

WELTPLAST

Catalog 2022-2023



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OBП-2 SERIES LIGHTS (220 V)



- OBП-2-01/220-B (FATO)
- OBП-2-02/220-B (APPROACH)
- OBП-2-00/220-3 (TLOF)
- OBП-2-03/220-C (TAXI)
- OBП-2-04/220-K (OBSTACLE)

Designed for heliports and landing pads for helicopters.

| | | |
|--|-----------------|---------------------------------------|
| Weight, kg | | for OBП-2-02/220-B |
| 0,8 | 1,3 | |
| Size with wires, mm | | |
| 110 / 105 / 230 | 110 / 105 / 430 | |
| Power consumption, W | | for OBП-2-01/220-B; OBП-2-02/220-B |
| 2 - 6 | 3*6 | |
| Supply voltage, V | | |
| 220 V, 50 Hz AC | | |
| Life expectancy, hr | | |
| 30000 | | |
| Protection level | | |
| IP67 | | |
| Operating conditions | | |
| t -60° +50°C, relative humidity max 98% on +25 °C | | |

BEACON OBП-2 SERIES (220 V)



Designed for long-range visual heliport detection and airfield identification in the zone of strong illumination from ambient lighting.

Emitting 4 repeated short duration white flashes (the letter «H» by means of international Morse code). Attaches to any cantilevers, with diameter of the tube 40 mm, on vertical and horizontal surfaces, on masts.

OBП-2-01/220-B

| | |
|-----------------------------|--|
| Weight, kg | 3,2 |
| Size with wires, mm | 110 / 105 / 620 |
| Power consumption, W | 25 |
| Supply voltage, V | 220 B, 50 Hz AC |
| Life expectancy, hr | 50000 |
| Protection level | IP67 |
| Operating conditions | t -60° +50°C, relative humidity max 98% on +25 °C |

FLOODLIGHTS OBП-2, ALL SERIES

Designed for lighting heliport TLOF area.

| | |
|--|---------------------|
| for OBП-2-10/220-B (Б) | for ALLC-7*W6-Flood |
| Weight, kg | |
| 3,6 | 3,1 |
| Size with wires (without pyramide), mm | |
| 530 / 275 / 120 | 530 / 275 / 120 |
| Power consumption, W | |
| 40 | 40 |
| Supply voltage, V | |
| 220 V, 50 Hz AC | 48 V DC |
| Life expectancy, hr | |
| 30000 | |
| Protection level | |
| IP67 | |
| Operating conditions | |
| t -60° +50°C, relative humidity max 98% on +25 °C | |



OBП-2-10/220-B (Б);
ALLC-7*W6-Flood

ALL SERIES LIGHTS



-  ALLC-W6/12x360 (FATO & RUNWAY EDGE)
-  ALLG-G4/12x360 (TLOF)
-  ALLB-B2/12x360 (TAXI)
-  ALLR-R4/12x360; ALLR-R4/12x360-1 1 connector male (OBSTACLE)
-  ALLOC-W3/12x360 (LANDING SIGN)
-  ALLOG-W6/12x360 (THRESHOLD)
-  ALLOR-W6/12x360 (RUWAY END)
-  ALLOY-Y3/12x360; ALLOY-Y3/12x360-RP (RWY PROTECT) ALLOY-W6/12x360 (RUWAY EDGE)
-  ALLCY-W6/12x360 (1/3 RUNWAY EDGE)
-  ALLRG-W6/12x360 (THRESHOLD/END)
-  ALLC-3*W6/12x360 (APPROACH)
-  ALLOC-3*W6/12x360 (APPROACH HALF)



The low intensity lights are designed for use as part of lighting equipment on landing sites as approach and horizon lights, edge and side runway lights, taxiway lights and other.

| Weight, kg | |
|------------|---|
| 0,8 | for ALLC-3*W6/12x360; ALLOC-3*W6/12x360 |

| Size with wires, mm | |
|---------------------|---|
| 110 / 105 / 280 | for ALLC-3*W6/12x360; ALLOC-3*W6/12x360 |

| Power consumption, W | | |
|----------------------|--------------------|---|
| 6 | for ALLB-B2/12x360 | for ALLC-3*W6/12x360; ALLOC-3*W6/12x360 |
| | 2 | 3*6 |

| Supply voltage, V |
|-------------------|
| 48 V DC |

| Life expectancy, hr |
|---------------------|
| 30000 |

| Protection level |
|------------------|
| IP67 |

| Operating conditions |
|---|
| t -60° +50°C, relative humidity max 98% on +25 °C |

AIRPORT BEACON ALL SERIES



Designed for long-range visual airfield detection and airfield identification in the zone of strong illumination from ambient lighting.

