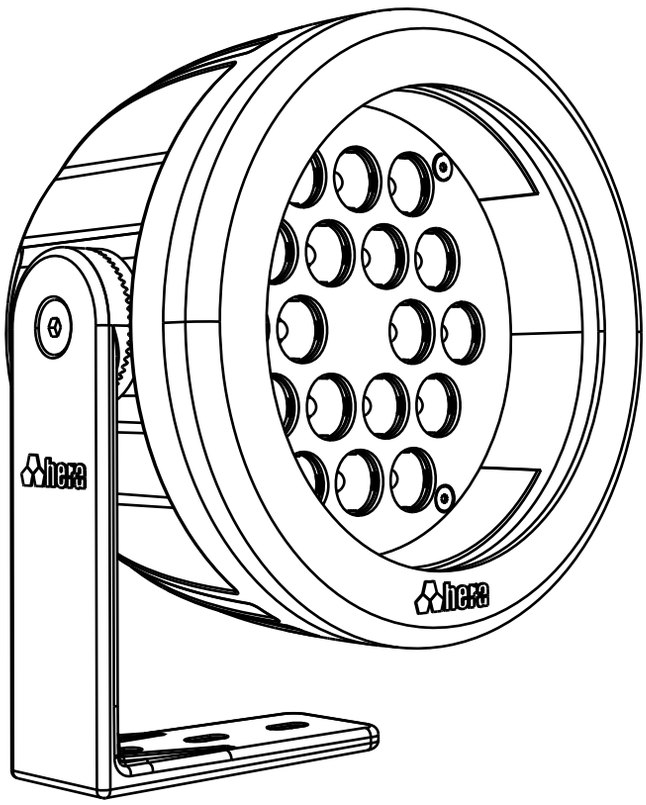

PROCOLOR® 35 RGB SERIES

User's Manual & Installation Guide

Index V.1.0

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Congratulations on choosing a HERA product!
We thank you for your custom.
Please note that this product, as all the others in the rich HERA range, has been designed and made with total quality to ensure excellent performance and best meet your expectations and requirements. Carefully read this instruction manual in its entirety and keep it safe for future reference. It is essential to know the information and comply with the instructions given in this manual to ensure the fitting is installed, used and serviced correctly and safely. HERA disclaims all liability for damage to the fitting or to other property or persons deriving from installation, use and maintenance that have not been carried out in conformity with this instruction manual, which must always accompany the fitting. HERA reserves the right to modify the characteristics stated in this instruction manual at any time and without prior notice.

Safety Information

Caution – unplug the power supply from the main power before connecting any cables as this can damage the products.

Caution – avoid looking directly into the led light source at close range for your own safety.

Any people installing this product should comply with local standards and regulations and must be qualifed for the handling of electrical equipment.

- Do not attempt to install or use the product until installation instructions and safety labels are fully understood. This product is designed for indoor and outdoor usage.
- Ensure product operates within the specifed temperature range.
- Do not attempt to open the product.
- Do not use the product if the power cables are damaged.
- Only use product for specifed voltage.
- Always maintain connection to ensure waterproofing.
- If the product has been subjected to drastic temperature variances, for example, following transportation, do not connect the fixture until it has reached room temperature, as moisture condensation may cause electric shock and product damages.
- When installing the products and system power supplies, please ensure they will not be exposed to moisture and extreme heat (and direct sunlight for outdoor products). Besides, keep a clean operating environment for the fixtures and system power supplies.
- Please study this Installation Guide thougly and check the lates Tecnical Specification Sheets available from the our website www.heraled.com before setup.
- Any non-compliance of the Installation Guide will void the Hera warranty.

Warranty

Hera warrants the products for a period of three (3) years from date of purchase, provided that the purchased items are used under the conditions stated in this user manual.

