www.granluz.co.kr



Handheld Light
Tactial Light
Fire & Safety Lantern
Safety Guide Light Line

SAC Solutions

GRANLUZ is a manufacturer and producing the high performance of special purpose products such as searchlights, firefighting lanterns, tactical lights, safety guide light line for firefighting and underwater, and SAC solutions which have video recording and wireless transmission.

Granluz is doing its best to become a global leading company in special-purpose light products through continuous technology development in light sources, optics, mechanism design, and technology convergence, which are the main components of special-purpose lights.

Using these design techniques, we are devoted to product development for various applications in demand for military. police, fire fighting Security , Marin and Scuba and other special fields.

GRANLUZ

G30

LED personal carry searchlight

HANDHELD SOLUTION

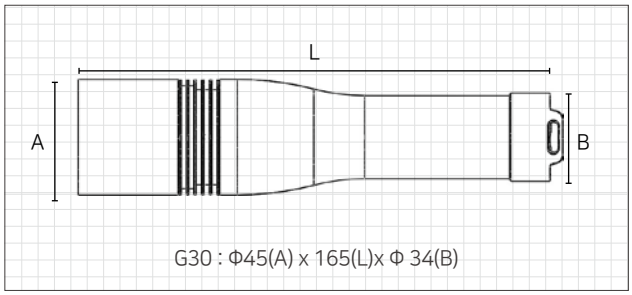


Feature

- Patented optic system
- The brightest personal carry Searchlight
- Image Formation Optical Zoom System
- High Light Uniformity : Within 20% Deviation of Light Distribution
- High visibility for ensuring recognition of long-distance targets
- 7°~21°beam distribution
- Beam distance to 600meter
- Rechargeable Li-Ion Battery
- USB C type Charger
- Constant 5W output until the battery is fully discharged
- Application : Police, Diver, Search and Rescue, Disaster and Safety, Border patrol, Forest Rangers.



Dimension

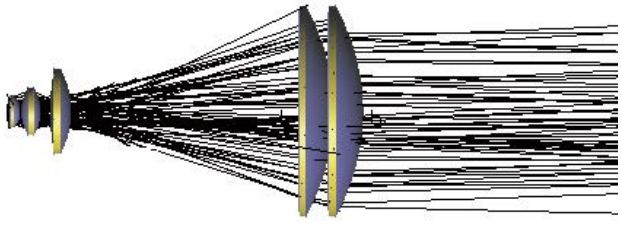


G30 : Φ45(A) x 165(L)x Φ 34(B)

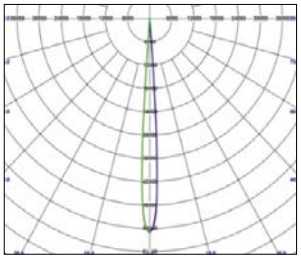
Specification

Power Output	5W
Luminous Intensity	25,000 cd
Illuminance	Max 800 lx at 5Meter
Dimension	Φ45 x 165mm
Input Voltage	100V~240V(50/60Hz)
Battery (Li-Ion)	3.7V / 5000mA
Run time	HI :2.5hr / Low : 8hr
Charging time	4hrs
Beam distance	600meter
Illuminated beam angle	7°~21°
Switch type	Tail Button
Zoom type	Manual Zoom Type
Mode	Switch On/Off, Zoom In/Out
Material	AL/PC
Waterproof	IPX8
Weight(with Battery)	350g
Adaptor	DC5.0V, 2.0A

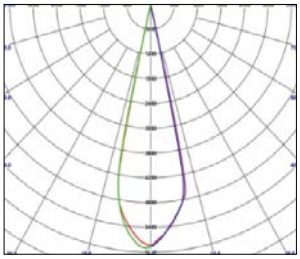
Optical Imaging Zoom System by5 MultiLens