The airfield beacon emits short, evenly spaced flashes of green color. 30 pulses per minute.

-  ALLG-50*W7/12x360-BA

| Weight, kg |
|------------|
| 2,5 |

| Size with wires, mm |
|---------------------|
| 110 / 105 / 620 |

| Power consumption, W |
|----------------------|
| 25 |

| Supply voltage, V |
|-------------------|
| 48 V DC |

| Life expectancy, hr |
|---------------------|
| 50000 |

| Protection level |
|------------------|
| IP67 |

| Operating conditions |
|---|
| t -60° +50°C, relative humidity max 98% on +25 °C |

OMNIDIRECTIONAL INSET LIGHTS UALLC

Designed for elevated heliports and helipads, taxiway zones and other places with moving aircraft.

| Weight, kg |
|------------|
| 2 |

| Diameter/height above surface, mm |
|-----------------------------------|
| 156 / 18 |

| Power consumption, W |
|----------------------|
| 2 - 6 |

| Supply voltage |
|----------------|
| 48 V DC |

| Life expectancy, hr |
|---------------------|
| 30000 |

| Protection level |
|------------------|
| IP67 |

| Operating conditions |
|---|
| t -60° +50°C, relative humidity max 98% on +25 °C |



-  UALLC-W6/12x360 (FATO)
-  UALLC-G4/12x360 (TLOF)
-  UALLB-B2/12x360 (TAXI)
-  UALLC-R4/12x360 (OBSTACLE)

TLOF FLOODLIGHT OBN-K SERIES

Designed for lighting helideck TLOF area.

Weight, kg

3,45

Length/width/height with base, mm

386 / 334 / 248

Power consumption, W

40 ± 5%

Supply voltage, V

48 V DC

Life expectancy, hr

30000

Protection level

IP67

Operating conditions

t -60° +50°C, relative humidity
max до 98% on +25 °C



○ OBN-K-10/48-B

LOW PROFILE OBN-K SERIES

Designed for helideck lighting. Can be installed on flat wood, steel or concrete surface.



○ OBN-K-01/48-B(0)
(FATO)

● OBN-K-00/48-3(0)
(TLOF)

● OBN-K-03/48-C(0)
(TAXI)

● OBN-K-04/48-K(0)
(OBSTACLE)



○ OBN-K-01/48-B(90)
(FATO)

● OBN-K-00/48-3(90)
(TLOF)

● OBN-K-03/48-C(90)
(TAXI)

● OBN-K-04/48-K(90)
(OBSTACLE)



○ OBN-K-01/48-B(135)
(FATO)

● OBN-K-00/48-3(135)
(TLOF)

● OBN-K-03/48-C(135)
(TAXI)

● OBN-K-04/48-K(135)
(OBSTACLE)



○ OBN-K-01/48-B(180)
(FATO)

● OBN-K-00/48-3(180)
(TLOF)

● OBN-K-03/48-C(180)
(TAXI)

● OBN-K-04/48-K(180)
(OBSTACLE)

Weight, kg

1,1

Diameter/height, mm

140 / 48

Power consumption, W

2 - 6

Supply voltage

48 V DC

Life expectancy, hr

30000

Protection level

IP67

Operating conditions

t -60° +50°C, relative humidity
max 98% on +25 °C

MARINE HELI BEACON OBN-K SERIES



Designed for long-range visual helipad detection and airfield identification in the zone of strong illumination from ambient lighting.

Emitting 4 repeated short duration white flashes (the letter «H» by means of international Morse code). Attaches to any cantilevers, with diameter of the tube 40 mm, on vertical and horizontal surfaces, on masts.

○ OBN-K-12/48-B

Weight, kg

3,2

Size with wires, mm

110 / 105 / 620

Power consumption, W

25

Supply voltage, V

48 V DC

Life expectancy, hr

50000

Protection level

IP67

Operating conditions

t -60° +50°C, relative humidity
max 98% on +25 °C

MARINE SEARCH SPOTLIGHT OBN-K SERIES

Designed to illuminate the surrounding water space. It is also used for night illumination of buildings and structures, perimeter of protected areas, secure facilities. Angle of the spotlight beam dispersion is 3 degrees.

