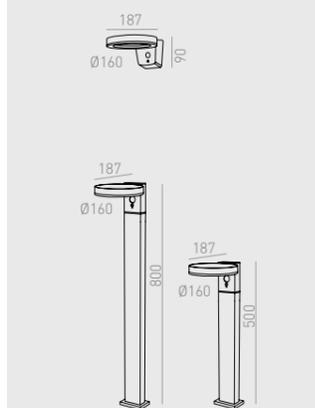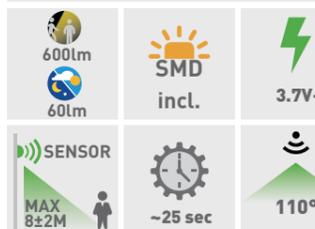*LED. 5W / 600lm*

IP44 | CE

Solar Panel
1.8W, High efficiency monocrystalline solar panel.

1x2200mAh Li-ion / 3.7V (included)

TL0201246

Low-Medium-High **switch**

Long press 3s to start
A. After dark, 60lm permanently on
B. After dark, 60lm permanently on +
change to 240lm when motion detected
After 25s, return back to 60lm .
C. After dark, 600lm when motion detected
+ off if no motion after 25s
Long press 3s to turn it off .

600lm	SMD	3.7V-
60lm	incl.	
SENSOR MAX 10±2M	~25 sec	110°

107 154
130

107 154
800

107 154
500

Ø40
160
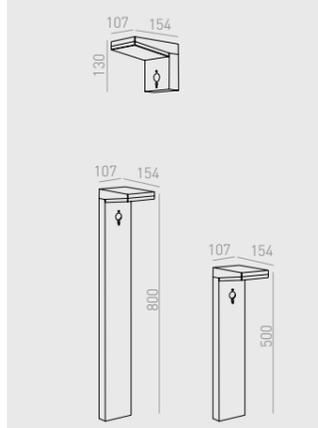
TL0201248   **TL0201247**

Design patent

TL0201386

Material:
aluminium + PC

Lampholder/Watt:
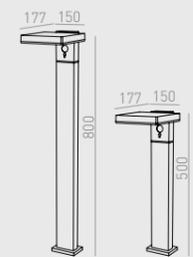*LED. 5W / 600lm*

IP44 | CE

Solar Panel
2W, High efficiency monocrystalline solar panel.

1x2200mAh Li-ion / 3.7V (included)

Low-Medium-High **switch**
Long press 3s to start
A. After dark, 60lm permanently on
B. After dark, 60lm permanently on + change to 240lm when motion detected After 25s, return back to 60lm .
C. After dark, 600lm when motion detected + off if no motion after 25s
Long press 3s to turn it off .

600lm
60lm

SMD
incl.

3.7V-

SENSOR
MAX
8±2M

~25 sec

110°

187
Ø160
90

187
Ø160
800

187
Ø160
500

Ø40
160

TL0201390

TL0201388

600lm
60lm

SMD

TIME
~25 sec

110°

SENSOR
MAX 8±2M

.81.

.82.

SOLAR
ENERGY

TL0201391

Material:
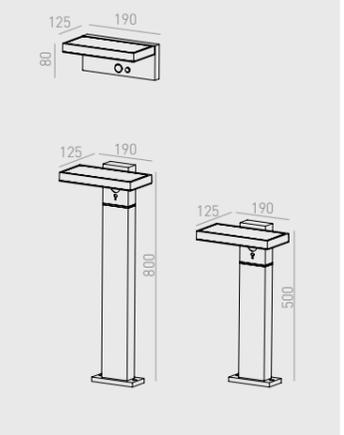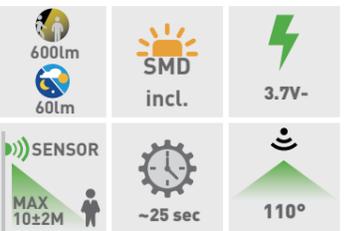*aluminium + PC*

Lampholder/Watt:
LED. 5W / 600lm

IP44

Solar Panel
2.1W, High efficiency monocrystalline solar panel.

1x2200mAh Li-ion / 3.7V (included)

Low-Medium-High **switch**
Long press 3s to start
A. After dark, 60lm permanently on
B. After dark, 60lm permanently on + change to 240lm when motion detected After 25s, return back to 60lm .
C. After dark, 600lm when motion detected + off if no motion after 25s
Long press 3s to turn it off .

600lm
60lm

SMD
incl.

