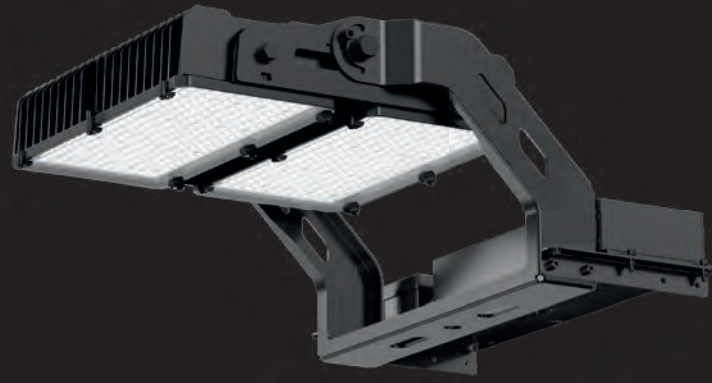


FLOODLIGHT SERIES

Installation manual

SPECTRIS
SPORT

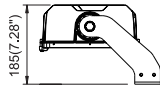


Please read the installation and connection instructions carefully before installation.

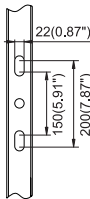
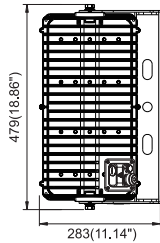
This document should be kept in case of future interventions.

PRODUCT DIMENSIONS (MM/INCH)

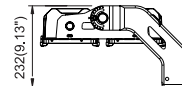
600W



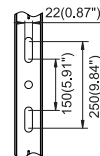
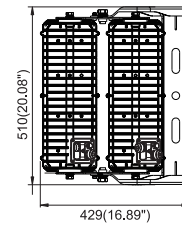
kg
7.8 KG



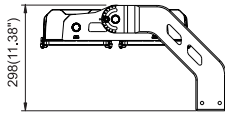
800W



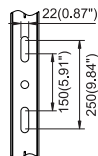
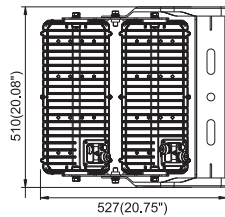
kg
13.7 KG



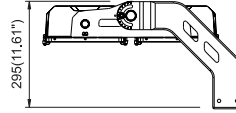
960W



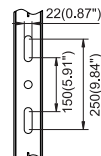
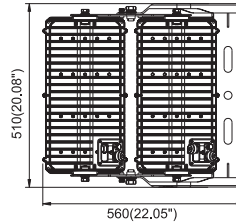
kg
16.4 KG



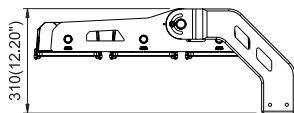
1200W



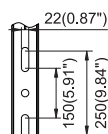
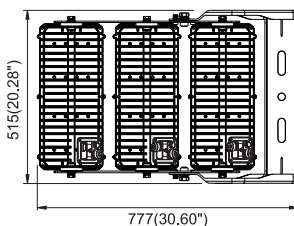
kg
18.8 KG



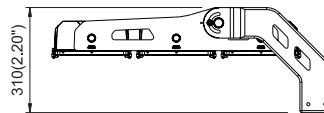
1500W



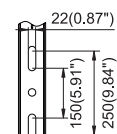
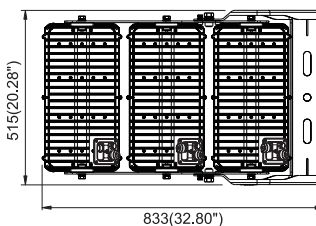
kg
24.8 KG



1800W



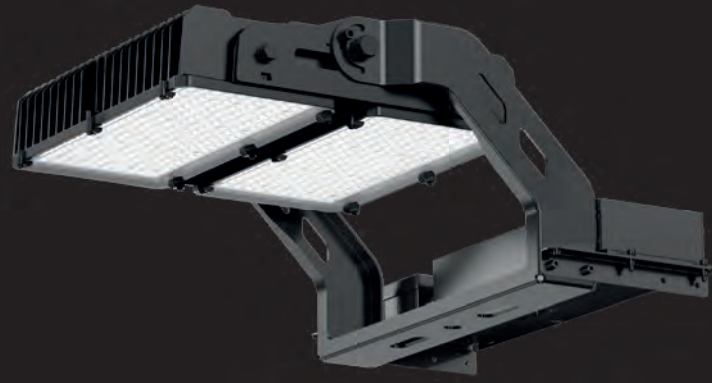
kg
28 KG



FLOODLIGHT SERIES

Installation manual

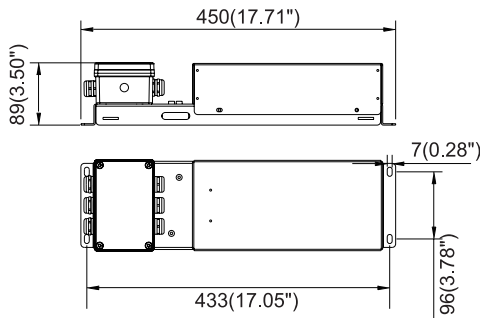
SPECTRIS
SPORT



DRIVER BOX DIMENSIONS (MM/INCH)

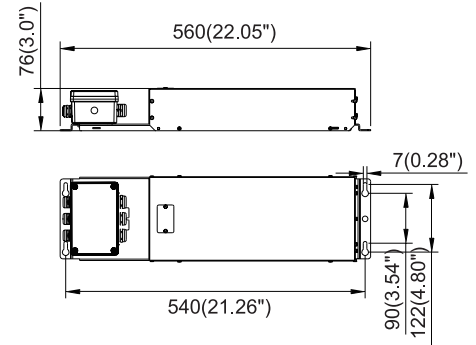
600W

kg
600W : 4.7 KG



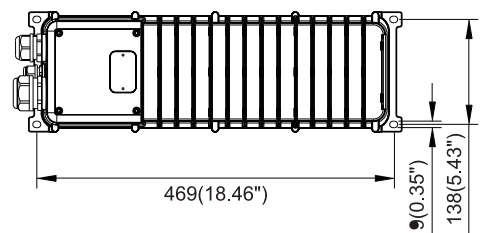
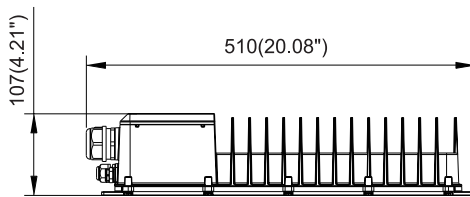
800W-1200W

kg
800W : 5.4 KG
960W : 6.6 KG
1200W : 6.6 KG

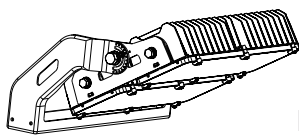


1500W-1800W

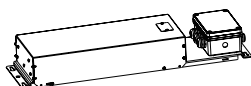
kg
6 KG



Please read carefully the following datas, they will be useful for your installation