Weight, kg

5,1

Length/width/height, mm

400 / 387 / 218

Power consumption, W

60

Supply voltage

48 V DC

Life expectancy, hr

30000

Protection level

IP67

Operating conditions

t -60° +50°C, relative humidity
max 98% on +25 °C



○ OBN-K-11/48-B

MOBILE WINDSOCK WIND(M)

WIND 500 (M-868)
WIND 600 (M-868)



Designed for rapid deployment in the field in light and dark time of day. The construction of the mast is made of aluminum for easy transportation, quickly demountable, three-sectional, with the case for carrying. It is installed both on concrete as well as on the ground surface.

The windsock is equipped with a cone illumination system CO2 - rechargeable LED light. Control lighting by means of remote control.

Weight, kg

15,5

for
WIND 500 (M)

for
WIND 600(M)

Inlet diameter, mm

500

600

Cone length, mm

1000, 1500,
2000, 2500

2400

Height, m

4,85

4,9

Mast height, m

4,6

Cone color

Red-white, black-white,
orange-white

Operating conditions

t -30° +50 °C, wind speed up to 25 m/c,
relative humidity max 98% on +25 °C

SET:

| | |
|----------------------------|--------|
| Aluminum mast, collapsible | 1 set |
| Windsock basket | 1 set |
| Base (ground/concrete) | 2 pcs. |
| Cables and fasteners | 1 set |
| Cone lightening CO2 | 1 set |
| Carry cases | 2 pcs. |

WINDSOCK WITHOUT MAST KB

It is used for visual determination of wind direction and is designed for outdoors using during daylight hours.

The design of the windsock is steel, demountable, protected by polymer coating. The package of windsock KV includes a plastic rotary knot.



KB 312

KB 520

KB 515

KB 624

| for KB 312 | for KB 510 | for KB 515 | for KB 624 |
|----------------------------|---------------|---------------|---------------|
| Shipping weight, kg | | | |
| 3,3 | 3,6 | 3,65 | 3,7 |

Inlet diameter, mm

300

500

500

600

Cone length, mm

1200

1000

1500

2400

Cone color

Red-white, black-white

Operating conditions

t -60° +50 °C, wind speed up to 25 m/s,
relative humidity max 98% on +25 °C

MASTS FOR WINDSOCKS KB

MB-CONCRETE

Aluminum prefabricated mast for windsock without lighting with installation on concrete.



MAST SET:

| | |
|------------------------------|--------|
| Mast section | 3 pcs. |
| Dowel for fixing to concrete | 5 pcs. |
| Stretch cable system | 1 pc. |
| Base | 1 pc. |

MB-GROUND

Aluminum prefabricated mast for windsock without lighting with installation on ground.



MAST SET:

| | |
|----------------------|--------|
| Mast section | 3 pcs. |
| Ground fixing | 3 pcs. |
| Stretch cable system | 1 pc. |
| Base | 1 pc. |

WINDSOCK YHB WITHOUT LIGHTING WITH EMBEDDED AND CRUCIFORM ELEMENTS

The wind direction indicator is used for visual recognition of wind direction during daylight period at heliports, landing pads and airfields.



Mounting - Type Б:

- YHB-312.3
- YHB-510.3
- YHB-515.3
- YHB-624.3

Mounting - Type П:

- YHB-312.K
- YHB-510.K
- YHB-515.K
- YHB-624.K

| for YHB-312.3 | for YHB-510.3 | for YHB-515.3 | for YHB-624.3 |
|-----------------------------|---------------|---------------|---------------|
| Weight, kg | | | |
| 22,7 | 23 | 23,5 | 24 |
| for YHB-312.K | for YHB-510.K | for YHB-515.K | for YHB-624.K |
| Weight, kg | | | |
| 23,8 | 24,1 | 24,6 | 25,1 |
| Inlet diameter, mm | | | |
| 300 | 500 | 500 | 600 |
| Cone length, mm | | | |
| 1200 | 1000 | 1500 | 2400 |
| Height, m | | | |
| 4,8 | 5 | 5 | 5 |
| Mast height, m | | | |
| 4,65 | 4,75 | 4,75 | 4,7 |
| Cone color | | | |
| Red-white | | | |
| Operating conditions | | | |

t -60° +50 °C, wind speed up to 25 m/c, relative humidity max 98% on +25 °C



Type Б: installation on a ground surface on a embedded, a concrete element of the foundation (pict.1)

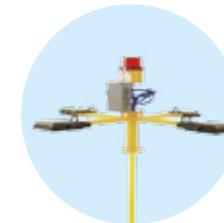
Type П: installation on a solid surface on a supporting cruciform base (pict.2)

WINDSOCK YHB WITH LIGHTING WITH EMBEDDED AND CRUCIFORM ELEMENTS

The wind direction indicator is used for visual recognition of wind direction during daylight and nighttime periods at heliports, landing pads and airfields.

