

# SOLAR RANGE



**NEW VERSION**  
SOLAR MODUL E

**FIORINA**  
for details see pag.187

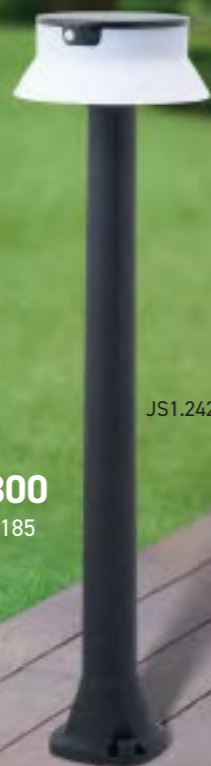


**43,80€**  
SOLAR LED  
+  
SENSOR

F11.542.S3L

**JOSEPHA 800**  
for details see pag.185

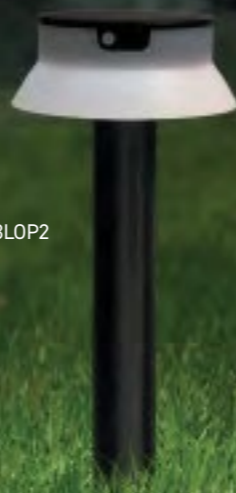
**49,64€**  
SOLAR LED  
+  
SENSOR



JS1.242.S3LOP2

**SANTINA 500 SPIKE**  
for details see pag.191

**52,56€**  
SOLAR LED  
+  
SENSOR



SL1.259.S3LOP2

**FELICE 200**  
for details see pag.189



**40,88€**  
SOLAR LED  
+  
SENSOR

FE1.573.S3LOP2

**37,96€**  
SOLAR LED  
+  
SENSOR



F01.000.S3L

R22.131.S3L



**42,34 €**  
SOLAR LED  
+  
SENSOR

**BISSO/ROSETTA**  
for details see pag.193

**NEW**

**REDUCED PRICE** +  
**REDUCED VOLUME** =  
**SMART PACK**

SAVE UP TO  
**40%**  
VOLUME

MADE IN ITALY

**SINGLE BOX**

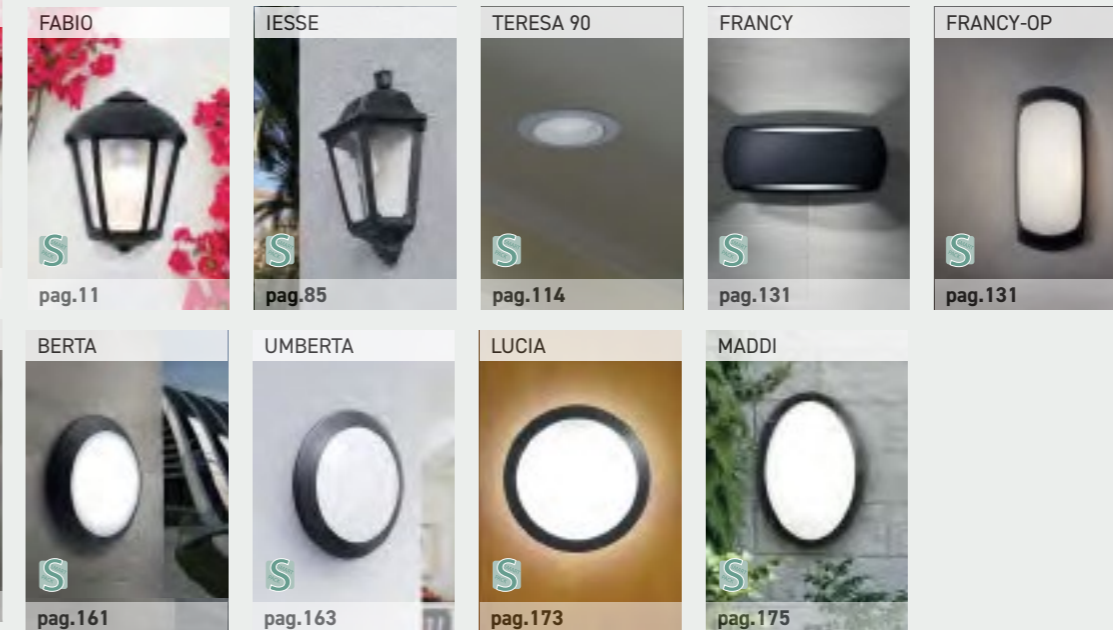


**SMART PACK**



- REDUCED PRICE
- SAVE UP TO 40% VOLUME
- ECO-FRIENDLY PACKAGING
- FILM WRAPPED ITEMS

**AVAILABLE FOR:**





# TÜV CERTIFIED LED MODULES



SWITCH FOR ON/OFF and BATTERY ACTIVATION

**SOLAR PANEL**

- Panel 2W/5V
- Monocrystalline
- High resistant tempered glass



**REPLACEABLE BATTERY**

- Quick and easy battery replacement
- LiFePO4 IFR 26650 3,4Ah-3,2V
- No risk of explosion



**MATERIAL**

- PC material suitable for outdoor use
- UV rays stabilized
- Anti shock

**PIR SENSOR**

- Detection angle 120°
- Fields of detection up to 5m
- Active for 25 sec.

**LENS**

- Frosted color lens reducing dazzle.
- Made of UV rays stabilized resin material to avoid yellowing process.
- Very compact and slim design for a better light distribution and for improving the light efficiency.

