Since 1964
YAKAN LIGHTING
Outdoor Decorative Lighting Products Manufacturing and Trade
Best Globe®

SOLAR LIGHTING

PRODUCT CATALOGUE

IP66

LVD

EMC

IK08
For metal body only



2026 collection

Solar luminaires, poles and mounting accessories

3.2V Solar Lighting Systems

Professional solar lighting for outdoor applications

Y.A.126030

3.2 V / 90 W EQUIVALENT



Mounting height: Up to 5 meters
LED: High-efficiency solar optic lens, Nichia LED 6500K, 2400 Lm
Lighting area: 80 m²
Body: Aluminum
Battery: 4 units of 6 Ampere battery group, LifeP04 (minimum lifespan of 5 years)
Solar panel: 14.25 W Monocrystalline
Operating mode: Motion sensor, high light - low light level performance mode
Charging / operation: 16 hours of lighting duration achieved with 6-8 hours of sunlight exposure.
Dimensions: 300*100 mm armature, Panel: 420*300 mm including fittings
Weight: 3 kg
Indicative payback: 2.5 years

2 2-YEAR WARRANTY

IP66 | LVD | EMC | IK08 For metal body only

Y.A.127020

3.2 V / 70 W EQUIVALENT



Mounting height: Up to 4 meters
LED: High-efficiency solar optic lens, Nichia LED 6500K, 2200 Lm
Lighting area: 80 m²
Body: Aluminum. Connection parts: Steel with galvanized coating and electrostatic paint
Battery: 2 units of a 6 Ampere battery group, LifeP04 (minimum lifespan of 5 years)
Solar panel: 7 W Monocrystalline
Operating mode: Motion sensor, high light - low light level performance mode
Charging / operation: Achieves 14 hours of lighting with 6-8 hours of sunlight exposure
Dimensions: 190*260*40 mm
Weight: 2 kg
Indicative payback: 2.5 years.

2 2-YEAR WARRANTY

IP66 | LVD | EMC | IK08 For metal body only

3.2V Solar Lighting Systems

Professional solar lighting for outdoor applications

Y.A.127025

3.2 V / 100 W - 150 W EQUIVALENT



Mounting height: Up to 5 meters
LED: High-efficiency solar optic lens, Nichia LED 6500K, 2400 Lm
Lighting area: 90 m²
Body: aluminum, Connection Parts: steel with galvanized coating and electrostatic paint.
Battery: 4 units of a 6 Ampere battery group, LifeP04 (with a minimum lifespan of 5 years)
Solar panel: 14.25 W Monocrystalline
Operating mode: Motion sensor, high light - low light level performance mode
Charging / operation: Achieves 17-20 hours of lighting with 6-8 hours of sunlight exposure
Dimensions: 360*550*450 mm (including panel and arm length)
Weight: 6.5 kg.
Indicative payback: 2.5 years.

2 2-YEAR WARRANTY

IP66 | LVD | EMC | IK08 For metal body only

Y.A.127030

3.2 V / 100 W - 150 W EQUIVALENT



Mounting height: Up to 5 meters
LED: High-efficiency solar optic lens, Nichia LED 6500K, 2400 Lm
Lighting area: 90 m²
Body: Steel with galvanized coating and electrostatic paint
Battery: 4 units of 6 Ampere battery group, LifeP04 (minimum lifespan of 5 years)
Solar panel: 14.25 W Monocrystalline
Operating mode: Motion sensor, high light-low light level performance mode
Charging / operation: 17-20 hours of lighting with 6-8 hours of sunlight exposure
Dimensions: 200*560*220 mm (varies according to armature angle)
Weight: 4.6 kg
Indicative payback: 2.5 years

2 2-YEAR WARRANTY

IP66 | LVD | EMC | IK08 For metal body only

3.2V & 12V Solar Lighting Systems

Professional solar lighting for outdoor applications

Y.A.127032

3.2 V / 100 W - 150 W EQUIVALENT



Mounting height: Up to 5 meters
LED: High-efficiency solar optic lens, Nichia LED 6500K, 2400 Lm
Lighting area: 90 m^2
Body: Steel with galvanized coating and electrostatic paint
Battery: 4 units of 6 Ampere battery group, LifeP04 (minimum lifespan of 5 years)
Solar panel: 14.25 W Monocrystalline
Operating mode: Motion sensor, high light-low light level performance mode
Charging / operation: 17-20 hours of lighting with 6-8 hours of sunlight exposure
Dimensions: 360*480*200 mm (varies according to armature angle)
Weight: 6 kg
Indicative payback: 2.5 years