Equipped with CO41A lighting system, which provides equal illumination of the wind indicator platform and the cone in the dark time of day.

Cone lighting system CO41A



Mounting - Type Б:

- YHB-510.3.CO41A
- YHB-515.3.CO41A
- YHB-624.3.CO41A
- YHB-936.3.CO41A

Mounting - Type П:

- YHB-510.K.CO41A
- YHB-515.K.CO41A
- YHB-624.K.CO41A
- YHB-936.K.CO41A

| for YHB-510.3.CO41A | for YHB-515.3.CO41A | for YHB-624.3.CO41A | for YHB-936.3.CO41A |
|-----------------------------|---------------------|---------------------|---------------------|
| Weight, kg | | | |
| 29,8 | 29,85 | 29,9 | 43 |
| for YHB-510.K.CO41A | for YHB-515.K.CO41A | for YHB-624.K.CO41A | for YHB-936.K.CO41A |
| Weight, kg | | | |
| 30,85 | 30,9 | 30,95 | 44,1 |
| Inlet diameter, mm | | | |
| 500 | 500 | 600 | 900 |
| Cone length, mm | | | |
| 1000 | 1500 | 2400 | 3600 |
| Height, m | | | |
| 5 | 5 | 5 | 6 |
| Cone color | | | |
| Red-white | | | |
| Operating conditions | | | |

t -60° +50 °C, wind speed up to 25 m/c, relative humidity max 98% on +25 °C



pict.1



pict.2

WINDSOCK WIND WITH LIGHTING



WIND 600
WIND 900

Designed for round-the-clock determination of wind direction at landing sites for aircrafts (WIND 900) or helicopters (WIND 600). Indispensable in places where energy savings and very high reliability are required.

Can be used on concrete or ground surfaces.

| for WIND 600 | for WIND 900 |
|--|--------------|
| Weight, kg | |
| 65 | 81 |
| Inlet diameter, mm | |
| 600 | 900 |
| Cone length, mm | |
| 2400 | 3600 |
| Height (with a basket), m | |
| 6,35 | 7,1 |
| Mast height (without a basket), m | |
| 4,8 | |
| Cone color | |
| Orange-white | |
| Operating conditions | |

t -60° +50 °C, wind speed up to 50 m/c,
relative humidity max 98% on +25 °C

Anchors for mounting on the ground are supplied with the windsock. These anchors are designed to mount the windsock on firm ground only. In soft soils, it is recommended to mount the windsock to concrete foundations or piles.



MARINE WINDSOCK WITH LIGHTING WIND.300-K

Designed to indicate wind direction on helipads elevated above the surface and helidecks on ships also drilling platforms.

Features: stable light intensity and uniformity of lighting throughout the whole range of supply voltages, vandal-resistance, wide range of operating temperatures and supply voltages, a high level of moisture protection of lighting equipment, durability.

| |
|-----------------------------|
| Weight, kg |
| less than 10 |
| Inlet diameter, mm |
| 300 |
| Cone length, mm |
| 1500 |
| Height, m |
| 2 |
| Mast height, m |
| 1,4 |
| Cone color |
| Red-white |
| Operating conditions |

t -60° +50 °C, relative humidity max 98% on +25 °C



WIND.300-K



REMOTE AUTOMATED CONTROL SYSTEM UDAV FOR AIRPORT/HELIPORT

Weight, kg

0,2

Supply voltage, V

24-48 DC

Power consumption, W

50

Protection level

IP22

Controller size, mm

200 x 95 x 50

ARM board

NanoPi

Operation system

Linux (OpenWRT)

Meteostation port

RS-485

Videocamera port

Ethernet

Out supply voltage for videocameta and radio

12 V

Port for lighting system and data transmission LoRa radiomodule

CAN BUS 2.0

Operating conditions

Indoors t +5° +50° C

Automated remote control system is designed for monitoring and managing helicopter pads (heliports) or airfields as a part of the following equipment:

- lighting equipment
- meteorological equipment
- video equipment



| | |
|--|-----|
| WiFi module for internet/intranet connection | yes |
| Built-in real time clock | yes |
| Built-in atmospheric pressure sensor | yes |
| Carrier frequency receiving port from aviation range receiver for control of operation modes of lighting equipment from the aircraft (L-854 standart). | yes |
| Light sensor port (day/twilight/night) | yes |

SYSTEM DESCRIPTION

- Easy control via a graphical web interface from a portable or stationary device using the mouse or touch screen
- Display several groups of data on the same screen (e.g. lighting equipment, meteorological information, camera)
- Several simultaneously working control panels with full replication of functions
- Multiple levels of access to settings and management (engineer, operator, observer)
- Communication between control panels and the control system by choice of Wi-Fi or Ethernet. In Internet or Intranet option with remote access to the control system
- Telecontrol and status monitoring of lighting equipment - 8 Independent channels with adjustment brightness control and 3 channels to turn on / off lighting equipment
- CAN-BUS data transmission between control system and power controller of lighting equipment. It is available to use digital channels of information exchange via LoRa data transmission radio module on a frequency of 868 MHz
- Remote support and software updates from the manufacturer

SYSTEM FEATURES

- Management and monitoring of a single runway for helicopter or airplane (FATO and TLOF or edge lights and threshold lights)
- Management and monitoring of approach lights 2 directions for airfield runway and 1 direction for heliport
- Management and monitoring of glide path lights 2 directions for airfield runway and 1 direction for heliport
- Management and monitoring of taxiway lights
- Beacon management and monitoring
- Management and monitoring of windsock
- Obstruction lights management and monitoring
- Managing and monitoring of TLOF area lighting spotlights or obstacle lights
- Meteorological station connection and display of current weather with saving the weather archive
- Built-in digital atmospheric pressure sensor
- Automatic modes of setting for luminous intensity of lighting equipment depending on external illumination or by L-854 commands from onboard aircraft
- Acoustic alarm system of emergency conditions
- Operation and emergency states archiving system

SYSTEM WORKSPACE

The operator's work screen opens when you enter your username and password. The Operator's work screen is supported by several user categories: Engineer, Operator, Observer.

The settings of the lighting equipment operation modes, meteorological information, video information from the object, emergency states of the system are displayed on the working screen.

The system maintains automatic logging of the received meteorological information which can be uploaded to externally available resources. The system is also recording all of the commands and statuses of lighting control equipment. Records of power on and off time. Recording of power output failures and emergency operation modes.

Several different types of meteorological equipment are supported (can be supplemented as required).

General view of the operator's working screen of the helicopter landing pad



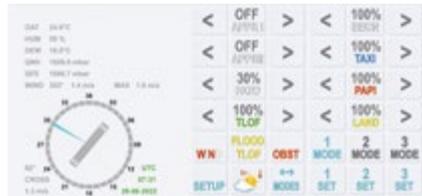
General view of the operator's work screen of the landing pad for the aircraft