**LED**

- Power absorption of the led plate 2,7W (at 100% light)
- LED chips connected by pure **gold wires** able to withstand at the highest and lowest temperatures and granting a **lumens maintenance factor > 80%**.
- SMD 2835 LED.
- 4000K CRI>80



NEW VERSION



IP65

	✓ REDUCED PRICE
	✓ SOLAR PANEL COVER IN HIGH RESISTANT TEMPERED GLASS
<b>IP65</b>	✓ IMPROVED IP PROTECTION
	✓ SAME SWITCH FOR ON/OFF AND BATTERY ACTIVATION
	✓ VERY SIMPLE USE

BATTERY ACTIVATION BOTTOM		SELF-ADJUSTING WORKING MODE	
	ON/OFF	7% 20 lm	100% 280 lm for 25 sec.
		ENERGY SAVING MODE	FULL POWER MODE
OFF MODE TO PRESERVE THE BATTERY	AUTONOMY <b>46h</b> <i>(at fully charged battery)</i>		
	CHARGING TIME 6h <i>at 60.000 Lux (full sunny day)</i>		

REPLACEABLE BATTERY	
	<ul style="list-style-type: none"> <li>• LiFePO4 IFR 26650E3400, 3,2V</li> <li>• No risk of explosion</li> <li>• Longer Lifetime</li> </ul>
	NO WIRES NEEDED
MOTION SENSOR	
	<ul style="list-style-type: none"> <li>• PIR Sensor control</li> <li>• Detection angle 120°</li> <li>• Fields of detection up to 5mt</li> <li>• Active for 25 sec.</li> </ul>
SOLAR PANEL	
	<ul style="list-style-type: none"> <li>• 5V/2W</li> <li>• Monocrystalline</li> <li>• High resistant tempered glass</li> </ul>
	ANTI SHOCK

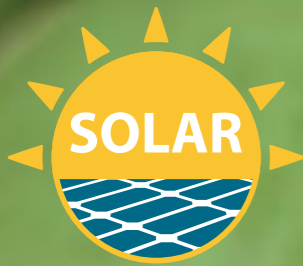




SOLAR

# JOSEPHA

SOLAR MODERN



REFLECTOR - OPTIONAL COLOURS



JS1.242.S3LOP2

**SOLAR MODULE NEW VERSION**

**49,64€**  
SOLAR LED + SENSOR

**REDUCED PRICE**

## ACK PRICE LIST

SOLAR MODERN

JOSEPHA

JOSEPHA SOLAR				
SOLAR MODULE NEW VERSION	BATTERY LiFePO4	SOLAR PANEL	LUMINOUS FLUX	COLOUR TEMPERATURE
	<b>3,4Ah</b> <b>3,2V</b>	5V/2W	<b>max 280Lm</b>	4000K



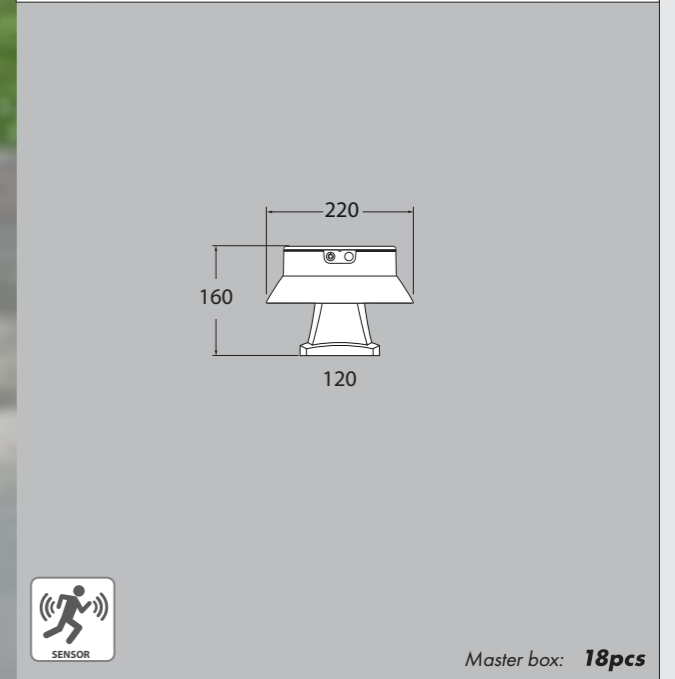
AVAILABLE COLORS			
RESIN BODY (MOULDED COLOURS)			REFLECTOR (STANDARD VERSION)
BLACK (A)	GREY (L)	WHITE (W)	OPAL (.OP2)

### JOSEPHA 160



SOLAR MODULE NEW VERSION

JS1.114.S3LOP2  
OPAL REFLECTOR  
**REDUCED PRICE** **40,88€**



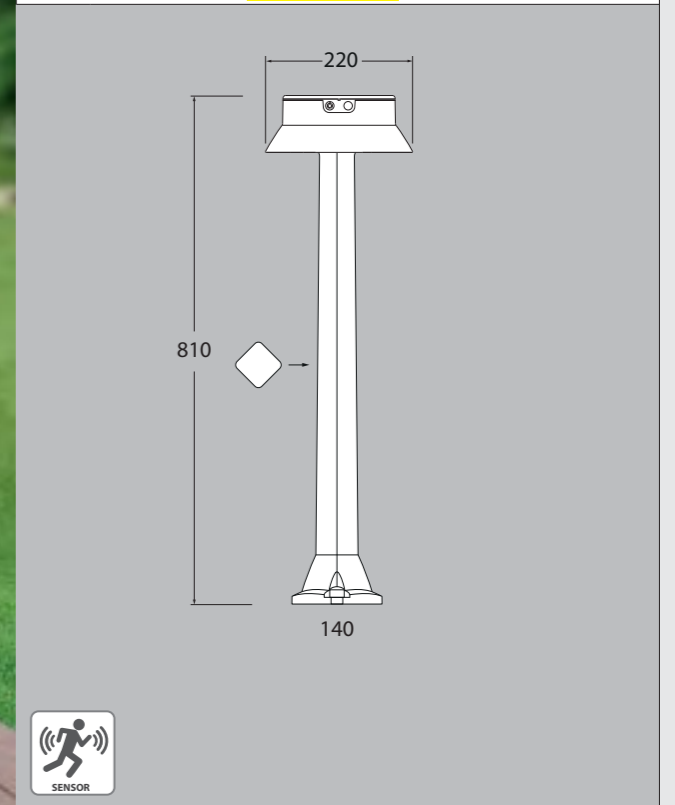
Master box: **18pcs**

### JOSEPHA 800



SOLAR MODULE NEW VERSION

JS1.242.S3LOP2  
OPAL REFLECTOR  
**REDUCED PRICE** **49,64€**



- 10 REVIVAL
- 32 GARDEN SMALL
- 48 GARDEN MEDIUM
- 68 GARDEN LARGE
- 84 HALF LANTERN
- 86 BOLLARD
- 92 BOLLARD
- 112 DOWNLIGHT
- 120 UP&DOWN
- 134 FLOODLIGHT
- 142 IN-GROUND
- 148 BRICKLIGHT
- 158 BULKHEAD
- 176 POST
- 184 SOLAR MODERN
- 192 SOLAR CLASSIC
- 194 LAMPS