2 2-YEAR WARRANTY

IP66 | LVD | EMC | IK08 For metal body only

Y.A.127040

12 V / 100 W - 150 W EQUIVALENT



Mounting height: 6 meters and above
LED: High-efficiency solar optic lens, Nichia LED 6500K 3100 Lm-5200 Lm
Lighting area: 100 m^2
Body: Aluminum Connection Parts: steel with galvanized coating and electrostatic paint
Battery: 8 units of 6 Ampere battery group, LifeP04 (minimum lifespan of 5 years)
Solar panel: 60 W Monocrystalline
Operating mode: Motion sensor, high light-low light level performance mode
Charging / operation: 20-22 hours of lighting with 6-8 hours of sunlight exposure
Dimensions: 540*620*800 mm (varies according to panel angle)
Weight: 21 kg
Indicative payback: 2.5 years

3 3-YEAR WARRANTY

IP66 | LVD | EMC | IK08 For metal body only

12V Solar Lighting Systems

Professional solar lighting for outdoor applications

Y.A.127060

12 V / 100 W - 150 W EQUIVALENT



Mounting height: 6 meters and above
LED: High-efficiency solar special lens, Nichia LED 6500K, 3100 Lm - 5200 Lm
Lighting area: 100 m^2
Body: Steel with galvanized coating and electrostatic paint
Battery: 8 units of 6 Ampere battery group, LifeP04 (minimum lifespan of 5 years)
Solar panel: 25 W Monocrystalline
Operating mode: Motion sensor, high light-low light level performance mode
Charging / operation: 20-22 hours of lighting with 6-8 hours of sunlight exposure
Dimensions: 360*480*200 mm (varies according to armature angle)
Weight: 6.5 kg
Indicative payback: 2.5 years

3 3-YEAR WARRANTY

IP66 | LVD | EMC | IK08 For metal body only

Y.A.127075

12 V / 150 W - 200 W EQUIVALENT



Mounting height: Between 6-10 meters
LED: High-efficiency solar special lens, Nichia LED 6500K 3900 Lm-6700 Lm
Lighting area: 150-200 m^2
Body: Aluminum, Connection Parts: steel with galvanized coating and electrostatic paint
Battery: 8 units of 6 Ampere battery group, LifeP04 (minimum lifespan of 5 years)
Solar panel: 75 W Monocrystalline
Operating mode: Motion sensor, high light-low light level performance mode
Charging / operation: 20-22 hours of lighting with 6-8 hours of sunlight exposure
Dimensions: 540*620*800 mm (varies according to panel angle)
Weight: 22 kg
Indicative payback: 2.5 years

3 3-YEAR WARRANTY

IP66 | LVD | EMC | IK08 For metal body only

12V Solar Lighting Systems

Professional solar lighting for outdoor applications

Y.A.127080

12 V / 250 W - 300 W EQUIVALENT



Mounting height: Between 10-12 meters
LED: High-efficiency solar optic lens, Nichia LED 6500K 3900 Lm - 6700 Lm
Lighting area: 160-200 m²
Body: Aluminum, Connection Parts: Steel with Galvanized Coating + Electrostatic Paint
Battery: 8 units of 6 Ampere battery group, LifeP04 (minimum lifespan of 5 years)
Solar panel: 110 W Monocrystalline
Operating mode: Motion sensor, high light-low light level performance mode
Charging / operation: 20-22 hours of lighting with 6-8 hours of sunlight exposure
Dimensions: 540*620*800 mm (varies according to panel angle)
Weight: 23 kg
Indicative payback: 2.5 years

3 3-YEAR WARRANTY

IP66 | LVD | EMC | IK08 For metal body only

Y.A.127500

12 V / 150 W - 200 W EQUIVALENT



Mounting height: Between 6-10 meters
LED: High-efficiency solar optic lens, Nichia LED 6500K, 3740 Lm - 6700 Lm
Lighting area: 150-200 m²
Body: Steel with Galvanized Coating + Electrostatic Paint
Battery: 8 units of 6 Ampere battery group, LifeP04 (minimum lifespan of 5 years)
Solar panel: 75 W Monocrystalline
Operating mode: Motion sensor, high light-low light level performance mode
Charging / operation: 20-22 hours of lighting with 6-8 hours of sunlight exposure
Dimensions: 540*620*250 mm (varies according to armature angle)
Weight: 15 kg
Indicative payback: 2.5 years