Intensity Chart



TELE 1X : 7°



WIDE 3X : 21°

G65

LED high Performance searchlight

HANDHELD SOLUTION

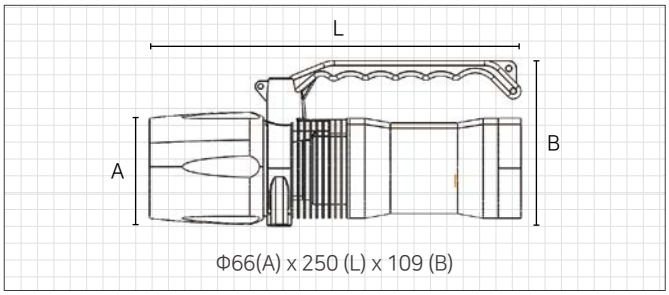


Feature

- Patented
- High Performance compact handheld Searchlight
- Image Formation Optical Zoom System
- High Light Uniformity : Within 20% Deviation of Light Distribution
- High visibility for ensuring recognition of long-distance targets
- 7°~21°beam distribution
- Light distance to 1Kmeter
- Rechargeable Li-Ion Battery
- 16.8V/2A charging adaptor
- Constant 18W output until the battery is fully discharged
- Application : Search and Rescue, Firefighter, Disaster and Safety, Naval, Costal Guard, Border patrol, Underwater, Forest Rangers.



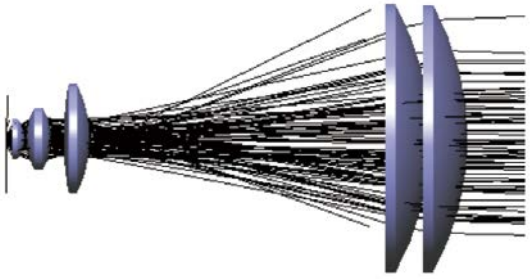
Dimension



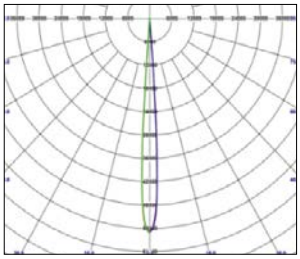
Specification

Power Output	18W
Luminous Intensity	100,000 cd
Illuminance	12,610lx at 3meter
Dimension	Φ66x250mmx109mm
Input Voltage	100V~240V(50/60Hz)
Battery (Li-Ion)	16.8V / 5000mA
Run time	HI :4hr / Low : 18hr
Charging time	3hrs
Beam distance	1Km
Illuminated beam angle	7°~21°
Switch type	Push Button
Zoom type	Manual type
Mode	Hi 100%, Low 30% , Power Max
Material	AL/PC
Waterproof	IPX7
Weight(with Battery)	1100g
Adaptor	DC16.8V, 2.0A

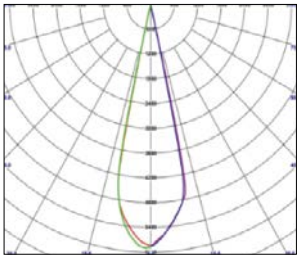
Optical Imaging Zoom System by5 MultiLens



Intensity Chart



TELE 1X : 7°



WIDE 3X : 21°

G70

LED Ultra Performance Searchlight

HANDHELD SOLUTION



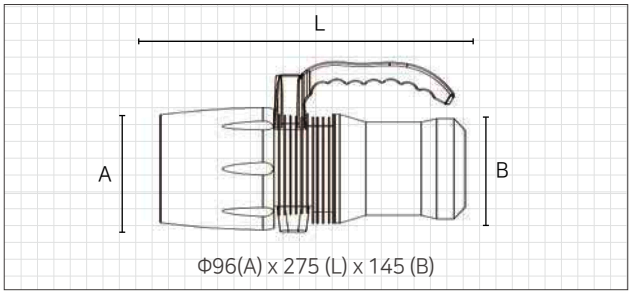
Feature

- Patented
- Ultra Performance handheld Searchlight
- Image Formation Optical Zoom System
- High Light Uniformity : Within 20% Deviation of Light Distribution
- High visibility for ensuring recognition of long-distance targets
- 7°~21°beam distribution
- Light distance to 1.5Kmeter
- Rechargeable Li-Ion Battery
- 16.8V/3A charging adaptor
- Constant 35W output until the battery is fully discharged
- Application : Search and Rescue, Firefighter, Naval, Disaster and Safety, Costal Guard, Border patrol, Underwater, Forest Rangers.

