



# MOBILE AIRFIELD LIGHTING TRAILER

FOR CIVIL AIRPORTS



# MOBILE AIRFIELD LIGHTING TRAILER



**WORLD'S SAFEST  
RUNWAY LIGHTING**



**5-LEVEL PROTECTION  
AGAINST SYSTEM FAILURE**



**CERTIFIED**

# APPLICATIONS



**TEMPORARY  
RUNWAY  
LIGHTING**



**BACKUP  
AIRPORT  
LIGHTING**



**EMERGENCY  
LANDING  
AIRSTRIPS**

# MOBILE AIRFIELD LIGHTING TRAILER FOR CIVIL AIRPORTS

S4GA MOBILE AIRFIELD LIGHTING TRAILER IS HEAVY DUTY TRAILER WITH STAINLESS STEEL FRAME AND PVC COVER RESISTANT TO MOST RIGOROUS WEATHER CONDITIONS.

## TRAILER FEATURES

- ✓ Up to 80x portable LED lights
- ✓ Drop-in charging system
- ✓ 110-230VAC electrical connection

## TRAILER DESCRIPTION

- ✓ Soft-shell body made of flexible pvc material
- ✓ Corrosion-resistant stainless steel frame
- ✓ PVC walls secured by a steel cable and a lock
- ✓ Locking system of individual light inside the trailer
- ✓ Double axle trailer
- ✓ Parking brake
- ✓ Mechanical stabilization jacks
- ✓ V-drawbar
- ✓ Standard road hitch
- ✓ Road lighting
- ✓ Jockey wheel for stabilization
- ✓ Compliant with road transport regulations



UP TO 80 PORTABLE LED LIGHTS



110-230VAC ELECTRICAL CONNECTION



COMPLIANT WITH ROAD TRANSPORT REGULATIONS

REMOTE ACTIVATION AND CONTROL



DROP-IN CHARGING



LOCKING SYSTEM OF INDIVIDUAL LIGHT INSIDE THE TRAILER



## TRAILER VIEW



## TRAILER PRODUCTS



SP-401 PORTABLE RUNWAY EDGE LIGHT



SP-401 PORTABLE RUNWAY THRESHOLD END LIGHT



SP-401 PORTABLE TAXIWAY LIGHT



UR-101 HANDHELD CONTROLLER

# SP-401 PORTABLE AIRFIELD LIGHT

Portable airfield light designed to quickly illuminate remote airfield, temporary runway, or emergency landing strip in accordance with international aviation regulations.



## COMPLIANCE



### 180 HOURS OF AUTONOMY

The light is equipped with two large batteries providing up to 180 hours of autonomy without recharging. If any of batteries fails, the second battery will continue to power the light.



### REMOTE CONTROL

The lights are controlled remotely via UR-101 Handheld Controller. It allows to control up to 5 groups of lights, and adjust intensity level in 3 steps (10, 30, 100 %).



### WEATHER RESISTANT

- ✓ IP-67 certified
- ✓ 20+ years lifespan
- ✓ Designed for extreme operating conditions



### CONVERTIBLE TO SOLAR

SP-401 portable airfield light can be easily converted to a solar-powered airfield light for permanent applications.



### TRAILER



Capacity	Up to 80x portable LED lights 1x Handheld Controller
Charging Of Lights	Drop-in type
Power Source	110-230VAC
Material	Walls: flexible PVC Frame: stainless steel
Color	Aviation yellow, other colours are available
Suitable For Road Transport	Yes, compliant with EU road regulations
Dimensions (L x W x H)	3900 x 1600 x 1750 mm

### UR-101 HANDHELD CONTROLLER



Operating Range	Up to 1.500 m
Frequency	Automatically modulated and encrypted Radio frequency: 868 MHz Operation frequency: provided by S4GA
Autonomy	48 Hrs
Battery	Lithium-ion battery, 7V / 4Ah
Lighting System Control	Lights intensity setup: 10, 30, 100% Operating modes setup: steady, flashing Special modes setup: NVG, dusk till down Grouping of lights: up to 5 groups
Protective Casing	Yes
Compliance	2014/35/UE 2014/30/UE 2011/65/UE 1999/5/EC

### PHOTOS



	Runway Edge Light	Runway Threshold End Light	Taxiway Light
Optics	LED type LED lifespan 100.000 Hrs Combined type of bidirectional and omnidirectional	LED type LED lifespan 100.000 Hrs Bidirectional	LED type LED lifespan 100.000 Hrs Omnidirectional
Light Output	1.200 cd	320 (red) / 450 (green) cd	11 cd
Optics Color	White / White White / Yellow Yellow / Red White / Red	Red / Green	Blue
Autonomy	180 Hours	280 Hours	600 Hours
Battery	2 X built-in batteries, VRLA deep-cycle type, 9Ah/12V each battery user-replaceable		
Power Supply	Drop-in charging in a trailer, charging time – 8 hours		
Casing / Dome	UV-stabilized Lexan polycarbonate, Glass dome, Color: aviation yellow		
Dimensions	300 x 245 x 185 mm		
Weight	7 Kg		



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