3.7V~

SENSOR
MAX
8±2M

~25 sec

110°

150   177
90

177   150

800

177   150

500

Ø40

160

TL0201396   **TL0201392**

Material:
stainless steel + PC

Lampholder/Watt:
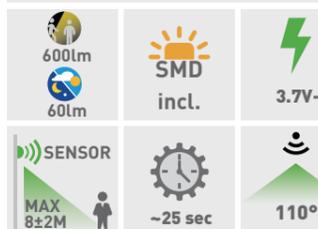*LED. 5W / 600lm*

IP44 CE

TL0201521

Solar Panel
2.1W, High efficiency monocrystalline solar panel.

1x2200mAh Li-ion / 3.7V (included)

Low-Medium-High **switch**
Long press 3s to start
A. After dark, 60lm permanently on
B. After dark, 60lm permanently on + change to 240lm when motion detected
After 25s, return back to 60lm .
C. After dark, 600lm when motion detected + off if no motion after 25s
Long press 3s to turn it off .

| 600lm | SMD | | 3.7V- |
| 60lm | incl. | | |

|)))SENSOR MAX 10±2M | ~25 sec | 110° |

125 190
80

125 190
800

125 190
500

Ø40
160

TL0201523   **TL0201522**

Material:
aluminium + PC

Lampholder/Watt:
LED. 5W / 600lm

IP44 · CE

Solar Panel
1.9W, High efficiency monocrystalline solar panel.

1x2200mAh Li-ion / 3.7V (included)

Low-Medium-High **switch**

Long press 3s to start
A. After dark, 60lm permanently on
B. After dark, 60lm permanently on + change to 240lm when motion detected After 25s, return back to 60lm .
C. After dark, 600lm when motion detected + off if no motion after 25s
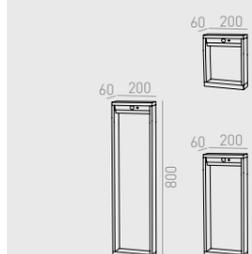*Long press 3s to turn it off .*

600lm
60lm

SMD
incl.

3.7V-

SENSOR
MAX
8±2M

~25 sec

110°

TL0201397

TL0201399

TL0201398

VK1514PSH0.6

60 · 200
200

60 · 200

60 · 200
800

60 · 200
500

Ø40
160

Material:
aluminium + PC

Lampholder/Watt:
LED. 0.6W / 50lm

IP44 CE

Solar Panel
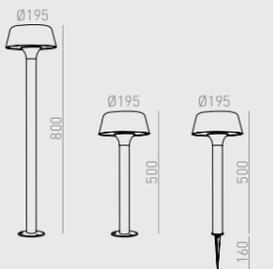*0.88W, High efficiency
monocrystalline solar panel.*

*1x1800mAh Li-ion / 3.7V
(included)*

OFF / ON **switch**

| 50lm | SMD incl. | 3.7V- |

Ø195
800

Ø195
500

Ø195
500
160

TL0201025

TL0201024

TL0201024+SPIKE

Material:
aluminium + PC

Lampholder/Watt:
E27. 0.2W / 20lm (G45 3V)

IP44

Solar Panel
0.65W, High efficiency monocrystalline solar panel.

1x1200mAh Li-ion / 3.7V (included)

OFF / ON **switch**

TL0201012

Ø160
215
175

Ø160
800

Ø160
500

TL0201014   **TL0201013**

TL0201400

TL0201402

TL0201401

TL0201401+SPIKE

Material:
aluminium + PC

Lampholder/Watt:
LED. 1.7W / 180lm

IP44 | CE

Solar Panel
0.88W, High efficiency monocrystalline solar panel.

1x1200mAh Li-ion / 3.7V (included)

Low-Medium-High switch
Long press 3s to start
A. After dark, 20lm permanently on
B. After dark, 20lm permanently on + change to 90lm when motion detected After 25s, return back to 20lm .
C. After dark, 180lm when motion detected + off if no motion after 25s
Long press 3s to turn it off .

180lm
20lm

SMD incl.

3.7V-

SENSOR MAX 10±2M

~25 sec

110°

Ø160 | 307 | 175

Ø160 | 800

Ø160 | 500

Ø160 | 500 | 160

TL02011031

TL0201543

TL0201403

Material:
aluminium + PC

Lampholder/Watt:
LED. 0.85W / 85lm

IP44

Solar Panel
2.1W, High efficiency monocrystalline solar panel.

1x2200mAh Li-ion / 3.7V (included)

OFF / ON **switch**

85lm

SMD incl.