3 3-YEAR WARRANTY

IP66 | LVD | EMC | IK08 For metal body only

12V Solar Lighting Systems

Professional solar lighting for outdoor applications

Y.A.127095

12 V / 150 W - 200 W EQUIVALENT



Mounting height: Between 6-10 meters
LED: High-efficiency solar optic lens, Nichia LED 6500K, 3740 Lm - 6700 Lm
Lighting area: 150-200 m²
Body: Steel with Galvanized Coating + Electrostatic Paint
Battery: 8 units of 6 Ampere battery group, LifeP04 (minimum lifespan of 5 years)
Solar panel: 75 W Monocrystalline
Operating mode: Motion sensor, high light-low light level performance mode
Charging / operation: 20-22 hours of lighting with 6-8 hours of sunlight exposure
Dimensions: 540*620*250 mm (varies according to armature angle)
Weight: 15 kg
Indicative payback: 2.5 years

3 3-YEAR WARRANTY | IP66 | LVD | EMC | IK08 For metal body only

Specification check: source catalogue: 150-200 W / 8 battery groups; website: 250-300 W / 12 groups.

Y.A.128004

12 V / 350 W - 400 W EQUIVALENT

PATENTED IP66 CE Muadil LED Gücü 350 W-400 W



Mounting height: Between 8-10 meters
LED: High-efficiency solar optic lens, Nichia LED 6500K, 4200-6750 Lm
Lighting area: 250-300 m²
Body: Metal
Battery: 16 units of 6 Ampere battery group, LifeP04 (minimum lifespan of 5 years)
Solar panel: 110 W Monocrystalline
Operating mode: Full-performance lighting with high light mode
Charging / operation: 12-14 hours of full-performance lighting with 6-8 hours of sunlight exposure
Dimensions: 790mm width*1175mm length*790mm height mm (varies depending on the panel angle)
Weight: 25 kg
Indicative payback: 2.5 years,

3 3-YEAR WARRANTY | IP66 | LVD | EMC | IK08 For metal body only

12V Solar Lighting Systems

Professional solar lighting for outdoor applications

Y.A.128018

12 V / 420 W - 450 W EQUIVALENT



Mounting height: 12 meters
LED: High-efficiency solar optic lens, Nichia LED 6500K, 4250-6750 Lm
Lighting area: 270-350 m²
Body: Metal
Battery: 24 units of 6 Ampere battery group, LifeP04 (minimum lifespan of 5 years)
Solar panel: 110 W Monocrystalline
Operating mode: High light mode for full-performance lighting
Charging / operation: 12-14 hours of full-performance lighting with 6-8 hours of sunlight exposure
Dimensions: 790mm width * 1175mm length * 790mm height mm (varies depending on the panel angle)
Weight: 26 kg
Indicative payback: 2.5 years

3 3-YEAR WARRANTY

IP66 | LVD | EMC | IK08 For metal body only

Y.A.130070

12 V / 250W-300W EQUIVALENT



Mounting height: Max 7 meters
LED: High-efficiency solar optic lens, Nichia LED 6500K, 3740 Lm - 6700 Lm
Lighting area: 150-200 m²
Body: Steel with Galvanized Coating + Electrostatic Paint
Battery: 12 units of 6 Ampere battery group, LifeP04 (minimum lifespan of 5 years)
Solar panel: 86 W Monocrystalline
Operating mode: Motion sensor, high light-low light level performance mode
Charging / operation: 20-22 hours of lighting with 6-8 hours of sunlight exposure
Dimensions: 70x70cm
Weight: 23,5
Indicative payback: 2.5 years

3 3-YEAR WARRANTY

IP66 | LVD | EMC | IK08 For metal body only

12V Solar Lighting Systems

Dual-sided All-in-One luminaire

Y.A.130100

12 V / 250-300 W EQUIVALENT



Mounting height: 5-8 m

LED: Nichia / Samsung, 6500 K; 3,740-6,700 lm; 170 lm/W

Lighting area: 160-200 m^2 at 6 m; average 15-25 lx

Body: Galvanized steel + electrostatic powder coating

Battery: Twenty 6 Ah LiFePO4 battery groups; BMS-protected

Solar panel: 110 W monocrystalline

Operating mode: Smart sensor mode; full-output operation by custom programming

Charging / operation: 6-8 hours direct sunlight; average 20 hours in sensor mode

Dimensions: 120 × 50 × 24 cm

Weight: 25 kg

Pole connection: 10 × 10 cm / Ø8.9 or Ø11.4 cm; pole not included

3 **3-YEAR**
WARRANTY

Pole not included.