SOLAR

# FIORINA

SOLAR MODERN



FI1.542.S3L

**SOLAR MODULE  
NEW VERSION**  
**43,80€**  
SOLAR LED  
+  
SENSOR  
**REDUCED  
PRICE**

## ACK PRICE LIST

SOLAR MODERN

FIORINA/FORTUNATO

FIORINA/FORTUNATO SOLAR				
SOLAR MODULE NEW VERSION	BATTERY LiFePO4	SOLAR PANEL	LUMINOUS FLUX	COLOUR TEMPERATURE
	<b>3,4Ah 3,2V</b>	5V/2W	<b>max 280Lm</b>	4000K



AVAILABLE COLORS

RESIN BODY  
(MOULDED COLOURS)



### FIORINA



**FI1.542.S3L** **43,80€**  
**REDUCED PRICE**

SPIKE INSTALLATION      GROUND INSTALLATION

**DUAL USE**

**Master box: 6pcs**

### FORTUNATO



**FO1.000.S3L** **37,96€**  
**REDUCED PRICE**

**Master box: 12pcs**

10	REVIVAL
32	GARDEN SMALL
48	GARDEN MEDIUM
68	GARDEN LARGE
84	HALF LANTERN
86	BOLLARD
92	BOLLARD
112	DOWNLIGHT
120	UP&DOWN
134	FLOODLIGHT
142	IN-GROUND
148	BRICKLIGHT
158	BULKHEAD
176	POST
184	SOLAR MODERN
192	SOLAR CLASSIC
194	LAMPS

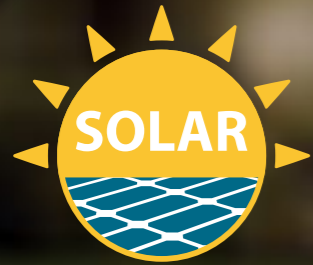
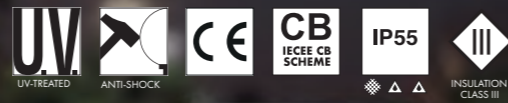


SOLAR

# FIORINA

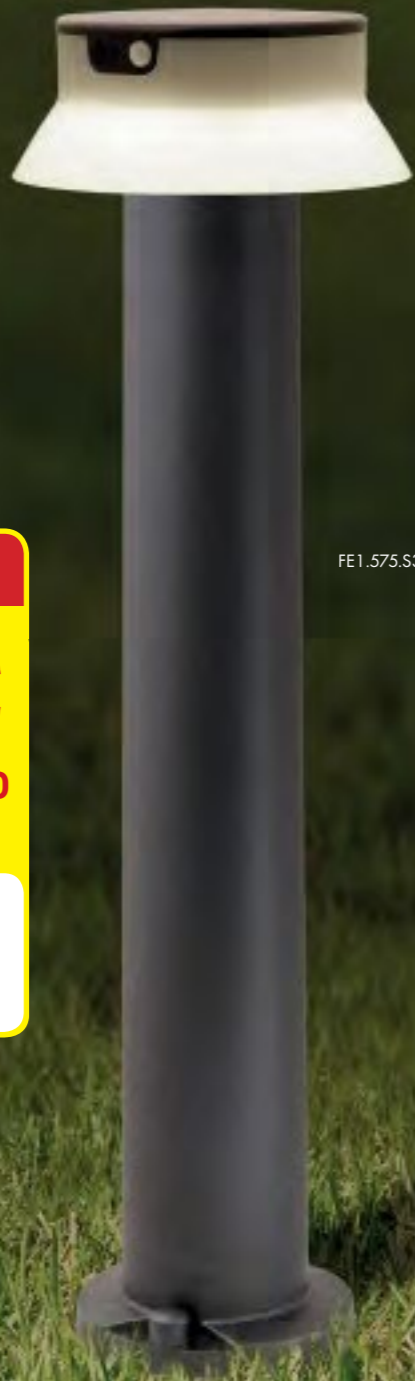
SOLAR MODERN

# ACK



## FELICE

SOLAR MODERN



FE1.575.S3LOP2

**SOLAR MODULE  
NEW VERSION**

**58,40€**

SOLAR LED  
+  
SENSOR

**REDUCED  
PRICE**



**REFLECTOR - OPTIONAL COLOURS**

	CLEAR	BLUE	GREEN
<b>PROMO PRICE</b>			
<b>5,84€</b>			
<b>(Reflector only)</b>			
code:	HX.SOL.RFL	HU.SOL.RFL	HN.SOL.RFL

ACK  
PRICE LIST

SOLAR MODERN

FELICE

FELICE SOLAR				
SOLAR MODULE NEW VERSION	BATTERY LiFePO4	SOLAR PANEL	LUMINOUS FLUX	COLOUR TEMPERATURE
	<b>3,4Ah 3,2V</b>	5V/2W	<b>max 280Lm</b>	4000K



AVAILABLE COLORS			
RESIN BODY (MOULDED COLOURS)			REFLECTOR (STANDARD VERSION)
BLACK (A)	GREY (L)	WHITE (W)	OPAL (.OP2)