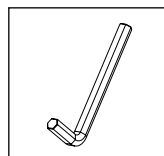
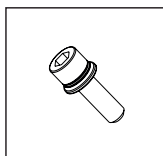
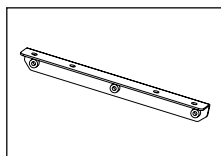


Floodlight body

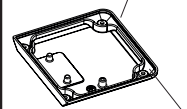
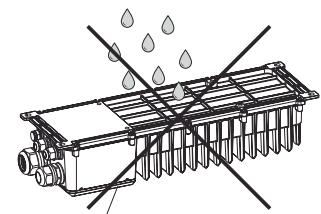
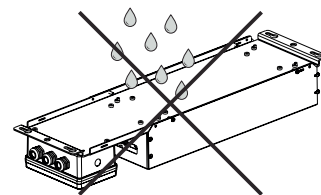


Power supply

Accessories



Do not install the driver upside down



waterproofing problems will appear if installed upside down

SPECTRIS
SPORT

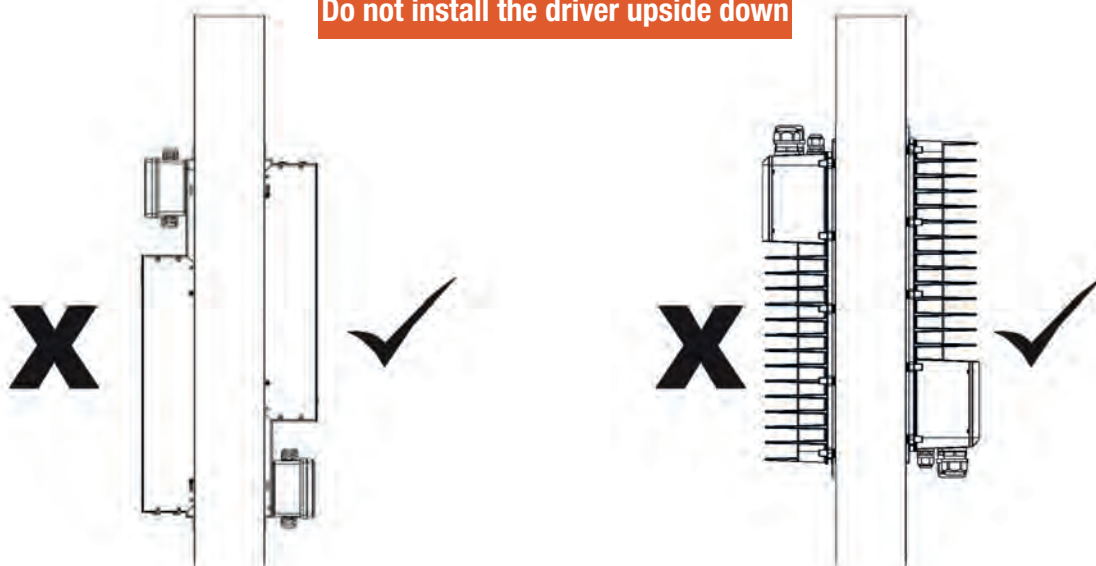
FLOODLIGHT SERIES

Installation manual

SPECTRIS
SPORT



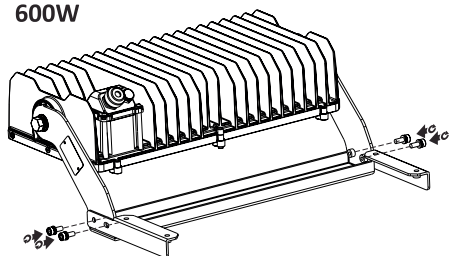
Do not install the driver upside down



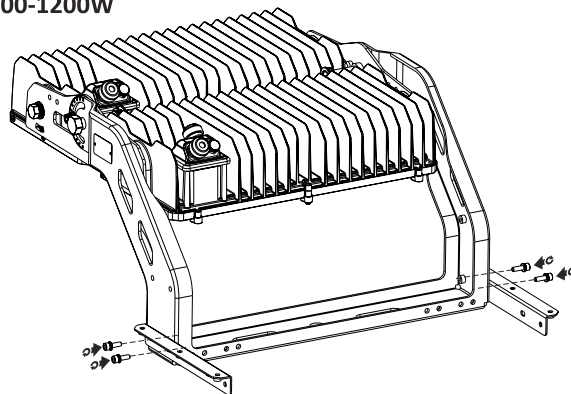
DRIVER BOX FITTING

- ①
- M6
4PCS
 - 5
2.5 N.m

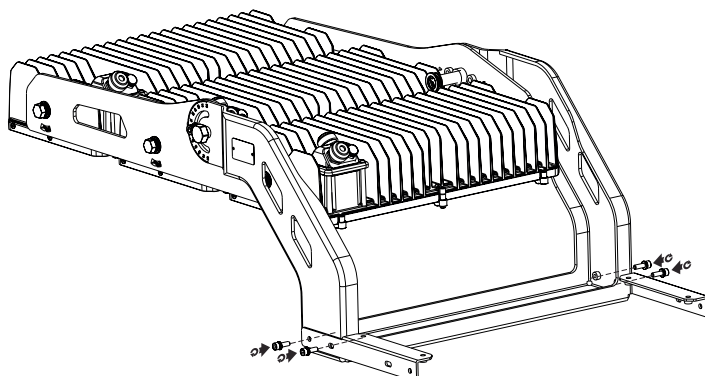
600W



800-1200W



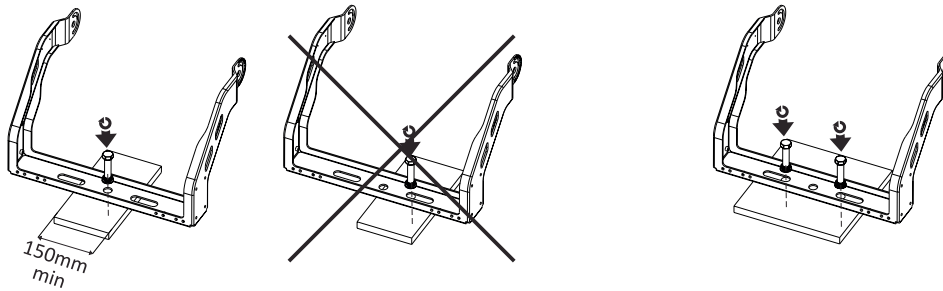