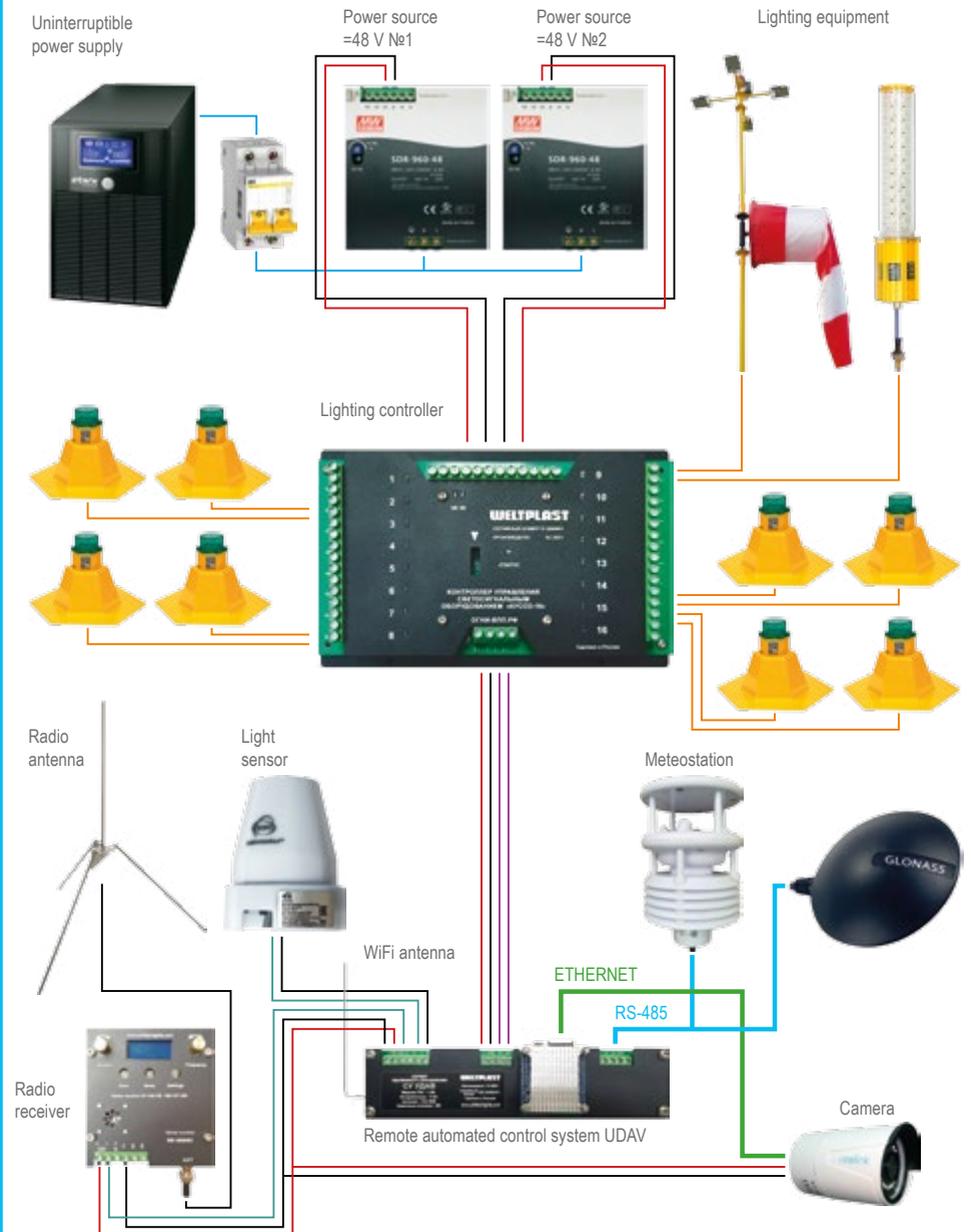
General view of the video subsystem working screen



General view of the meteo subsystem working screen



UDAV SYSTEM CONNECTION DIAGRAM



MOBILE BEACON FOR HELIPORT TO4KA

Designed for long-range visual heliport detection and airfield identification in the zone of strong illumination from ambient lighting and bad weather conditions.

Can be used on any surfaces - concrete, ground, sand, snow, ice.

Weight, kg

3,5 + 0,3 (support weight)

Sizes, mm

110 / 105 / 260

Power consumption, W

6

Supply voltage, V

24 V

Life expectancy, hr

50000

Protection level

IP67

Operating conditions

t -30° +50°C, relative humidity max 98% on +25 °C



○ ALLC-15*W6/12x360-M4

MOBILE LIGHTS TO4KA

Can be used on any surfaces - concrete, ground, sand, snow, ice.

TO4KA-Compact
ALLG-W6/12x360-M3

TO4KA-Compact(R)
ALLG-W6/12x360-M4

TO4KA-Light
ALLG-W6/12x360-M5

TO4KA
ALLG-W6/12x360-M2



| | for Compact; Compact(R) | for Light |
|-------------------|----------------------------|-----------|
| Weight, kg | 1,85 | 0,8 |

для Компакт; Компакт(P); Лайт

Height/assembly diameter, mm

250 / 350 | 210 / 350

Power consumption, W

2 - 6

Supply voltage, V

24 V

Life expectancy, hr

30000 (battery life is not taken)

Protection level

IP67

Operating conditions

t -30° +50°C, relative humidity max 98% on +25 °C

LIGHTING KITS RAPID DEPLOYMENT TO4KA SERIES

TO4KA-5 Compact



TO4KA-4 Compact

TO4KA-4 Compact(R)