**FELICE 800**

**SOLAR MODULE  
NEW VERSION**

FE1.575.S3LOP2  
OPAL REFLECTOR  
**REDUCED PRICE 58,40€**

730 220 Ø95 Ø155

Master box: **4pcs**

**FELICE 400**

**SOLAR MODULE  
NEW VERSION**

FE1.574.S3LOP2  
OPAL REFLECTOR  
**REDUCED PRICE 43,80€**

330 220 Ø95 Ø155

Master box: **12pcs**

**FELICE 200**

**SOLAR MODULE  
NEW VERSION**

FE1.573.S3LOP2  
OPAL REFLECTOR  
**REDUCED PRICE 40,88€**

180 220 Ø95

Master box: **18pcs**

**FELICE 200 SPIKE**

**SOLAR MODULE  
NEW VERSION**

FE1.572.S3LOP2  
OPAL REFLECTOR  
**REDUCED PRICE 40,88€**

180 220 Ø95 180

Master box: **18pcs**

MADE IN ITALY

GARDEN CLASSIC

GARDEN MODERN

SOLAR

- 10 REVIVAL
- 32 GARDEN SMALL
- 48 GARDEN MEDIUM
- 68 GARDEN LARGE
- 84 HALF LANTERN
- 86 BOLLARD
- 92 BOLLARD
- 112 DOWNLIGHT
- 120 UP&DOWN
- 134 FLOODLIGHT
- 142 IN-GROUND
- 148 BRICKLIGHT
- 158 BULKHEAD
- 176 POST
- 184 SOLAR MODERN
- 192 SOLAR CLASSIC
- 194 LAMPS



SOLAR

# SANTINA

SOLAR MODERN



**SOLAR MODULE  
NEW VERSION**

**52,56€**

**SOLAR LED  
+ SENSOR**



SL1.257.S3LOP2



REFLECTOR - OPTIONAL COLOURS			
	CLEAR	BLUE	GREEN
<b>PROMO PRICE</b>			
<b>5,84€</b> (Reflector only)			
code:	HX.SOL.RFL	HU.SOL.RFL	HN.SOL.RFL

## ACK PRICE LIST

SOLAR MODERN

SANTINA

SANTINA SOLAR				
SSOLAR MODULE NEW VERSION	BATTERY LiFePO4	SOLAR PANEL	LUMINOUS FLUX	COLOUR TEMPERATURE
	<b>3,4Ah 3,2V</b>	5V/2W	<b>max 280Lm</b>	4000K



AVAILABLE COLORS	
RESIN BODY (MOULDED COLOURS)	REFLECTOR (STANDARD VERSION)
<b>BLACK (A)</b> 	<b>OPAL (.OP2)</b> 

	SANTINA 800	SANTINA 500	SANTINA 300
	 SL1.257.S3LOP2 OPAL REFLECTOR <b>59€</b>	 SL1.256.S3LOP2 OPAL REFLECTOR <b>55,48€</b>	 SL1.255.S3LOP2 OPAL REFLECTOR <b>52,56€</b>

	SANTINA 800 SPIKE	SANTINA 500 SPIKE	SANTINA 300 SPIKE
	 SL1.260.S3LOP2 OPAL REFLECTOR <b>55,48€</b>	 SL1.259.S3LOP2 OPAL REFLECTOR <b>56,56€</b>	 SL1.258.S3LOP2 OPAL REFLECTOR <b>49,64€</b>

MADE IN ITALY

- 10 REVIVAL
- 32 GARDEN SMALL
- 48 GARDEN MEDIUM
- 68 GARDEN LARGE
- 84 HALF LANTERN
- 86 BOLLARD
- 92 BOLLARD
- 112 DOWNLIGHT
- 120 UP&DOWN
- 134 FLOODLIGHT
- 142 IN-GROUND
- 148 BRICKLIGHT
- 158 BULKHEAD
- 176 POST
- 184 SOLAR MODERN
- 192 SOLAR CLASSIC
- 194 LAMPS



SOLAR

# ROSETTA

SOLAR CLASSIC



**SOLAR MODULE  
NEW VERSION**

**56,95€**

SOLAR LED  
+  
SENSOR

**REDUCED  
PRICE**

R22.151.S3L

## ACK PRICE LIST

SOLAR CLASSIC

ROSETTA

ROSETTA SOLAR				
SOLAR MODULE NEW VERSION	BATTERY LiFePO4	SOLAR PANEL	LUMINOUS FLUX	COLOUR TEMPERATURE
	3,4Ah 3,2V	5V/2W	max 280Lm	4000K



AVAILABLE COLORS	
RESIN BODY	DIFFUSER
BLACK (A)	FROSTED (F)

**BISSO/ROSETTA**

R22.131.S3L  
**REDUCED PRICE 42,35€**

**SOLAR MODULE  
NEW VERSION**

300  
340

Master box: **12pcs**

**MINILOT/ROSETTA**

R22.111.S3L  
**REDUCED PRICE 42,35€**

**SOLAR MODULE  
NEW VERSION**

240  
355  
Ø150

Master box: **12 pcs**

**MIZAR/ROSETTA**

R22.151.S3L  
**REDUCED PRICE 56,95€**

**SOLAR MODULE  
NEW VERSION**

240  
960  
Ø50  
Ø150

**IAFET/ROSETTA**

R22.162.S3L  
**REDUCED PRICE 71,55€**

**SOLAR MODULE  
NEW VERSION**

240  
935  
Ø190

MADE IN ITALY

- 10 REVIVAL
- 32 GARDEN SMALL
- 48 GARDEN MEDIUM
- 68 GARDEN LARGE
- 84 HALF LANTERN
- 86 BOLLARD
- 92 BOLLARD
- 112 DOWNLIGHT
- 120 UP&DOWN
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# TÜV CERTIFIED LED MODULES



## Power surges resistant

- **Wide voltage range (100-240V)** to protect the driver both from voltage droop and voltage overshoot, which are quite frequent in case of outdoor installations.
- **Double 400V capacitors** and multiple resistances to withstand power surges.
- **Silicone paste** to avoid – in case of voltage swings - the vibration of the electronic components of the driver and the consequent risk of components unsoldering.