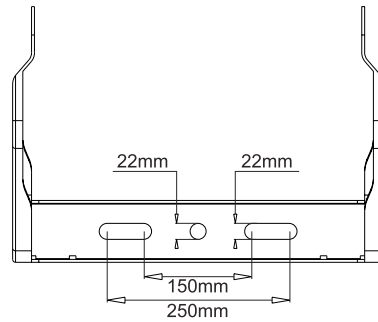
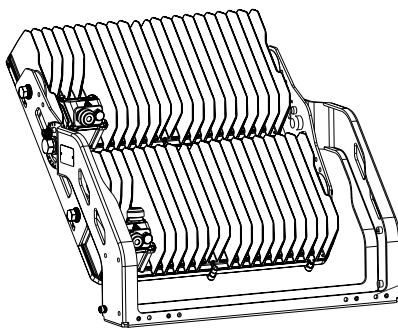
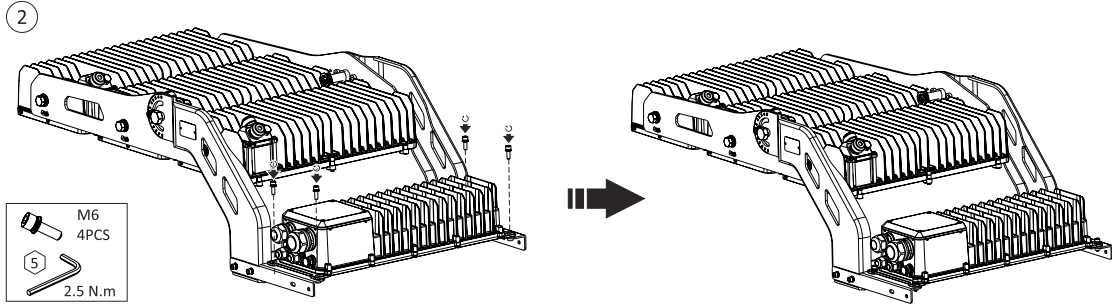
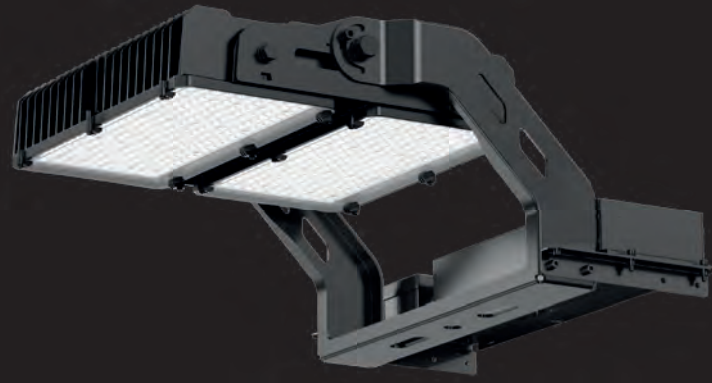
1500-1800W



FLOODLIGHT SERIES

Installation manual

SPECTRIS
SPORT

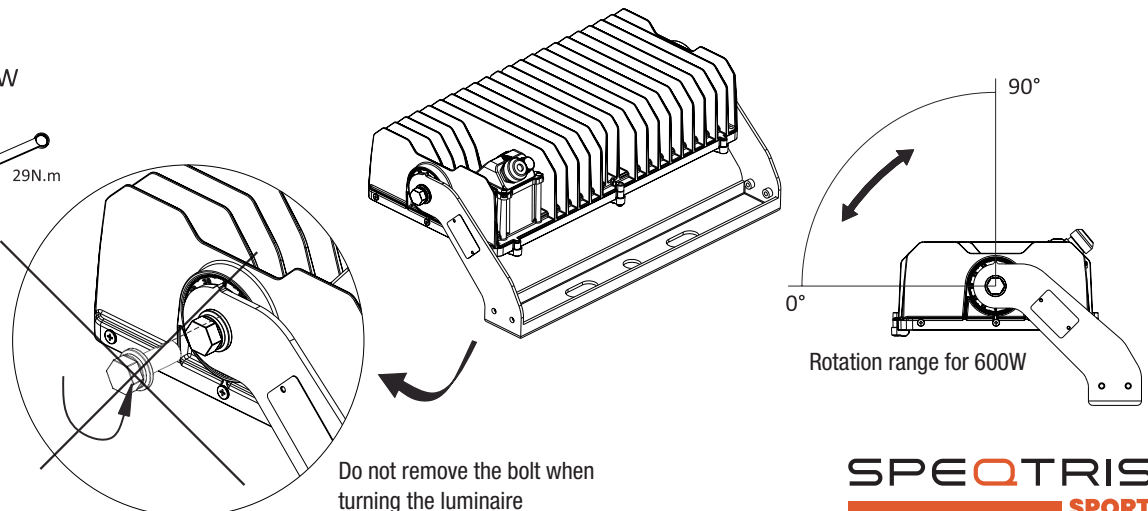
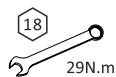


Using 1xM20 with extra-large washer (not supplied)

Using 2xM20 with extra-large washer (not supplied)

If the floodlight has only one fixing point, it is important to add a safety fixing device.

600W

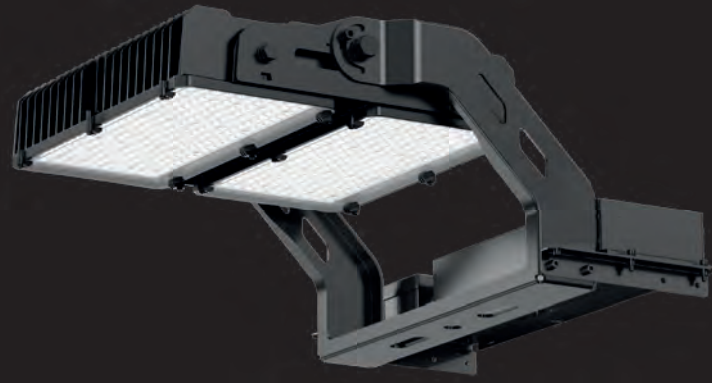


SPECTRIS
SPORT

FLOODLIGHT SERIES

Installation manual

SPECTRIS
SPORT



ADJUSTABLE BRACKET INSTALLATION ON THE FLOODLIGHT

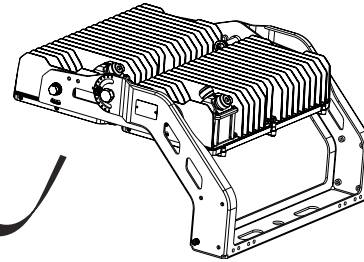
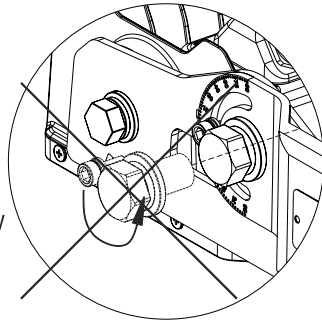
800-1800W