Marking

CE FC RoHS compliant IP67 DMX RDM

Explanation

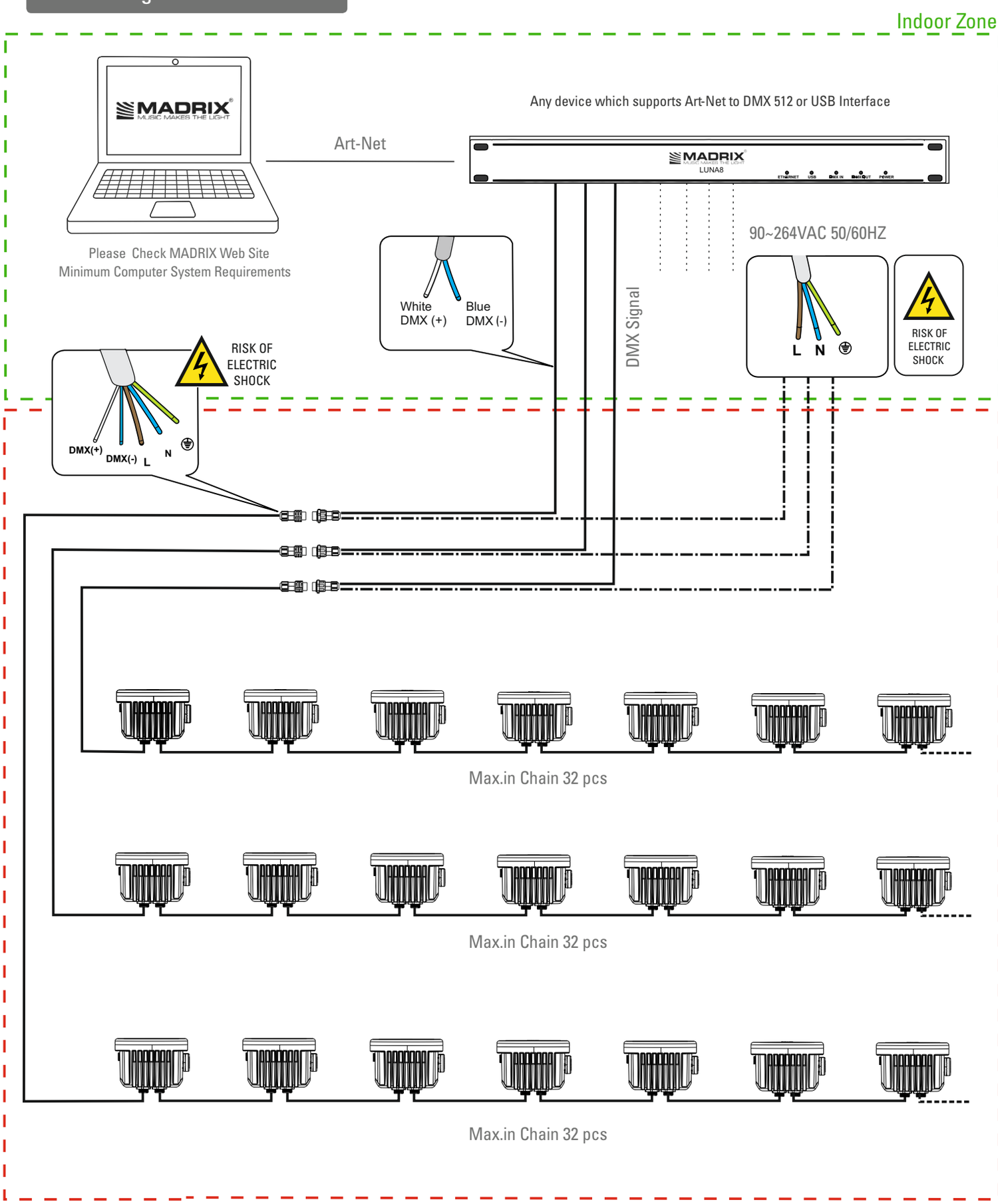
Procolor® 35RGB has 18 high powered led within itself. It consumes 35 Watt energy and generates 1218 lumen light. It has options such as Narrow, Middle and Wide angle. Even though it is small, it is a leading product in its class with high light power. It is controlled with 3 Channel DMX. Channel 1: 0-255 Red, Channel 2: 0-255 Green, Channel 3: 0-255 Blue. Power unit is built in. It has 90~264VAC 50/60Hz Universal operating voltage. It has aluminum injection body. It provides unique resistance against the corrosion with its special covering before the painting. It has RAL9010 white, RAL9005 Black, RAL7016 Grey color options. It is adjustable and lockable with 6 degree angles thanks to gearwheel in the body and assembly column. It is safe and durable with tempered glass with 4mm thickness. It is in IP67 protection class with 60 shore gasket. It is not evaporated with PG9 Stainless Steel Cable Glands&Ventilation Plug It is manufactured by using stainless steel screws with AISI304 quality. It has wide range of accessories according to the application.