## Heat resistant - Working temperature -30°+80°C

- **Gold wire bonding:** Chips connected by pure gold wires, which are able to withstand at the highest and lowest temperatures and at temperature fluctuations between day and night. The gold wire bonding can grant a lumens maintenance factor > 80%.
- **Silicone paste:** Thermoconductive silicone paste with metal powder inside for helping heat dissipation and avoid overheating problems and for protecting the electronic components in case of high and low temperatures.

## Humidity resistant - Weatherproof driver for a longer lifetime

- **Silicone paste:** The driver is fully enclosed in a special silicone paste, which ensures the highest driver protection against moisture and humidity up to 90%, both unavoidable in outdoor installations.

CE

**LVD TESTED**  
*LVD Certificate: Fumagalli lamps fulfil the Low Voltage Directive 2014/35/EU, therefore are CE marked and comply with safety requirements like protection against electrical shock, moisture and heat resistance, resistance to flame and ignition.*

**EMC TESTED**  
*EMC Certificate: Fumagalli lamps meet the Electromagnetic Compatibility Directive 2014/30/EU and its amendments.*

**NEW ERP**  
*New ERP Attestation of conformity: Fumagalli lamps fulfil the NEW European Ecodesign Directive EU 2019/2020, which sets stricter energy efficiency requirements, new verification tolerances and other factors such as bulb lifetime and warm-up time.*

**CB**  
*IECEE CB Certificate: Fumagalli lamps meet the International System for Conformity and Certification of Electrotechnical Equipment allowing direct market access in more than 50 countries all over the world.*

**RoHS REACH COMPLIANT**  
*RoHS REACH compliant: Fumagalli lamps fulfil the RoHS (Restriction of Hazardous Substances) directive 2011/65/EU and its amendments and the REACH regulation (EC) No. 1907/2006, regarding the concentration of Very High Concern Substances (SVHC).*



Tested according to :  
EN 62560:2012/A1: 2015  
IEC/TR 62778:2014  
EN 62493:2015



# TÜV CERTIFIED LED MODULES

### E27 LED A60- CCT SETTABLE

POWER	8,5 W	11 W
LUMINOUS FLUX (Φ TOTAL)	2700 K: 840 lm 4000 K: 920 lm 6500 K: 920 lm	1100 lm 1200 lm 1200 lm
SIZE & SOCKET	 E27 86% savings ≈60W replacement	 E27 85% savings ≈75W replacement
VOLTAGE	100-240 V	100-240 V
FREQUENCY	50/60 Hz	50/60 Hz
DISPLACEMENT FACTOR	>0,5	>0,7
PSTLM (NO FLICKER)	< 1	< 1
SVM	< 0,4	< 0,4
CRI	> 80	> 80
SDCM	<6	<6
LIFETIME	25.000 h	25.000 h
EFFICIENCY CLASS	F	F
REF. CODE	H.LED.A60.CCT	H2.LED.A60.CCT

### E27 LED FILAMENT A60

POWER	6,5 W
LUMINOUS FLUX (Φ TOTAL)	2700 K: 800 lm
SIZE & SOCKET	 E27 90% savings ≈60W replacement
VOLTAGE	100-240 V
FREQUENCY	50/60 Hz
DISPLACEMENT FACTOR	>0,5
CRI	> 80
SWITCHING CYCLE	>100.000
WARM UP TIME	≤ 0,5"
LIFETIME	25.000 h
EFFICIENCY CLASS	E
REF. CODE	H.LED.FIL.3K

- 10 REVIVAL
- 32 GARDEN SMALL
- 48 GARDEN MEDIUM
- 68 GARDEN LARGE
- 84 HALF LANTERN
- 86 BOLLARD
- 92 BOLLARD
- 112 DOWNLIGHT
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- 134 FLOODLIGHT
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# TÜV CERTIFIED LED MODULES



# TÜV CERTIFIED LED MODULES

## E27 HIGH POWER LED

	POWER		<b>15 W</b>	<b>30W</b>
	LUMINOUS FLUX ( Φ TOTAL)	3000 K	1545 lm	3325lm
		4000 K	1690 lm	3620 lm
SIZE & SOCKET				
			E27	E27
	VOLTAGE		100-240 V	100-240 V
	FREQUENCY		50/60 Hz	50/60 Hz
	DISPLACEMENT FACTOR		>0,7	>0,9
	PSTLM (NO FLICKER)		<1	<1
	SVM		0,4	0,4
	CRI		> 80	> 80
	SDCM		<6	<6
	SWITCHING CYCLE		30.000	30.000
	WARM UP TIME		< 0,5"	< 1"
	LIFETIME		25.000 h	25.000 h
	EFFICIENCY CLASS		F	E
	REF. CODE		H3.LED.HIP.CCT	H2.LED.HIP.CCT

**CCT SETTABLE**  
3000 K 4000 K  
SDCM <6

**SILICONE PROTECTION DRIVER**

**INDOOR & OUTDOOR USE**  
-30 +80 °C 90% HUMIDITY  
VOLTAGE SURGE RESISTANT

**ENERG+**  
FUMAGALLI S.R.L.  
H.LED.HIP.CCT  
E

**CE CB** LVD EMC ERP

**IECEE**  
IECEE CB CERTIFICATE:  
SG PSB-LE-03835  
SG PSB-LE-03834

**TUV**

**ENERG+**  
FUMAGALLI S.R.L.  
H.LED.GU10.CCT  
F

**CE CB** LVD EMC ERP

**IECEE**  
IECEE CB CERTIFICATE:  
SG PSB-LE-02300A1

## E27 HIGH POWER LED

	POWER		<b>50 W</b>	<b>60W</b>
	LUMINOUS FLUX ( Φ TOTAL)	3000 K	5850 lm	6800 lm
		4000 K	6550 lm	7600 lm
SIZE & SOCKET				
			E27	E27
	VOLTAGE		100-240 V	100-240 V
	FREQUENCY		50/60 Hz	50/60 Hz
	DISPLACEMENT FACTOR		>0,9	>0,9
	PSTLM (NO FLICKER)		<1	<1
	SVM		0,4	0,4
	CRI		> 80	> 80
	SWITCHING CYCLE		30.000	30.000
	WARM UP TIME		< 1"	< 0,5"
	LIFETIME		25.000 h	25.000 h
	KELVIN	3000 K	4000 K	3000 K
				4000 K
	EFFICIENCY CLASS		E	E
	REF. CODE		H.LED.HIP.3K	H.LED.HIP.4K