800W

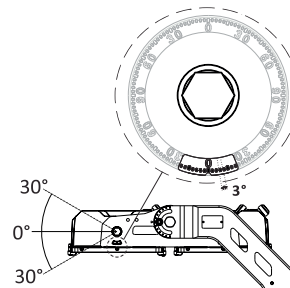
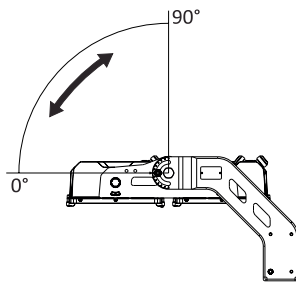


960W-1800W



Do not remove the bolt when turning the luminaire

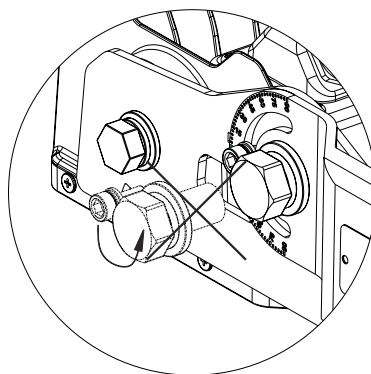
Rotation range for 800W-1800W



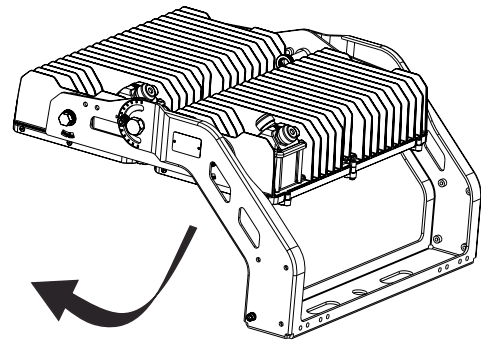
Loosen all the bolts on both sides, but remove only the small ones.

small bolts

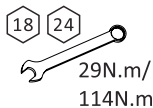
large bolts



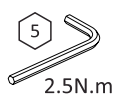
DO NOT REMOVE LARGE BOLTS



400W-600W



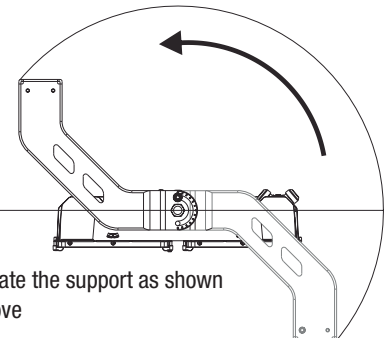
800W



960W-1800W



180° 0°

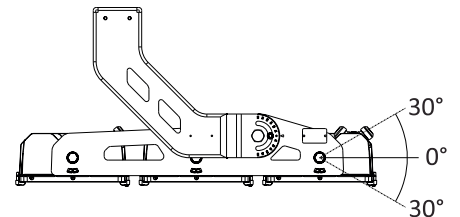
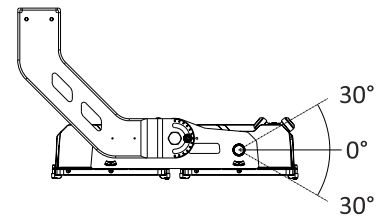
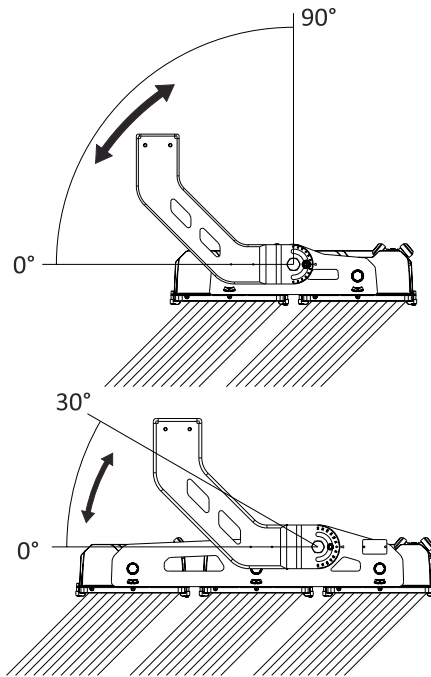
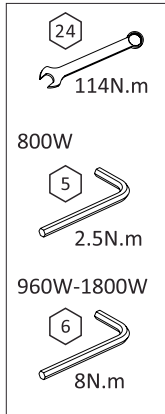
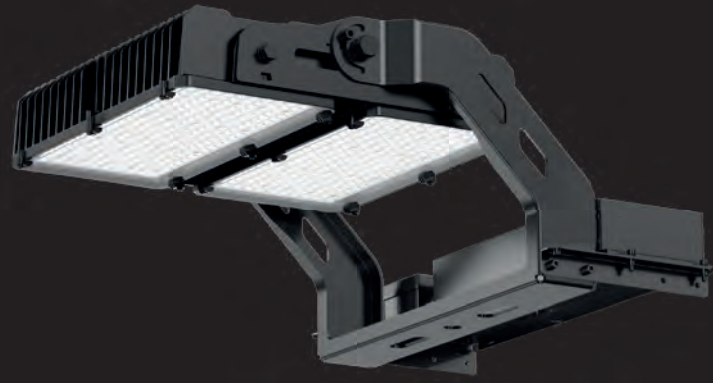