- Exact solution in architecture and landscape illumination
- Locking at 6 degree angles with gearwheel
- 18 High Powered LED
- 90~264VAC 50/60Hz Universal operating voltage with built in power unit
- Safe use in interior and external environment with IP67 protection

Details

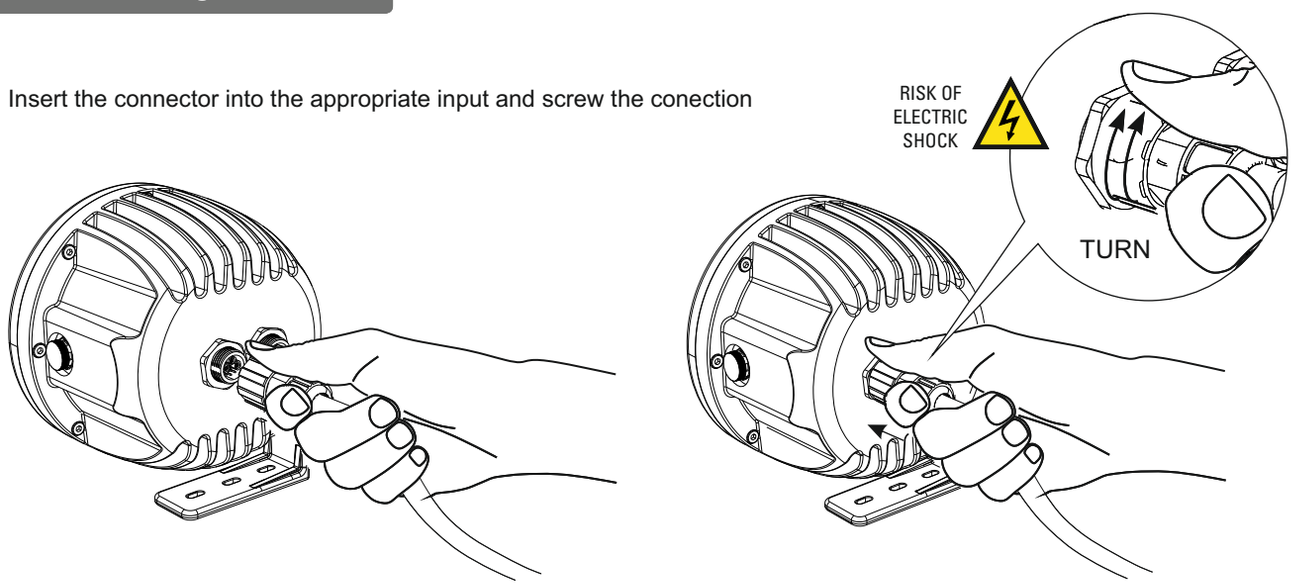
Light Source	: 18 Pcs. Nichia 219 Series
Lifetime	: 50.000 Hours
Input:	: 3+5-Pin IP67 Waterproof Connector (Power + DMX) 90~264VAC 50/60Hz Universal AC input / Full range
Power Consumption	: 35 Watt
Luminous Intensity	: 1218 lm RGB Mode *Preliminary data, figures are approximate
Control and Programming	: DMX 512
DMX Channels	: Ch1: Red 0 - 255 / Ch2: Green 0 - 255 / Ch3: Blue 0 - 255 Color Temperature Control: 2.000 - 10.000K Continuous Mixing
DMX Address Settings	: RDM (Group of Remote Addressable Systems)
Housing	: Die-Cast Aluminium Body Tempered Glass
Screw and Mounting Accessories	: Die-Cast Aluminium Installation Equipment 304L Stainless Steel
Temperature:	: Operating : -40°C - 50°C - (-40° - 122° F) Storage : -40°C - 85°C - (-40°C - 185° F)
Dimensions (H x W x D)	: 172x145x118 mm (6,77x5,74x4,64 in)
Weight	: 1,7kg (3,7 lb)
Certification	: EU safety: EN60598-2-5 (EN60598-1), EN62471, EN62493, EN60598-2-1 EU EMC: EN55015, EN61547, EN61000-3-2, EN61000-3-3, EN61000-4-2, EN61000-4-4, EN61000-4-5 US safety (pending): ANSI/UL 1598 US EMC: 47 CFR Part 15 Class A