**SILICONE PROTECTION DRIVER**

**INDOOR & OUTDOOR USE**  
-30 +80 °C 90% HUMIDITY  
VOLTAGE SURGE RESISTANT

**ENERG+**  
FUMAGALLI S.R.L.  
H.LED.HIP.3K  
E

**CE CB** LVD EMC ERP

**IECEE**  
IECEE CB CERTIFICATE:  
SG PSB-LE-03791  
SG PSB-LE-03799


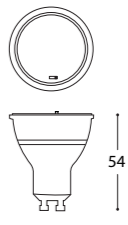
**TUV**

**ENERG+**  
FUMAGALLI S.R.L.  
H.LED.GU10.CCT  
F

**CE CB** LVD EMC ERP

**IECEE**  
IECEE CB CERTIFICATE:  
SG PSB-LE-02300A1

## GU10 LED - CCT SETTABLE

	POWER		<b>3,5 W</b>
	LUMINOUS FLUX (Φ TOTAL)	2700 K	329 lm
		4000 K	366 lm
SIZE & SOCKET			
			GU10
	LUMINOUS FLUX (Φ USE 90°)		260 lm
	VOLTAGE		100-240 V
	FREQUENCY		50/60 Hz
	DISPLACEMENT FACTOR		>0
	PSTLM (NO FLICKER)		<1
	SVM		0,4
	CRI		> 80
	SDCM		<3
	BEAM ANGLE		43°
	SWITCHING CYCLE		> 25.000
	WARM UP TIME		< 0,5"
	LIFETIME		25.000 h
	EFFICIENCY CLASS		F
	REF. CODE		H.LED.GU10.CCT

**CCT SETTABLE**  
2700 K 4000 K  
SDCM <3

**SILICONE PROTECTION DRIVER**

**INDOOR & OUTDOOR USE**  
-30 +80 °C 90% HUMIDITY  
VOLTAGE SURGE RESISTANT

**ENERG+**  
FUMAGALLI S.R.L.  
H.LED.GU10.CCT  
F

**CE CB** LVD EMC ERP

**IECEE**  
IECEE CB CERTIFICATE:  
SG PSB-LE-02300A1


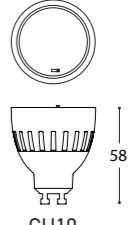
**TUV**

**ENERG+**  
FUMAGALLI S.R.L.  
H.LED.GU10.CCT  
F

**CE CB** LVD EMC ERP

**IECEE**  
IECEE CB CERTIFICATE:  
SG PSB-LE-02300A1

## GU10 LED - CCT SETTABLE

	POWER		<b>6 W</b>
	LUMINOUS FLUX (Φ TOTAL)	2700 K	562 lm
		4000 K	615 lm
SIZE & SOCKET			
			GU10
	LUMINOUS FLUX (Φ USE 90°)		440 lm
	VOLTAGE		100-240 V
	FREQUENCY		50/60 Hz
	DISPLACEMENT FACTOR		>0,5
	PSTLM (NO FLICKER)		<1
	SVM		0,9
	CRI		> 80
	SDCM		<3
	BEAM ANGLE		45°
	SWITCHING CYCLE		> 25.000
	WARM UP TIME		< 0,5"
	LIFETIME		25.000 h
	EFFICIENCY CLASS		F
	REF. CODE		H2.LED.GU10.CCT

**CCT SETTABLE**  
2700 K 4000 K  
SDCM <3

**SILICONE PROTECTION DRIVER**

**INDOOR & OUTDOOR USE**  
-30 +80 °C 90% HUMIDITY  
VOLTAGE SURGE RESISTANT

**ENERG+**  
FUMAGALLI S.R.L.  
H.LED.GU10.CCT  
F

**CE CB** LVD EMC ERP

**IECEE**  
IECEE CB CERTIFICATE:  
SG PSB-LE-02300A1

**TUV**

**ENERG+**  
FUMAGALLI S.R.L.  
H.LED.GU10.CCT  
F

**CE CB** LVD EMC ERP

**IECEE**  
IECEE CB CERTIFICATE:  
SG PSB-LE-02300A1

- 10 REVIVAL
- 32 GARDEN SMALL
- 48 GARDEN MEDIUM
- 68 GARDEN LARGE
- 84 HALF LANTERN
- 86 BOLLARD
- 92 BOLLARD
- 112 DOWNLIGHT
- 120 UP&DOWN
- 134 FLOODLIGHT
- 142 IN-GROUND
- 148 BRICKLIGHT
- 158 BULKHEAD
- 176 POST
- 184 SOLAR MODERN
- 192 SOLAR CLASSIC
- 194 LAMPS



# TÜV CERTIFIED LED MODULES



## GX53 LED Ø75mm- CCT SETTABLE

	POWER	<b>3 W</b>	
	LUMINOUS FLUX (Φ TOTAL)	3000 K	405 lm
		4000 K	410 lm
	6500 K	410 lm	
SIZE & SOCKET	<p>Ø75 20 GX53</p>		
<p>CCT SETTABLE 3000 K 4000 K 6500 K SDCM &lt;6</p> <p>ENERG+ FUMAGALLI S.R.L. H4.LED.G53.CCT</p> <p>CE LVD CB EMC ERP</p> <p>INDOOR &amp; OUTDOOR USE -30 +80 °C 90% HUMIDITY VOLTAGE SURGE RESISTANT</p> <p>COMPLY WITH: EU 2019/2015 EU 2019/2020</p> <p>IECEE CB CERTIFICATE: SG PSB-LE-03887</p>	LUMINOUS FLUX (Φ USE 120°)	335 lm	
	VOLTAGE	100-240 V	
	FREQUENCY	50/60 Hz	
	PSTLM (NO FLICKER)	<1	
	SVM	0,4	
	CRI	> 80	
	SDCM	<6	
	BEAM ANGLE	112°	
	SWITCHING CYCLE	> 30.000	
	WARM UP TIME	0s	
	LIFETIME	25.000 h	
	EFFICIENCY CLASS	E	
	REF. CODE	H.LED.G53.CCT	