Rotate the support as shown above

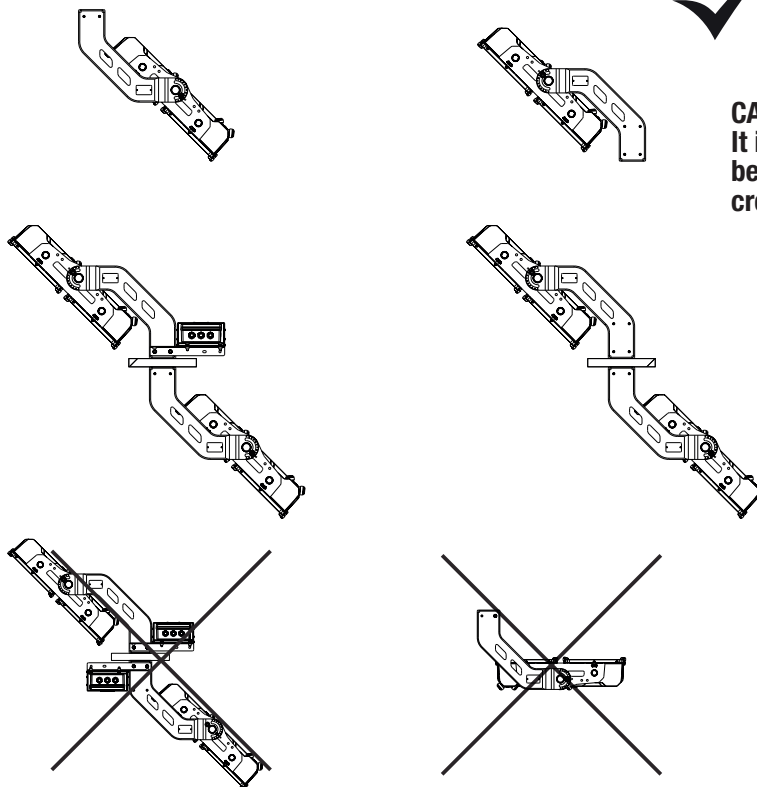
FLOODLIGHT SERIES

Installation manual

SPECTRIS
SPORT



Allowed/ Not allowed installation position



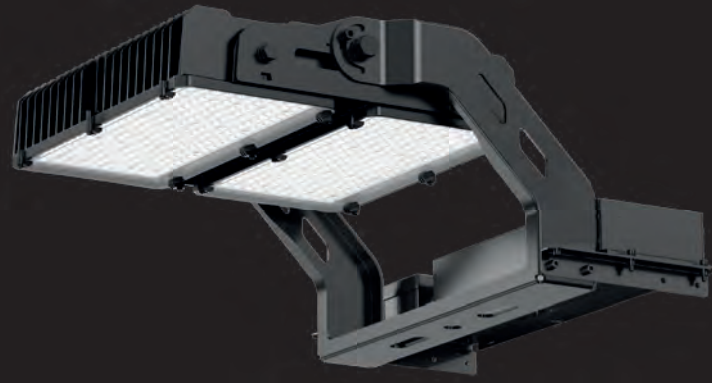
CAUTION:
It is important to avoid overlapping between the floodlight in order to not create shadow areas on the ground.

FLOODLIGHT INSTALLATION

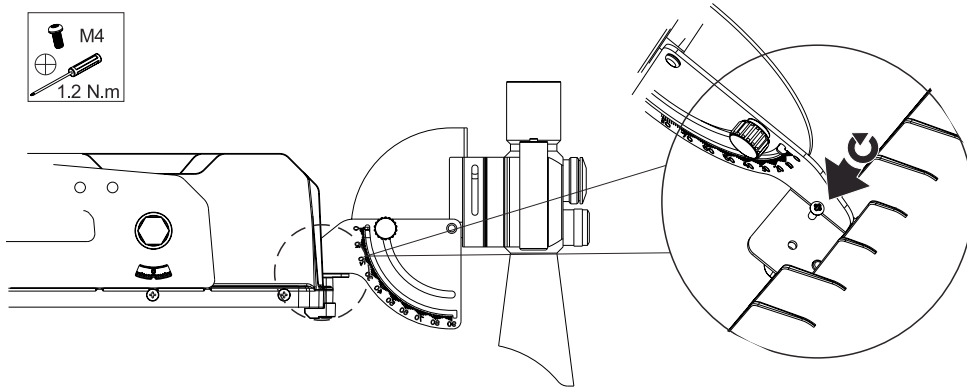
FLOODLIGHT SERIES

Installation manual

SPECTRIS
SPORT



Installation of the adjustment steady rest using the screw-on angle bracket (module end mounting) : Optional adjustment accessory



VISOR INSTALLATION (NOT INCLUDED)

Scope adjustment to suit optics

Lens Type	F04001X	F04001Z	F04002
Mounting Angle (Aiming Devive Bracket)	49.5°	45°	9°
Photometric Data (For Mounting Angle)			
Photometric Data (For Lens)			
Luminaire mounting type			

FLOODLIGHT SERIES

Installation manual

SPECTRIS
SPORT



VISOR INSTALLATION (NOT INCLUDED)

Lens Type	F04003X	F04003Z	F04004
Mounting Angle (Aiming Devive Bracket)	0°	0°	0°
Photometric Data (For Mounting Angle)			
Photometric Data (For Lens)			
Luminaire mounting type			

FLOODLIGHT SERIES

Installation manual

SPECTRIS
SPORT



VISOR INSTALLATION (NOT INCLUDED)

Lens Type	F04006	F04013	F04014
Mounting Angle (Aiming Devive Bracket)	0°	53.5°	54.5°
Photometric Data (For Mounting Angle)			
Photometric Data (For Lens)			
Luminaire mounting type			

FLOODLIGHT SERIES

Installation manual

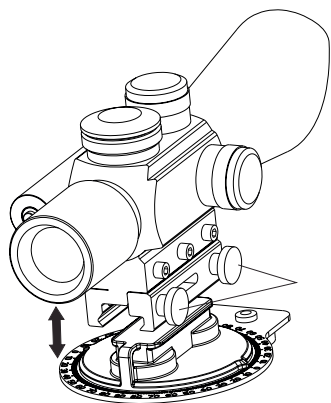
SPECTRIS
SPORT



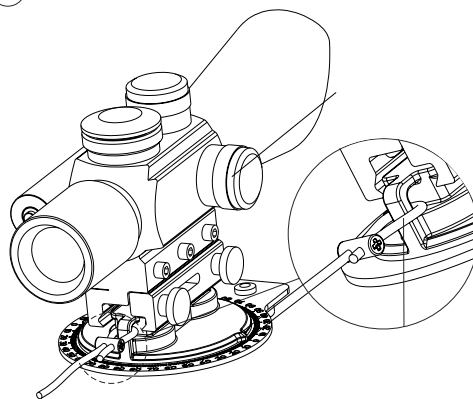
Adjusting steady rest installation using magnetic holder (side-mounted) :