Block Diagram

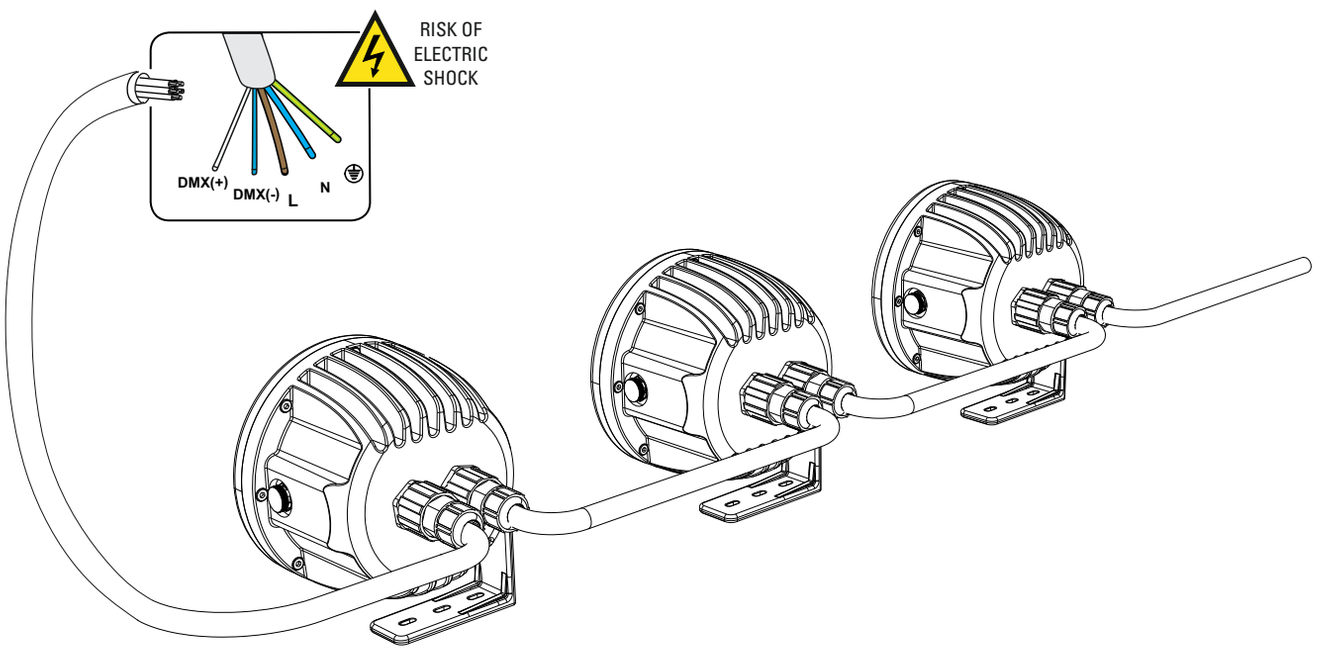


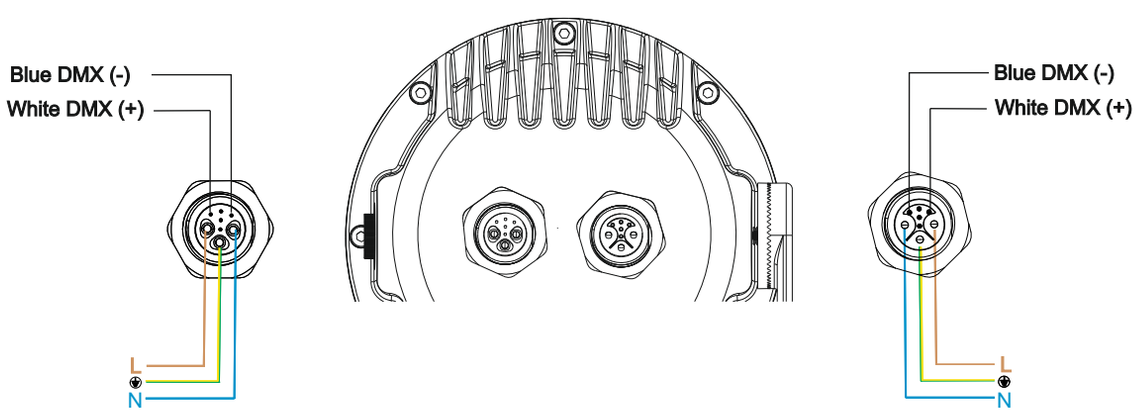
Connection Diagram

1 Insert the connector into the appropriate input and screw the conection



2 The correct type of connection as shown at figure

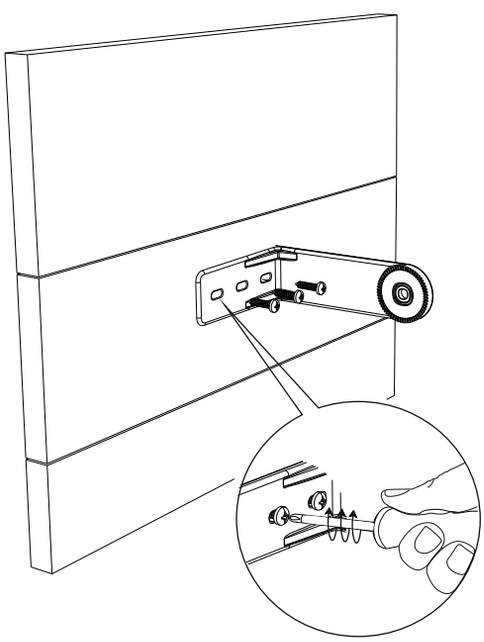




Installation Instruction

Step	Description
1	Assemble leg of luminaries to wall or ground as shown at figure 1
2	Synchronize the gear with surface of luminaries and leg as shown at figure 2
3	Turn the luminaries into the suitable position as shown at figure 3