## GX53 LED Ø180mm- CCT SETTABLE

	POWER	<b>11,3 W</b>	
	LUMINOUS FLUX (Φ TOTAL)	2700 K	1380 lm
		4000 K	1510 lm
	6500 K	1510 lm	
SIZE & SOCKET	<p>Ø183 32 GX53</p>		
<p>CCT SETTABLE 2700 K 4000 K 6500 K SDCM &lt;6</p> <p>ENERG+ FUMAGALLI S.R.L. H4.LED.G53.CCT</p> <p>CE LVD CB EMC ERP</p> <p>INDOOR &amp; OUTDOOR USE -30 +80 °C 90% HUMIDITY VOLTAGE SURGE RESISTANT</p> <p>COMPLY WITH: EU 2019/2015 EU 2019/2020</p> <p>IECEE CB CERTIFICATE: SG PSB-LE-03936</p>	LUMINOUS FLUX (Φ USE 120°)	1100 lm	
	VOLTAGE	100-240 V	
	FREQUENCY	50/60 Hz	
	DISPLACEMENT FACTOR	>0,7	
	PSTLM (NO FLICKER)	<1	
	SVM	0,4	
	CRI	> 80	
	SDCM	<6	
	BEAM ANGLE (FWHM)	110°	
	SWITCHING CYCLE	> 25.000	
	WARM UP TIME	≤ 0,5"	
	LIFETIME	25.000 h	
	EFFICIENCY CLASS	E	
	REF. CODE	H4.LED.G53.CCT	

## GX53 LED Ø100mm - CCT SETTABLE

	POWER	<b>10W</b>	
	LUMINOUS FLUX (Φ TOTAL)	3000 K	1190 lm
		4000 K	1290 lm
	6500 K	1210 lm	
SIZE & SOCKET	<p>Ø100 37 GX53</p>		
<p>CCT SETTABLE 3000 K 4000 K 6500 K SDCM &lt;6</p> <p>ENERG+ FUMAGALLI S.R.L. H3.LED.G53.CCT</p> <p>CE LVD CB EMC ERP</p> <p>INDOOR &amp; OUTDOOR USE -30 +80 °C 90% HUMIDITY VOLTAGE SURGE RESISTANT</p> <p>COMPLY WITH: EU 2019/2015 EU 2019/2020</p> <p>IECEE CB CERTIFICATE: SG PSB-LE-03887</p>	LUMINOUS FLUX (Φ USE 120°)	975 lm	
	VOLTAGE	100-240 V	
	FREQUENCY	50/60 Hz	
	DISPLACEMENT FACTOR	>0,5	
	PSTLM (NO FLICKER)	< 1	
	SVM	0,4	
	CRI	> 80	
	SDCM	<6	
	BEAM ANGLE	112°	
	SWITCHING CYCLE	> 30.000	
	WARM UP TIME	0s	
	LIFETIME	25.000 h	
	EFFICIENCY CLASS	E	
	REF. CODE	H3.LED.G53.CCT	

## GX53 LED Ø180mm- CCT SETTABLE

	POWER	<b>17 W</b>	
	LUMINOUS FLUX (Φ TOTAL)	2700 K	2070 lm
		4000 K	2350 lm
	6500 K	2350 lm	
SIZE & SOCKET	<p>Ø183 32 GX53</p>		
<p>CCT SETTABLE 2700 K 4000 K 6500 K SDCM &lt;6</p> <p>ENERG+ FUMAGALLI S.R.L. H5.LED.G53.CCT</p> <p>CE LVD CB EMC ERP</p> <p>INDOOR &amp; OUTDOOR USE -30 +80 °C 90% HUMIDITY VOLTAGE SURGE RESISTANT</p> <p>COMPLY WITH: EU 2019/2015 EU 2019/2020</p> <p>IECEE CB CERTIFICATE: SG PSB-LE-03936</p>	LUMINOUS FLUX (Φ USE 120°)	1660 lm	
	VOLTAGE	100-240 V	
	FREQUENCY	50/60 Hz	
	DISPLACEMENT FACTOR	>0,7	
	PSTLM (NO FLICKER)	<1	
	SVM	0,4	
	CRI	> 80	
	SDCM	<6	
	BEAM ANGLE (FWHM)	108°	
	SWITCHING CYCLE	> 25.000	
	WARM UP TIME	≤ 0,5"	
	LIFETIME	25.000 h	
	EFFICIENCY CLASS	E	
	REF. CODE	H5.LED.G53.CCT	

10	REVIVAL
32	GARDEN SMALL
48	GARDEN MEDIUM
68	GARDEN LARGE
84	HALF LANTERN
86	BOLLARD
92	BOLLARD
112	DOWNLIGHT
120	UP&DOWN
134	FLOODLIGHT
142	IN-GROUND
148	BRICKLIGHT
158	BULKHEAD
176	POST
184	SOLAR MODERN
192	SOLAR CLASSIC
194	LAMPS



# TÜV CERTIFIED LED MODULES

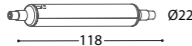
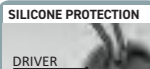