Optional adjustment accessory

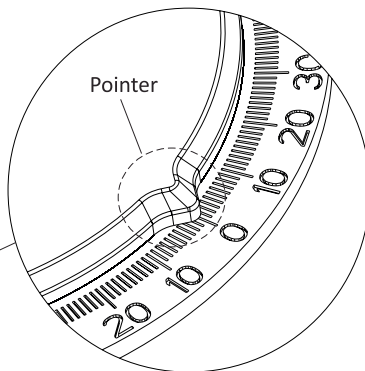
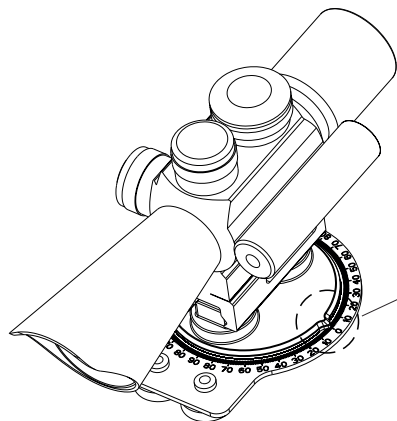
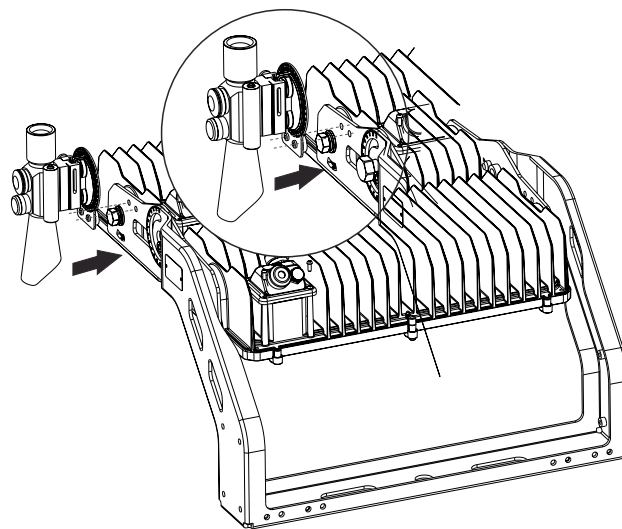
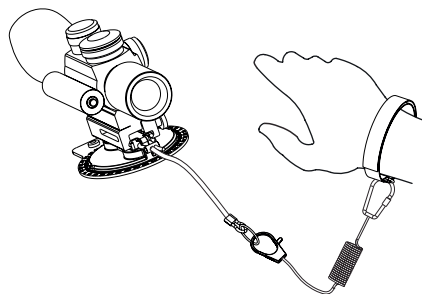
①



②



③

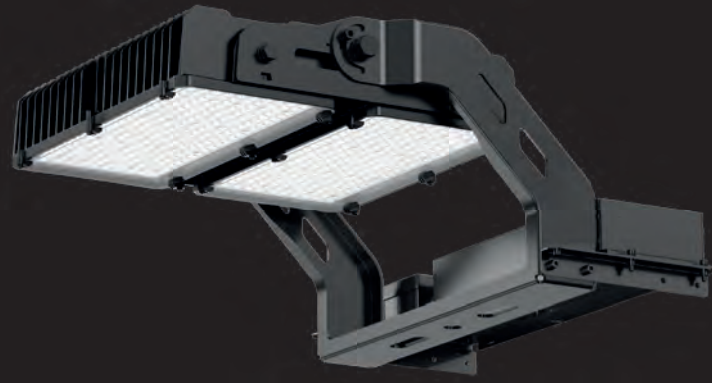


VISOR INSTALLATION MAGNETIC (NOT INCLUDED)