4	Tighten the screw as shown at figure 4
5	Finished installation as shown at figure 5

1



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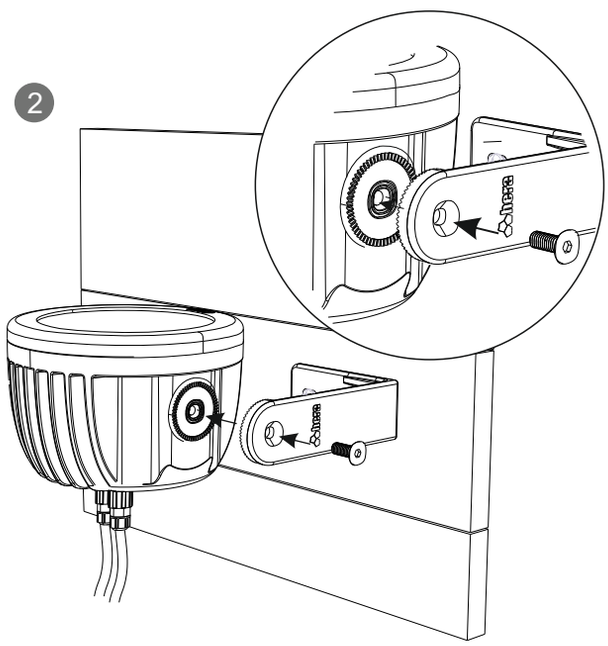

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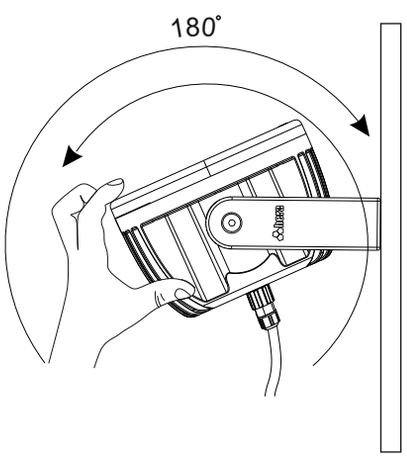
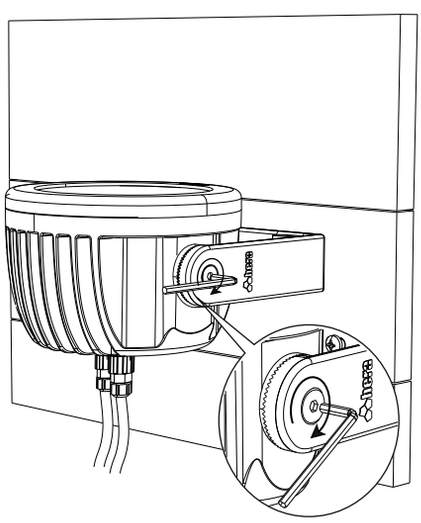


*Adjustable gear of luminaries with 6° angle

4



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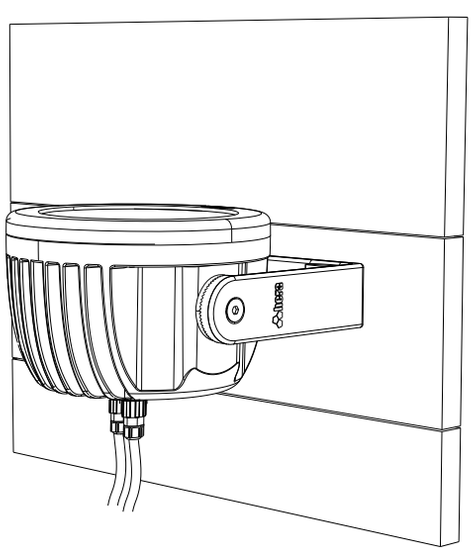
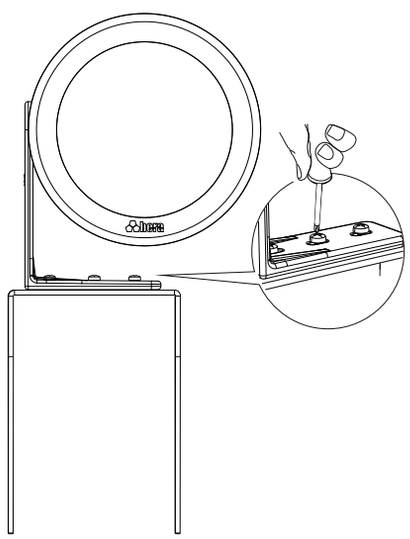