3.7V-

130
150   210

130
150   225

130
150   205

Ø40

130

Design patent

Material:
stainless steel + PC

Lampholder/Watt:
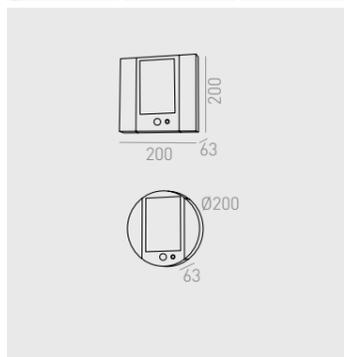*LED. 5W / 600lm*

IP44

Solar Panel
*1.9W, High efficiency
monocrystalline solar panel.*

*1x2200mAh Li-ion / 3.7V
(included)*

Low-Medium-High **switch**
*Long press 3s to start
A. After dark, 60lm permanently on
B. After dark, 60lm permanently on +
change to 240lm when motion detected
After 25s, return back to 60lm .
C. After dark, 600lm when motion detected
+ off if no motion after 25s
Long press 3s to turn it off .*

600lm / 60lm	SMD incl.	3.7V-
SENSOR MAX 8±2M	~25 sec	110°

200 / 200 / 63

Ø200 / 63

TL0201519

TL0201518

Design patent

Material:
alumimum + PC

Lampholder/Watt:
LED. 1.5W / 260lm
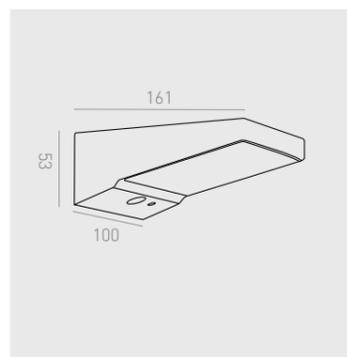
IP44 | CE

Solar Panel
1W, High efficiency monocrystalline solar panel.

1x1800mAh Li-ion / 3.7V (included)

Low-Medium-High **switch**

*Long press 3s to start
A. After dark, 70lm permanently on
B. After dark, 70lm permanently on + change to 180lm when motion detected
After 25s, return back to 70lm .
C. After dark, 260lm when motion detected + off if no motion after 25s
Long press 3s to turn it off .*

180lm / 70lm | SMD incl. | 3.7V-

SENSOR MAX 8±2M | ~25 sec | 110°

TL0201019

161 | 53 | 100

Material:
ABS + GLASS

Lampholder/Watt:
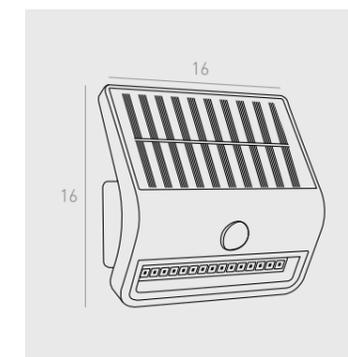*LED. 1.5W / 300lm*

IP44 | CE

Solar Panel
1W, High efficiency monocrystalline solar panel.

1x1800mAh Li-ion / 3.7V (included)

Low-Medium-High **switch**

*Long press 3s to start
A. After dark, 45lm permanently on
B. After dark, 45lm permanently on + change to 300lm when motion detected
After 40s, return back to 45lm .
C. After dark, 300lm when motion detected + off if no motion after 40s
Long press 3s to turn it off .*

300lm / 45lm | SMD incl. | 3.7V-

SENSOR MAX 8±2M | ~25 sec | 110°

TL0201275

16 | 16 | 16

Design patent

Material:
aluminium + PC / glass

Lampholder/Watt:
LED. 3.15W / 350lm

IP44 CE

Adapter
USB cable: 1m
Charging time: 5~7hrs
Working time: 6~60hrs

Solar Panel
1.5W, High efficiency monocrystalline solar panel.

2x2200mAh Li-ion / 3.7V (included)

Light and dark control **switch**
1. The light is off when started
2. When touch the lamp
The brightness of the light changes from low(10%)>>middle(40%)>>high(100%) >>off by pressing
High Lumen output is 350lm.
Charging: USB 5V input

TL02011026-White

TL0201549

TL0201027

KH2075H250W-1

TL02011026

150x150   150x150
250   250

USB cable: 1m (included)

USB
Rechargeable Removable

Material:
aluminium + PC / glass

Lampholder/Watt:
LED. 3.15W / 350lm

IP54 CE

USB Rechargeable **Adapter**
USB cable: 1.0m
Charging time: 6-7hrs
Working time: 6~60hrs

2x2200mAh Li-ion / 3.7V
(included)