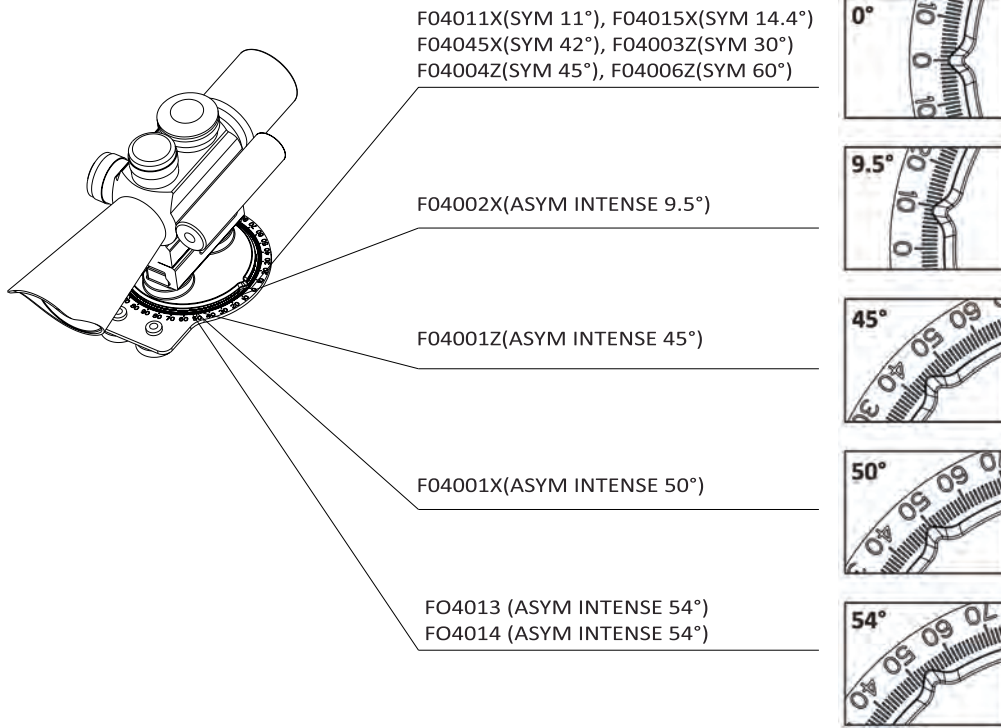
FLOODLIGHT SERIES

Installation manual

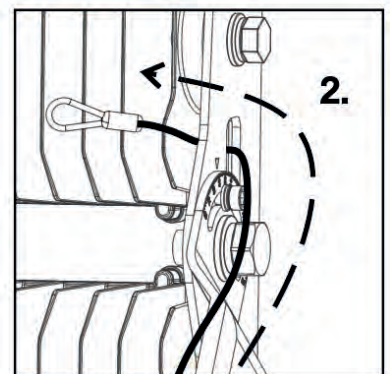
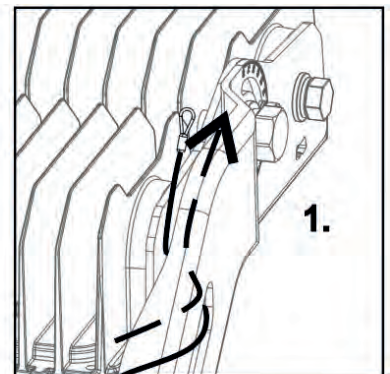
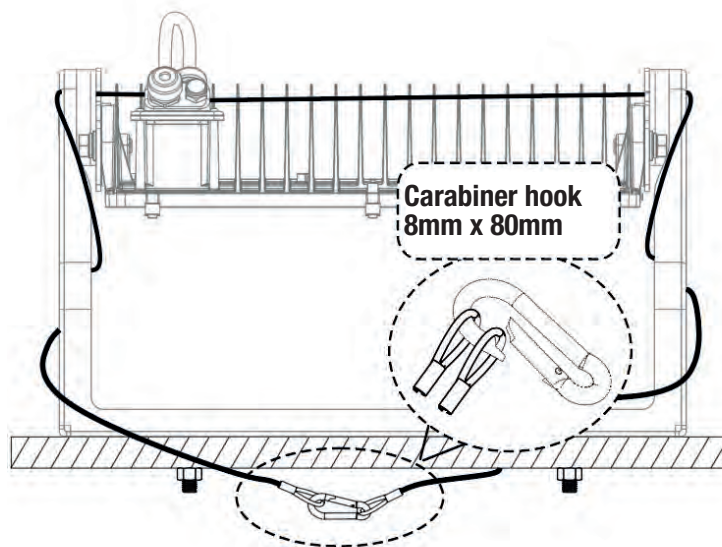
SPECTRIS
SPORT



VISOR INSTALLATION MAGNETIC
(NOT INCLUDED)



FITTING THE SAFETY CABLE



It is important to secure the installation of the floodlight installing a safety cable.

SPECTRIS
SPORT

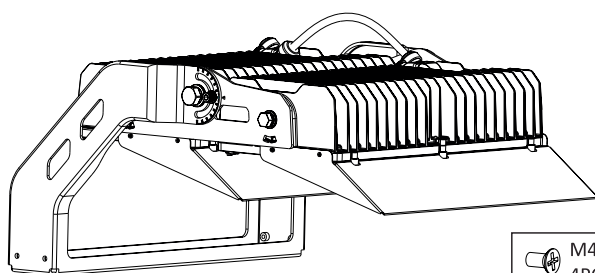
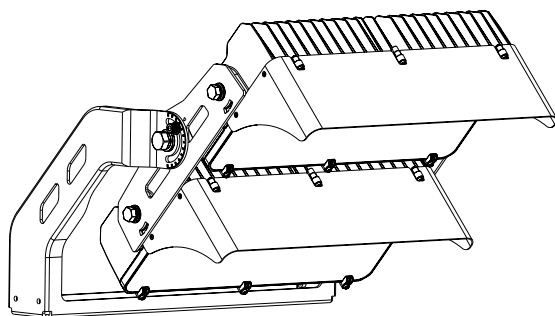
FLOODLIGHT SERIES

Installation manual

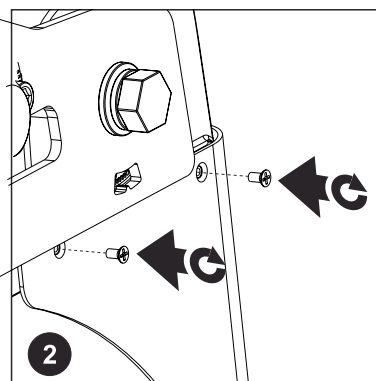
SPECTRIS
SPORT



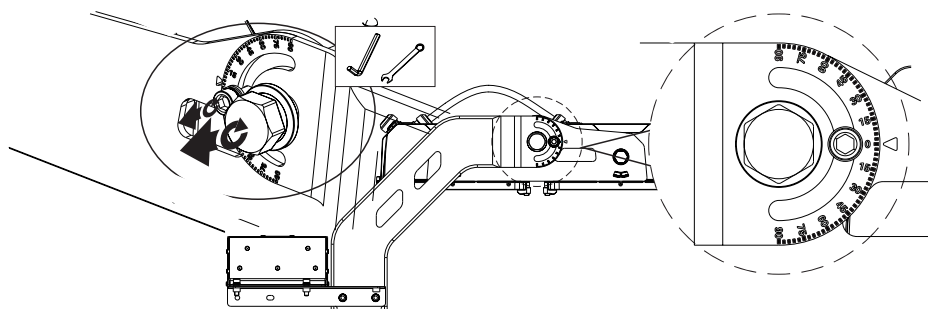
CAP INSTALLATION
(NOT INCLUDED)



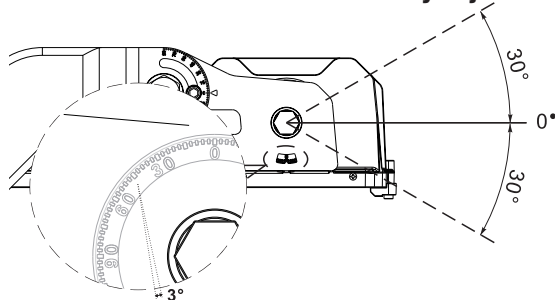
M4
4PCS
1.2 N.m



The bracket can be adjusted



The LED modules can be individually adjusted

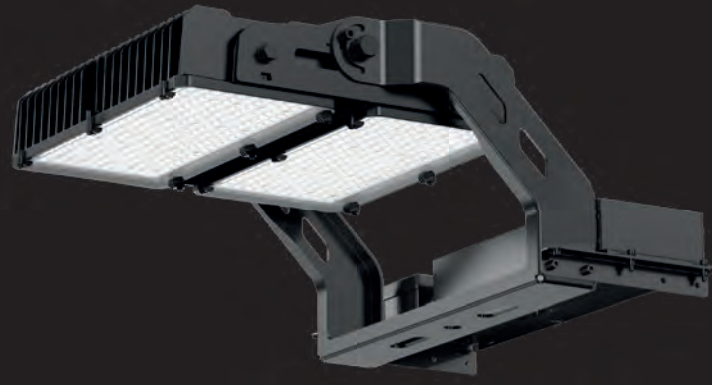


ADJUSTING THE BRACKET

FLOODLIGHT SERIES

Installation manual

SPECTRIS
SPORT



SCX VALUES (WIND LOAD)