## TÜV CERTIFIED LED MODULES

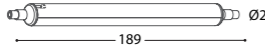


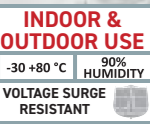

### R7s LED 78mm- CCT SETTABLE

SIZE & SOCKET	R7s 	POWER	<b>3,5W</b>
CCT SETTABLE 2700 K 4000 K 6500 K SDCM <4		LUMINOUS FLUX ( Φ TOTAL)	2700 K: 325 lm 4000 K: 365 lm 6500 K: 365 lm
		VOLTAGE	100-240 V
		FREQUENCY	50/60 Hz
 INDOOR & OUTDOOR USE -30 +80 °C 90% HUMIDITY VOLTAGE SURGE RESISTANT  ENERGI FUMAGALLI S.R.L. H7.LED.R7S.CCT 4 kWh/1000h COMPLY WITH: EU 2019/2015 EU 2019/2020	DISPLACEMENT FACTOR	>0	
	PSTLM (NO FLICKER)	<1	
	SVM	0,4	
	CRI	> 80	
	SDCM	<6	
	SWITCHING CYCLE	45.000	
	WARM UP TIME	≤ 0,5"	
	LIFETIME	25.000 h	
	EFFICIENCY CLASS	F	
	REF. CODE	H7.LED.R7S.CCT	





### R7s LED 118mm- CCT SETTABLE

SIZE & SOCKET	R7s 	POWER	<b>7,5 W</b>
CCT SETTABLE 2700 K 4000 K 6500 K SDCM <4		LUMINOUS FLUX ( Φ TOTAL)	2700 K: 680 lm 4000 K: 775 lm 6500 K: 790 lm
		VOLTAGE	100-240 V
		FREQUENCY	50/60 Hz
 SILICONE PROTECTION DRIVER  INDOOR & OUTDOOR USE -30 +80 °C 90% HUMIDITY VOLTAGE SURGE RESISTANT  ENERGI FUMAGALLI S.R.L. H8.LED.R7S.CCT 8 kWh/1000h COMPLY WITH: EU 2019/2015 EU 2019/2020	DISPLACEMENT FACTOR	>0,5	
	PSTLM (NO FLICKER)	<1	
	SVM	0,4	
	CRI	> 80	
	SDCM	<6	
	SWITCHING CYCLE	45.000	
	WARM UP TIME	≤ 0,5"	
	LIFETIME	25.000 h	
	EFFICIENCY CLASS	F	
	REF. CODE	H8.LED.R7S.CCT	

### R7s LED 189mm- CCT SETTABLE

SIZE & SOCKET	R7s 	POWER	<b>10,5 W</b>
CCT SETTABLE 2700 K 4000 K 6500 K SDCM <4		LUMINOUS FLUX ( Φ TOTAL)	2700 K: 1000 lm 4000 K: 1130 lm 6500 K: 1160 lm
		VOLTAGE	100-240 V
		FREQUENCY	50/60 Hz
 SILICONE PROTECTION DRIVER  INDOOR & OUTDOOR USE -30 +80 °C 90% HUMIDITY VOLTAGE SURGE RESISTANT  ENERGI FUMAGALLI S.R.L. H9.LED.R7S.CCT 11 kWh/1000h COMPLY WITH: EU 2019/2015 EU 2019/2020	DISPLACEMENT FACTOR	>0,7	
	PSTLM (NO FLICKER)	<1	
	SVM	0,4	
	CRI	> 80	
	SDCM	<6	
	SWITCHING CYCLE	45.000	
	WARM UP TIME	≤ 0,5"	
	LIFETIME	25.000 h	
	EFFICIENCY CLASS	F	
	REF. CODE	H9.LED.R7S.CCT	

### G9LED

	POWER	<b>1,7 W</b>
	LUMINOUS FLUX (Φ TOTAL)	3000 K: 150 lm 4000 K: 150 lm
	SIZE & SOCKET	 G9
 INDOOR & OUTDOOR USE -30 +80 °C 90% HUMIDITY VOLTAGE SURGE RESISTANT  ENERGI FUMAGALLI S.R.L. H.LED.G09.3K 2 kWh/1000h COMPLY WITH: EU 2019/2015 EU 2019/2020 IECEE CB CERTIFICATE: SG PSB-LE-02130	VOLTAGE	100-240 V
	FREQUENCY	50/60 Hz
	PSTLM (NO FLICKER)	<1
	SVM	0,9
	CRI	> 80
	SDCM	<6
	SWITCHING CYCLE	>40.000
	WARM UP TIME	≤ 0,5"
	LIFETIME	15.000 h
	KELVIN	3000 K
EFFICIENCY CLASS	F	F
REF. CODE	H.LED.G09.3K	H.LED.G09.4K

### SOLAR MODULE

 NEW VERSION SOLAR IP65  IECEE CB CERTIFICATE: SG PSB-LE-05512  CE CB LVD EMC ERP	SIZE	
	ENERGY SAVING MODE	LUMEN: 20 AUTONOMY: 46h
	FULL POWER MODE	LUMEN: 280 ACTIVE TIME: 25 sec
	SOLAR PANEL	5V/2W Monocrystalline Antishock material High resistant tempered glass
	CHARGING TIME	6h
	REPLACEABLE BATTERY	LiFePO4 IFR26650E3400, 3.2V No Risk of explosion Longer Lifetime
	PIR SENSOR	Detection angle 120° Fields of detection up to 5 mt Active for 25 sec.
	LED	1 CIRCUITS: SMD 2835 COLOR RENDERING INDEX RA: > 80 SDCM: < 6 LIFETIME: 30.000 h KELVIN: 4000 K
	REF. CODE	H2.LED.SOL.4K

- 10 REVIVAL
- 32 GARDEN SMALL
- 48 GARDEN MEDIUM
- 68 GARDEN LARGE
- 84 HALF LANTERN
- 86 BOLLARD
- 92 BOLLARD
- 112 DOWNLIGHT
- 120 UP&DOWN
- 134 GARDEN MODERN FLOODLIGHT
- 142 IN-GROUND
- 148 BRICKLIGHT
- 158 BULKHEAD
- 176 POST
- 184 SOLAR MODERN
- 192 SOLAR CLASSIC





**A C K**

Abdullahođlu Elektrik Aydınlatma San. Tic. AŞ.  
Selimpaşa Mahallesi  
5008. Sokak No:5  
Silivri / İSTANBUL  
TÜRKİYE