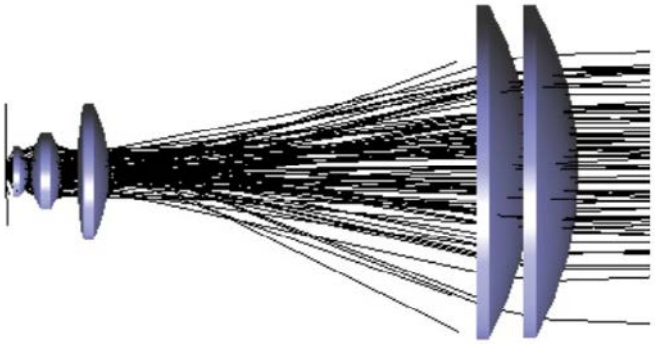
Specification

Power Output	32W
Luminous Intensity	240,000cd
Illuminance	31,525lx at 3meter
Dimension	Φ96x275mmx145mm
Input Voltage	100V~240V(50/60Hz)
Battery (Li-Ion)	16.8V/10,000mA
Run time	HI :3hr / Low : 9hr
Charging time	4hrs
Beam distance	1.5Km
Illuminated beam angle	7°~21°
Switch type	Push Button
Zoom type	Manual type
Mode	High, Low
Material	AL/PC
Waterproof	IPX8
Weight (with Battery)	2.4Kg
Adaptor	DC16.8V, 2.5A

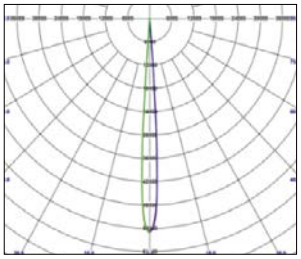
Dimension



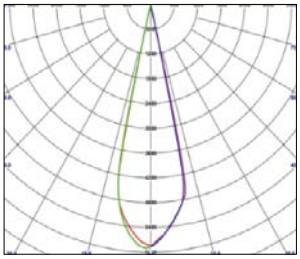
Optical Imaging Zoom System by5 MultiLens



Intensity Chart



TELE 1X : 7°



WIDE 3X : 21°

SU-2

Smoke Penetrating Lantern

Firefighting & Personal Safety Lantern

Special functions lantern that can maximize work during disaster safety, emergency situations, and patrol activities



LLA-SU2 FEATURE

- Distress Beacon
  - Without any movement in an unexpected accident for 10~20 seconds, automatically, 3 steps of strong alarm (90dB) and strobe flashing will be turned on (Motionless sensor equipped)
  - When motion is detected again while the alarm is operating, the function returns back to an ordinary lantern again
- Laser Pointer + Self defense sound alarm
- Frame and impact resistant
- Integrated Lithium-ion rechargeable battery
- IP-67 Dustproof / Waterproof
- Yellow smoke filter and Window breaker
- High-strength aluminum housing and hard anodizing treatment
- 2.5hr charging time

Specification

Power Output	10W
Intensity	1,300 lm/23,000 cd
Illuminance	Max 950 lx at 1M
Dimension	75mmx66mmx166mm
Input Voltage	100V~240V(50/60Hz)
Battery(Li-Ion)	7.4V / 2,600mA
Running time	1:30hr ~ 8:00hr
Charging time	2:30hr
Beam distance	300m
Temperature of color	5,000K~9,000K
Smoke Filter	Orange-colored filter
Waterproof	IP67
Weight(with Battery)	440g
Adaptor	DC12V, 1.5A

Certification

- KC : R - R - mtw - SU - 2
- CE : STD - CE - 19049
- FCC : KST - FEM - 200066
- Procurement ID number : 24110151





LLA200

FIREFIGHTING & PERSONAL SAFTY LANTERN

Smoke Penetrating Lantern

Special functions lantern that can maximize work during disaster safety, emergency situations, and patrol activities



LLA200 FEATURE

- Distress Beacon
  - Without any movement in an unexpected accident for 10~20 seconds, automatically, 3 steps of strong alarm (90dB) and strobe flashing will be turned on (Motionless sensor equipped)
  - When motion is detected again while the alarm is operating, the function returns back to an ordinary lantern again
- Laser Pointer
- Charging Cradle
- Frame and impact resistant
- Integrated Lithium-ion rechargeable battery
- IP-67 Dustproof / Waterproof