Installation Instruction

Step	Description
1	Screw leg of luminaries to pile as shown at figure 1
2	Luminaries pile into soil as shown at figure 2
3	Loosen the screw as shown at figure 3
4	Turn the luminaries into the suitable position as shown at figure 4
5	Tighten the screw as shown at figure 5
6	Finished Installation as shown at figure 6

1



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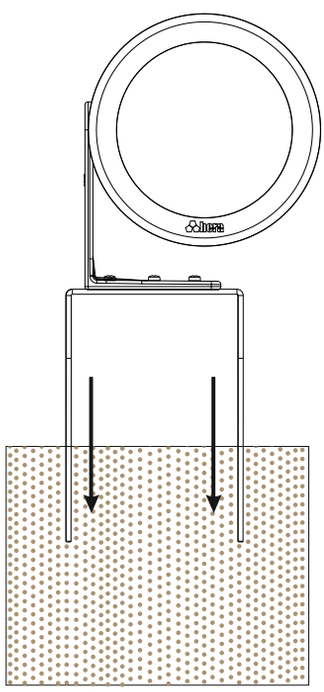

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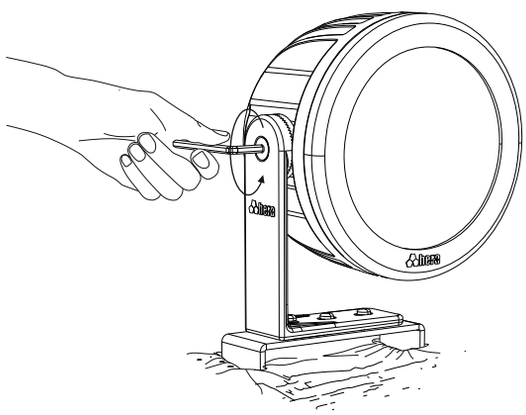

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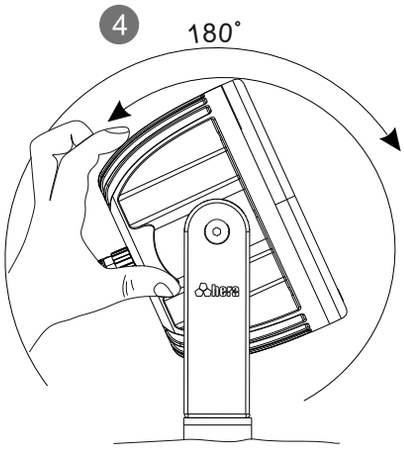

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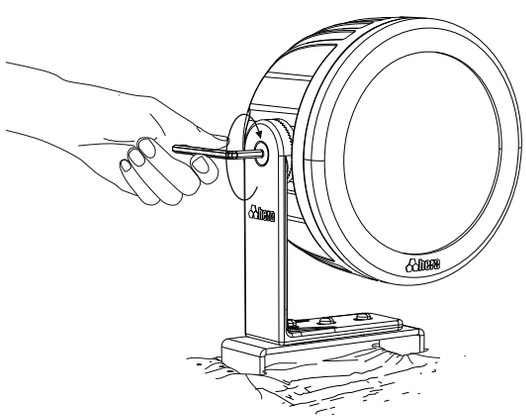

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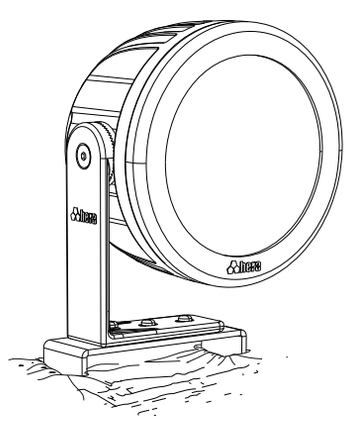
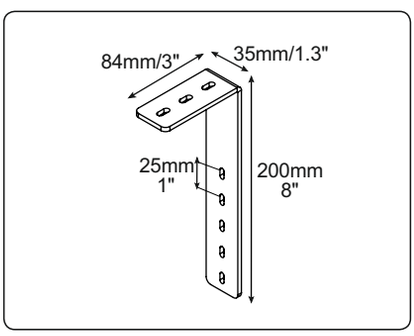