TO4KA-4 Light



TO4KA-12



| SET: | TO4KA-12 | TO4KA-4 Compact | TO4KA-4 Compact(R) | TO4KA-4 Light | TO4KA-5 Compact |
|-------------------------|----------|-----------------|--------------------|---------------|-----------------|
| Light ALLG-W4/12x360-M2 | 12 pcs. | 4 pcs. | 4 pcs. | 5 pcs. | |
| Light ALLG-W6/12x360-M3 | | | | | |
| Light ALLG-W6/12x360-M4 | | | | | |
| Light ALLG-W6/12x360-M5 | | | | | |
| Triangular fastener | 24 pcs. | 8 pcs. | 8 pcs. | 4 pcs. | 10 pcs. |
| Charging base | 12 pcs. | 4 pcs. | 4 pcs. | 4 pcs. | 5 pcs. |
| Power Supply | 1 pc. | 1 pc. | 1 pc. | 1 pc. | 1 pc. |
| Ground stake | 24 pcs. | 8 pcs. | 8 pcs. | 8 pcs. | 10 pcs. |

MOBILE LIGHTS «POLYANA» SERIES

These lights are characterized by low power consumption, high reliability, safe power supply, long life cycle of the light source, stability.

They can be installed on any surface: asphalt, soil, sand, snow, ice.

Controlled by radio.

Weight, kg

5

Size, mm

320 / 430 / 218

Power consumption, W

2 - 6

Supply voltage, V

24 V

Life expectancy, hr

30000

Protection level

IP67

Operating conditions

t -30° +50 °С, relative humidity max 98% on +25 °С



LIGHTING KITS RAPID DEPLOYMENT «POLYANA» SERIES

- High reliability of products with independent power and each element control
- The lights have different types of mountings, but allow for installation without fixtures
- Long life cycle of light sources

POLYANA-12



- **Deployment time:** 10-15 min

SET:

| | |
|--|---------|
| Lights for touchdown and liftoff area (TLOF) | 12 pcs. |
|--|---------|

| | |
|--|-------|
| Rack for storing, transporting and charging lights | 1 pc. |
|--|-------|

| | |
|------------------------|-------|
| Lights Charging System | 1 pc. |
|------------------------|-------|

POLYANA-24

SET:

| | |
|---------------------------|-------|
| Van trailer: model 3791M2 | 1 pc. |
|---------------------------|-------|

| | |
|--|--------|
| Rack for storing, transporting and charging lights | 2 pcs. |
|--|--------|

| | |
|------------------------|-------|
| Lights Charging System | 1 pc. |
|------------------------|-------|

| | |
|--|---------|
| Lights for touchdown and liftoff area (TLOF) | 24 pcs. |
|--|---------|

| | |
|----------|-------|
| Windsock | 1 pc. |
|----------|-------|

| | |
|----------------|-------|
| Generator 1 kW | 1 pc. |
|----------------|-------|

| | |
|---------------|-------|
| Canister 10 l | 1 pc. |
|---------------|-------|

| | |
|-------------------------|--------|
| Accumulators 12V*55 A/H | 2 pcs. |
|-------------------------|--------|

| | |
|-------------------|---------|
| Tires for marking | 3 pcs.* |
| | 4 sets |

| | |
|--------------------|--------|
| Prisms for marking | 4 pcs. |
|--------------------|--------|

| | |
|-------|-------|
| Tools | 1 set |
|-------|-------|

| | |
|--------|-------|
| Stairs | 1 pc. |
|--------|-------|

| | |
|--------|-------|
| Banner | 1 pc. |
|--------|-------|



- **Deployment time:** 20-30 min (2 person)

POLYANA-36

SET:

| | |
|---------------------------|-------|
| Van trailer: model 3791M2 | 1 pc. |
|---------------------------|-------|

| | |
|--|--------|
| Rack for storing, transporting and charging lights | 2 pcs. |
|--|--------|

| | |
|------------------------|-------|
| Lights Charging System | 1 pc. |
|------------------------|-------|

| | |
|-----------------------------------|---------|
| Threshold / end light (green/red) | 12 pcs. |
|-----------------------------------|---------|

| | |
|---------------------------|---------|
| Edge light (yellow/white) | 16 pcs. |
|---------------------------|---------|

| | |
|--------------------------|--------|
| Edge light (white/white) | 8 pcs. |
|--------------------------|--------|



- **Deployment time:** less than 25 min (2 person)

POLYANA-72 RUNWAY, POLYANA-72+HELI

The mobile complex of lighting equipment is a trailer with all the necessary equipment, designed for mounting lightning equipment on a ground or concrete runway for use of the site at dusk and night period.