IP66 | LVD | EMC | IK08
For metal body only



Solar lighting poles

Steel body with reinforced base flange

2 m



Y.A.145002

2-YEAR WARRANTY

IK10

3 m



Y.A.145003

2-YEAR WARRANTY

IK10

4 m



Y.A.145004

2-YEAR WARRANTY

IK10

5 m



Y.A.145005

2-YEAR WARRANTY

IK10

6 m



Y.A.145006

2-YEAR WARRANTY

IK10

7 m



Y.A.145007

2-YEAR WARRANTY

IK10

TS EN 40-5. Electrogalvanized steel + electrostatic powder coating. Ground anchors included. Mounting arms are selected separately.

Mounting accessories

Choose the connection to suit the luminaire and mounting surface

Y.A.145052



Pillar mounting bracket

Rectangular steel profile: 60 × 40 mm
Tube length: 50 cm; overall height: 57 cm
Electrostatic powder coating

2 **2-YEAR** WARRANTY

IK10

Y.A.145054



Wall mounting bracket

Rectangular steel profile: 40 × 60 mm
Length: 25 cm; height: 25 cm
Steel body; electrostatic powder coating

2 **2-YEAR** WARRANTY

IK10

Y.A.145055



Adjustable mounting arm

Ø42 mm tube connection
Width: 20 cm; height: 15 cm
Angle adjustment up to 45°
Steel body; electrostatic powder coating

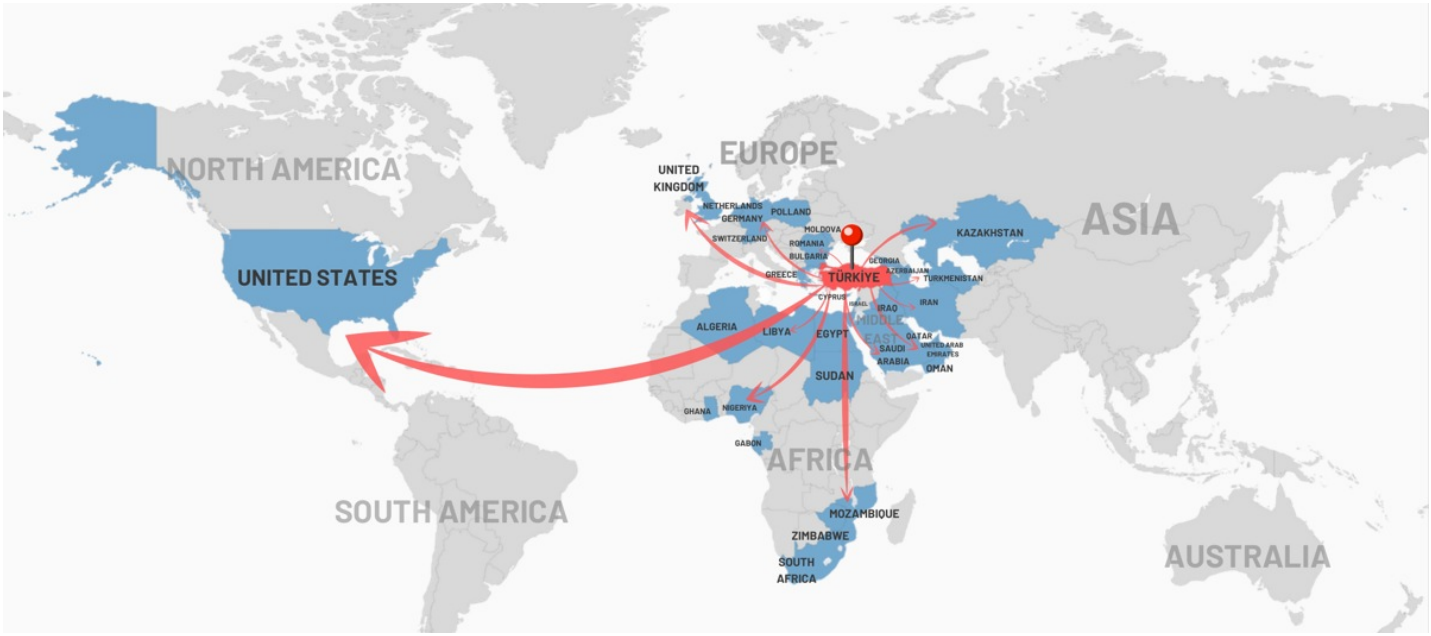
2 **2-YEAR** WARRANTY

IK10

Since 1964
YAKAN LIGHTING
Outdoor Decorative Lighting Products Manufacturing and Trade
Best Globe®

EXPORT DESTINATIONS

Yakan Lighting · Istanbul, Türkiye



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Installation notice: Due to product weight and wind load, the customer must ensure that the mounting surface or pole has adequate structural load-bearing capacity. Yakan Lighting accepts no liability for detachment, toppling or damage caused by an inadequate mounting structure. Installation must be carried out by a qualified electrician.