*Adjustable gear of luminaries with 6° angle

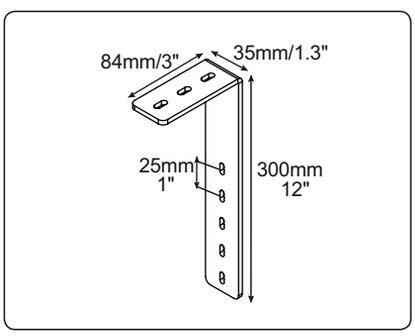
Ordering Information

Procolor® 35RGB Flood Light Spot Beam White	P02002081W
Procolor® 35RGB Flood Light Medium Beam White	P02002082W
Procolor® 35RGB Flood Light Flood Beam White	P02002083W
Procolor® 35RGB Flood Light Spot Beam Grey	P02002081G
Procolor® 35RGB Flood Light Medium Beam Grey	P02002082G
Procolor® 35RGB Flood Light Flood Beam Grey	P02002083G
Procolor® 35RGB Flood Light Spot Beam Black	P02002081B
Procolor® 35RGB Flood Light Medium Beam Black	P02002082B

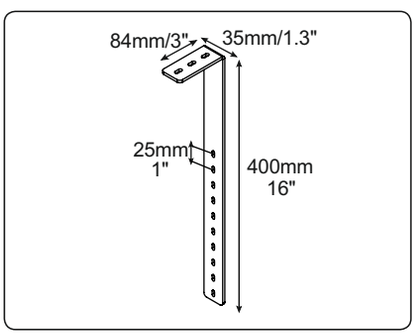
Accessories



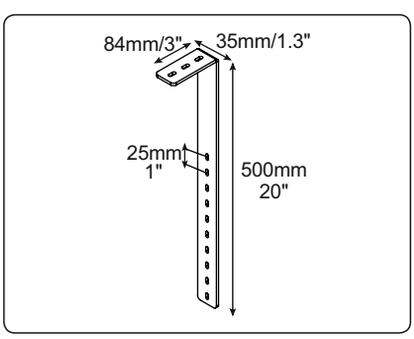