Light and dark control **switch**
1. The light is off when started
2. When touch the lamp
The brightness of the light changes from lo w(10%)>>middle(40%)>>high(100%)>>off by pressing
High Lumen output is 350lm.
Charging: USB 5V input

TL0201483

TL0201464

Ø150   Ø150

150 150   150 150

TL0201406

USB cable: 1m (included)

TL0201005

Material:
aluminium + PC / glass

Lampholder/Watt:
LED. 3.15W / 350lm

IP54 CE

USB Rechargeable **Adapter**
USB cable: 1.0m
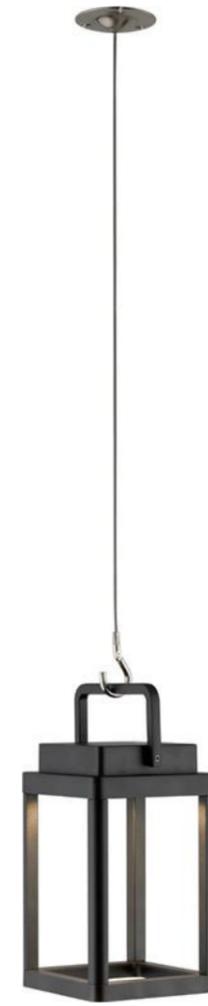*Charging time: 6-7hrs*
Working time: 6~60hrs

2x2200mAh Li-ion / 3.7V
(included)

Light and dark control **switch**

1. The light is off when started
2. When touch the lamp
The brightness of the light changes from low(10%)>>middle(40%)>>high(100%)>>off by pressing
High Lumen output is 350lm.
Charging: USB 5V input

TL0201490

TL0201491

300
177x177

240
150x150

USB cable: 1m
(included)

USB
Rechargeable Removable

IP44 🏠 ⬛ CE

Design patent

KH2102HG-1

KH2102DN-1

KH2102PSH0.7-1

KH2102-1

Material:
aluminium + glass

Lampholder/Watt:
LED. 2.6W / 350lm

IP44 🏠 ⬛ CE

USB
Rechargeable **Adapter**
USB cable: 1m
Charging time: 5-7hrs
Working time: 6~60hrs

🔋 *2x2200mAh Li-ion / 3.7V*
(included)

👆 *Light and dark control* **switch**
1. The light is off when started
2. When touch the lamp
The brightness of the light changes from
low(10%)>>middle(40%)>>high(100%)
>>off by pressing
High Lumen output is 350lm.
Charging: USB 5V input

143
250
100

1240
100x100

220
700
172
100x100

160

USB cable: 1m
(included)

.107.   .108.
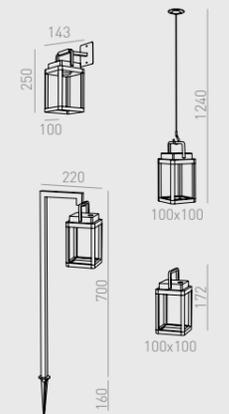
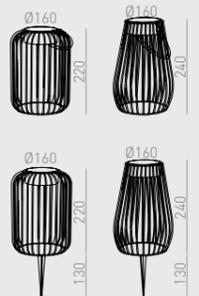**Design patent**

Material:
iron art + glass

Lampholder/Watt:
LED. 0.25W / 20lm

IP44 CE

Solar Panel
0.45W, High efficiency monocrystalline solar panel.

1x1200mAh Li-ion / 3.7V (included)

OFF / ON **switch**

Ø160 | Ø140 | Ø160 | Ø160

TL0201493

TL0201507

TL0201493-SPIKE

TL0201507-SPIKE

Material:
KH2146: stainless steel + PC
KH2150: aluminium + glass

Lampholder/Watt:
LED. 3.15W / 450lm
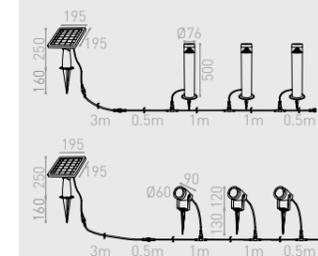
IP44

Solar Panel
4.2W, High efficiency monocrystalline solar panel.

4x2200mAh Li-ion / 3.7V (included)

Low-Medium-High **switch**

After dark.
Press button 3s, model A, 45lm permanently on
Press again, model B, 180lm permanently on.
Press again, model C, 450lm permanently on
Press button 3s, turn off
Charging: Solar Input
The light will be off when solar panel get light signal .
The light will be come back to the original model when cut off the light signal

TL0201514

TL0201513