Specification

Power Output	10W
Intensity	1,300 lm/23,000 cd
Illuminance	Max 950 lx at 1M
Dimension	67mmx176mm
Input Voltage	100V~240V(50/60Hz)
Battery(Li-Ion)	7.4V / 5,000mA
Run time	2:00hr~10:00hr
Charging time	2:30hr
Beam distance	300m
Temperature of color	5,000K~9,000K
Mode	Hi/Middle/ Low/Strobe
Waterproof	IP67
Weight(with Battery)	390g
Charger	DC 5V, 3A



Certification

- Patent : 10 - 1950177
- KFI : SPL18 - 1
- KC : R - REM - mtw - MS - LLA200
- CE : STD - CE - 19048
- FCC : KST - FEM - 200067
- PSE : STD - PSE - 20014
- Procurement ID number : 23346600



LLA-6

FIREFIGHTING & PERSONAL SAFTY LANTERN



Helmet Lantern

Special functions lantern that can maximize work during disaster safety, emergency situations, and patrol activities

LLA-6 FEATURE

- Modern sense design
- High LED effi ciency by patented heat dissipation structure
- Lighter and easy to attach and detach from the helmet
- Warning flashing function and 3 step brightness control function
- Easy identifi cation even in haze by using yellow filter
- Can be charged with an existing USB cable
- Equipped with a blue lamp to identify the location of crew members



Specification

Power Output	5W
Dimension	47mmx65mmx101mm
Battery(Li-Ion)	3.6V / 2,600mA
Run time	2:00hr ~ 8:00hr
Temperature of color	5,000K~9,000K
Mode	Hi / Middle / Low
Waterproof	IP67
Weight(with Battery)	170g







Certification

- Patent : 10 - 1666164
- CE : STD - CE - 19047
- FCC : KST - FEM - 200065
- PSE : STD - PSE - 20013
- KC : MSIP - REM - mtw - MS - LLA6
- PROCUREMENT ID NUMBER : 23266988

IGL100-AF

Flame resistant (VW-1) and Water resistant (IP-68)

IGL EL FLAME RESISTANT GUIDELINE



IGL100-AF FEATURE

- Solid Aluminum and stainless frame
- Water-resistant (IP68)
- Fire-resistant (VW-1)
- High tensile strength (90KG/F)
- User-friendly interface
- Cable release locking system
- Battery life indicator

Firefighting

Commercial applications
– construction, welding, inspecting check

Marking
– access/guide line, safety area, limited visibility conditions

Training
– guide line, decompression stop, turn point



Specification

Model No.	IGL100-AF
Product Size	W200 x L370 x H290
Weight	8Kg (Cable 100meter) / 12Kg (Cable 200meter)
Water-proof	IP68
Cable length	100m
Cable diameter	6mm
Tensile strength	90KG
Function	ON/FLICKER/LEFT/RIGHT
Operating time	3 ~ 5 hrs
Charging voltage	12.6V DC charge
Charging time	3 hrs
Battery type	3.7V Li-ion 18650
Cable color	Lime green

IGL100-TE

ANTI FIRE & UNDER WATER

IGL PORTABLE GUIDE LIGHT LINE



IGL100-TE FEATURE

- Light weight aluminum housing
- Max runtime 6 hrs
- Tensile strength 100kg
- Max depth 50m
- Underwater charging capability

Technical diving

– Naval, Coastal guard, deep sea dive, ice dive, confined space, wreck cave, search and rescue, recovery salvage, free dive

Specification

Model No.	IGL100-TE
Dimension	W220 x L300 x H250
Weight	8Kg
Max deep	Underwater 50m
Cable length	100m
Cable diameter	6 mm
Tensile strength	Max 100kg
Function	ON/FLICKER/LEFT/RIGHT
Operation time	4hrs ~ 6hrs
Charge voltage	12.6 DC charge
Charging time	4 hrs
Battery type	3.7V Li-ion 18650
Cable color	Lime green
Option	External battery





GRANLUZ

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