A01010
200mm Mounting Bracket
Optional



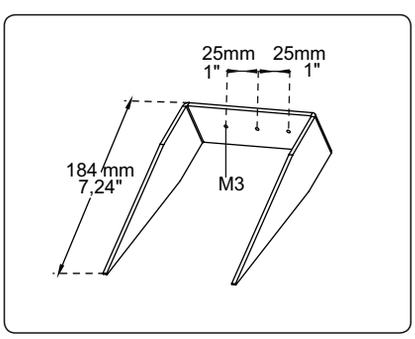
A01011
300mm Mounting Bracket
Optional



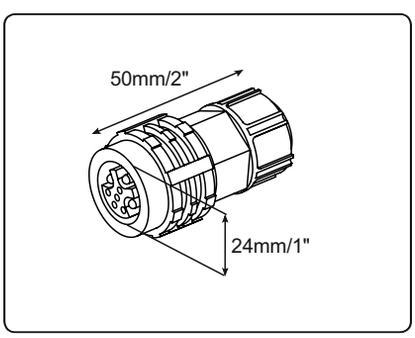
A01012
400mm Mounting Bracket
Optional



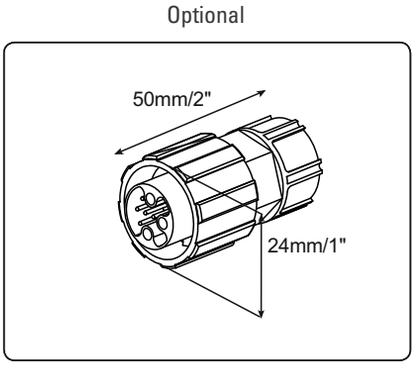
A01012
500mm Mounting Bracket
Optional



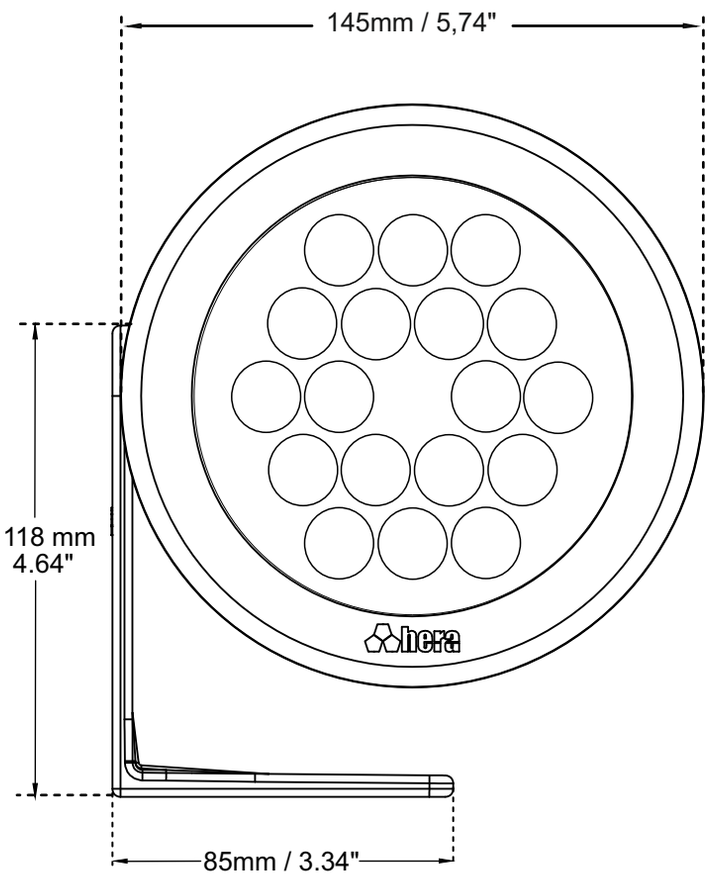
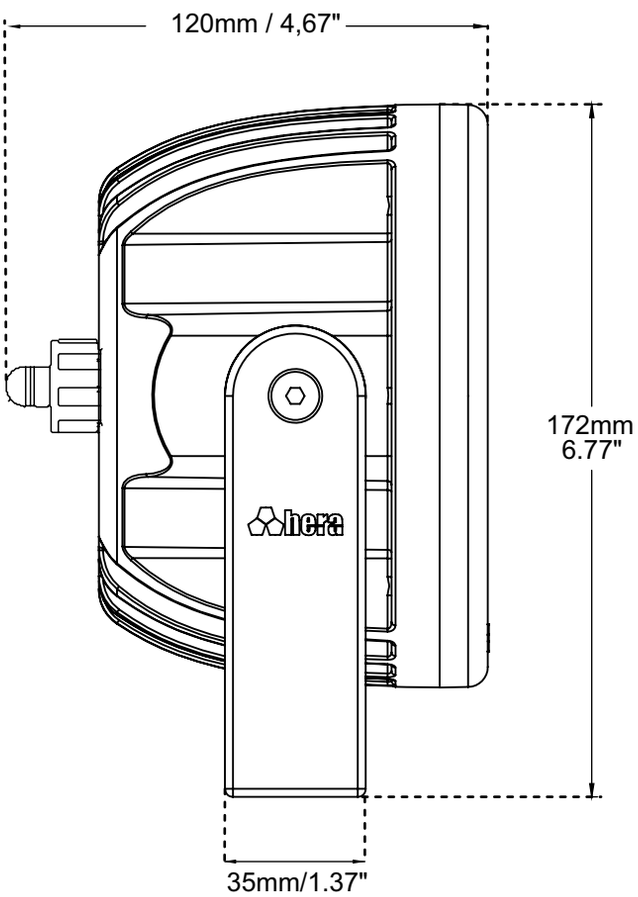
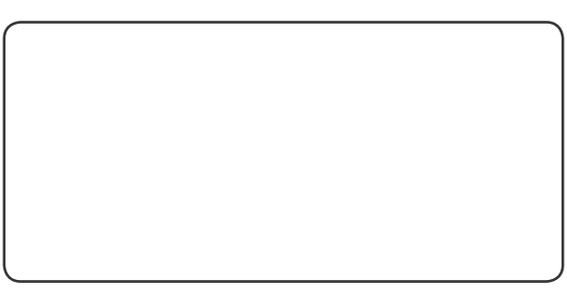
A01027
Stup Ground
Optional



A01033
3+5 Pin Male IP68 Connector
Standart



A01034
3+5 Pin Female IP68 Connector
Optional

*Standart product codes that we provided is above. Please contact us for special orders.

Technical Drawing