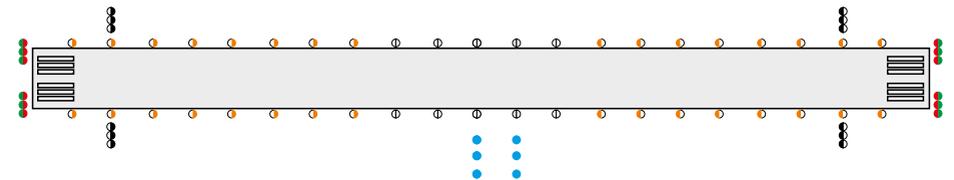
System was designed with all the necessary lighting equipment for mobile support flight operations from landing sites with any type of runway, day and night all year round mode.



- **Deployment time:**
less than 30 min (2 person)



| SET: | RUNWAY | +HELI |
|---|---------|---------|
| Two-axle van trailer: model 3793M2 | 1 pc. | 1 pc. |
| Rack for storing, transporting and charging for 15 lights | 4 pcs. | 4 pcs. |
| Rack for storing, transporting and charging for 12 lights | 1 pc. | 1 pc. |
| Lights Charging System | 1 pc. | 1 pc. |
| Tools | 1 set | 1 set |
| Threshold / end light (green/red) | 12 pcs. | |
| Landing sign light (white/no light) | 12 pcs. | |
| Edge light (yellow/white) | 32 pcs. | |
| Edge light (white/white) | 10 pcs. | |
| Taxi light (blue) | 6 pcs. | |
| Lights for touchdown and liftoff area (TLOF) | | 72 pcs. |



- Threshold/end light 1x6W (12 pcs.)
- Runway edge light 1x6W (10 pcs.)
- Runway edge light 1x6W (32 pcs.)
- Landing sign light 1x3W (12 pcs.)
- Taxi light 1W (6 pcs.)

MARKERS & SIGNS

Runway edge marking flag



Landing area sign for helipads



Alert sign «STOP! DANGER AREA»



Parking area sign



Landing sign «Т» for airfields



Safety area edge sign



Taxiway sign



Runway center sign for unpaved runway



Landing prohibited textile sign



EDGE sign MAK 800



Threshold sign MB3-490



Threshold sign «ПРИЗМА»



Landing area sign



Danger area sign



INSTALLATION & MOUNTING

PYRAMIDE 250 for elevated lights



PYRAMIDE 250 for TLOF floodlights



PYRAMIDE 250 for mobile base (elevated lights)



Mobile base for PYRAMIDE 250



PYRAMIDE 450 for elevated lights



Anchor Stake for PYRAMIDE 250 (elevated lights)



Concrete Stake for elevated lights



Anchor Stake (elevated lights)



BASES

Stainless steel airfield inset light base



Steel base for PYRAMIDE 250 (concrete mounting)



Plastic base for PYRAMIDE 250 (ground mounting)



BRACKETS

Beacon bracket for mast flange



Bracket for stake 40mm



Bracket for PYRAMIDE 450



Bracket for roof



Bracket for wall corner



CONNECTORS

Heavy Duty Sealed Connector Series (HDSCS) AMP MCP 2.8 for lights ALL series

SOCKET



LLT connectors for lights OBП-2 series, 220V AC cable 3x1.5 mm2



Heavy Duty Sealed Connector Series (HDSCS) AMP MCP 2.8 for lights ALL series

PLUG



L-823F connectors for lights OBП-C series, cable 2(4)x2 mm2



ABOUT US

JSC **WELTPLAST** is a large manufacturing company located in Moscow, equipped with the most modern equipment and a large well-coordinated team. This allows us to develop new products in a short time and reliably accompany them from the process of experimental and mass production, to warranty and post-warranty service.

In 2019, the production of products for ships began.

In 2022, the production of meteorological equipment and landing pad remote control systems was mastered, which allows us to offer our partners a comprehensive solution for providing round-the-clock all-season flights with a high degree of automation and maintaining flight safety standards.

We are constantly working on new projects for aviation. Quite a lot has been done to say with confidence: "We are the best on market!", but the plans of our company have been developed for more than one year in advance. We came to this market to surprise and bring joy, solving your problems and make your projects success. We take an active part in the installation and maintenance of our equipment, gaining the invaluable experience and feedback that allowed us to become #1. By the end of 2022, there will be more than 500 operating sites of our production in Russia and another countries. We lighted the whole country, as promised 7 years ago.

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