SCX (Unit: mm/ inch)	S	Wind direction											Weight	
		a=0°	a=10°	a=20°	a=30°	a=40°	a=50°	a=60°	a=70°	a=80°	a=90°			
600W	S1	0.02m²/0.26ft²	0.04m²/0.46ft²	0.06m²/0.64ft²	0.07m²/0.78ft²	0.09m²/0.97ft²	0.10m²/1.09ft²	0.11m²/1.16ft²	0.12m²/1.25ft²	0.12m²/1.27ft²	0.12m²/1.29ft²	0.12m²/1.29ft²	0.12m²/1.29ft²	≤30kg
	S2	0.12m²/1.29ft²	0.12m²/1.27ft²	0.12m²/1.25ft²	0.11m²/1.16ft²	0.10m²/1.09ft²	0.09m²/0.97ft²	0.07m²/0.78ft²	0.06m²/0.64ft²	0.04m²/0.46ft²	0.02m²/0.26ft²	0.03m²/0.37ft²	0.03m²/0.37ft²	
	S3	0.03m²/0.37ft²	0.06m²/0.61ft²	0.03m²/0.37ft²	0.03m²/0.37ft²	0.03m²/0.37ft²	0.03m²/0.37ft²	0.03m²/0.37ft²	0.03m²/0.37ft²	0.03m²/0.37ft²	0.03m²/0.37ft²	0.03m²/0.37ft²	0.03m²/0.37ft²	
800W	S1	0.03m²/0.37ft²	0.06m²/0.61ft²	0.08m²/0.91ft²	0.11m²/1.19ft²	0.13m²/1.44ft²	0.16m²/1.67ft²	0.17m²/1.83ft²	0.18m²/1.93ft²	0.18m²/1.99ft²	0.18m²/1.99ft²	0.18m²/1.99ft²	0.19m²/2.07ft²	≤46kg
	S2	0.19m²/2.07ft²	0.18m²/1.99ft²	0.18m²/1.93ft²	0.17m²/1.83ft²	0.16m²/1.67ft²	0.13m²/1.44ft²	0.11m²/1.19ft²	0.08m²/0.91ft²	0.06m²/0.61ft²	0.03m²/0.37ft²	0.05m²/0.59ft²	0.05m²/0.59ft²	
	S3	0.05m²/0.59ft²	0.05m²/0.59ft²	0.05m²/0.59ft²	0.05m²/0.59ft²	0.05m²/0.59ft²	0.05m²/0.59ft²	0.05m²/0.59ft²	0.05m²/0.59ft²	0.05m²/0.59ft²	0.05m²/0.59ft²	0.05m²/0.59ft²	0.05m²/0.59ft²	
960W	S1	0.03m²/0.37ft²	0.06m²/0.68ft²	0.1m²/1.04ft²	0.13m²/1.39ft²	0.16m²/1.73ft²	0.18m²/1.97ft²	0.2m²/2.17ft²	0.22m²/2.34ft²	0.22m²/2.44ft²	0.22m²/2.44ft²	0.22m²/2.44ft²	0.22m²/2.44ft²	≤55kg
	S2	0.22m²/2.42ft²	0.22m²/2.44ft²	0.22m²/2.34ft²	0.2m²/2.17ft²	0.18m²/1.97ft²	0.16m²/1.73ft²	0.13m²/1.39ft²	0.1m²/1.04ft²	0.06m²/0.68ft²	0.03m²/0.37ft²	0.06m²/0.68ft²	0.06m²/0.68ft²	
	S3	0.06m²/0.69ft²	0.06m²/0.69ft²	0.06m²/0.69ft²	0.06m²/0.69ft²	0.06m²/0.69ft²	0.06m²/0.69ft²	0.06m²/0.69ft²	0.06m²/0.69ft²	0.06m²/0.69ft²	0.06m²/0.69ft²	0.06m²/0.69ft²	0.06m²/0.69ft²	
1200W	S1	0.03m²/0.37ft²	0.07m²/0.74ft²	0.11m²/1.18ft²	0.15m²/1.59ft²	0.18m²/1.95ft²	0.21m²/2.28ft²	0.24m²/2.55ft²	0.25m²/2.68ft²	0.25m²/2.68ft²	0.25m²/2.68ft²	0.25m²/2.68ft²	0.26m²/2.82ft²	≤65kg
	S2	0.26m²/2.82ft²	0.26m²/2.79ft²	0.25m²/2.68ft²	0.24m²/2.55ft²	0.21m²/2.28ft²	0.18m²/1.95ft²	0.15m²/1.59ft²	0.11m²/1.18ft²	0.07m²/0.74ft²	0.03m²/0.37ft²	0.07m²/0.74ft²	0.07m²/0.74ft²	
	S3	0.07m²/0.76ft²	0.07m²/0.76ft²	0.07m²/0.76ft²	0.07m²/0.76ft²	0.07m²/0.76ft²	0.07m²/0.76ft²	0.07m²/0.76ft²	0.07m²/0.76ft²	0.07m²/0.76ft²	0.07m²/0.76ft²	0.07m²/0.76ft²	0.07m²/0.76ft²	
1500W	S1	0.03m²/0.37ft²	0.08m²/0.91ft²	0.14m²/1.49ft²	0.19m²/2.04ft²	0.24m²/2.54ft²	0.28m²/2.96ft²	0.3m²/3.28ft²	0.33m²/3.53ft²	0.33m²/3.53ft²	0.33m²/3.53ft²	0.33m²/3.53ft²	0.34m²/3.71ft²	≤85kg
	S2	0.34m²/3.71ft²	0.34m²/3.71ft²	0.33m²/3.53ft²	0.3m²/3.28ft²	0.28m²/2.96ft²	0.24m²/2.54ft²	0.19m²/2.04ft²	0.14m²/1.49ft²	0.08m²/0.91ft²	0.03m²/0.37ft²	0.08m²/0.91ft²	0.08m²/0.91ft²	
	S3	0.11m²/1.15ft²	0.11m²/1.15ft²	0.11m²/1.15ft²	0.11m²/1.15ft²	0.11m²/1.15ft²	0.11m²/1.15ft²	0.11m²/1.15ft²	0.11m²/1.15ft²	0.11m²/1.15ft²	0.11m²/1.15ft²	0.11m²/1.15ft²	0.11m²/1.15ft²	
1800W	S1	0.03m²/0.37ft²	0.06m²/1.02ft²	0.16m²/1.71ft²	0.22m²/2.36ft²	0.27m²/2.95ft²	0.32m²/3.41ft²	0.35m²/3.79ft²	0.38m²/4.07ft²	0.38m²/4.07ft²	0.38m²/4.07ft²	0.38m²/4.07ft²	0.39m²/4.28ft²	≤98kg
	S2	0.4m²/4.28ft²	0.39m²/4.22ft²	0.38m²/4.07ft²	0.35m²/3.79ft²	0.32m²/3.41ft²	0.27m²/2.95ft²	0.22m²/2.36ft²	0.16m²/1.71ft²	0.09m²/1.02ft²	0.03m²/0.37ft²	0.09m²/1.02ft²	0.09m²/1.02ft²	
	S3	0.11m²/1.21ft²	0.11m²/1.21ft²	0.11m²/1.21ft²	0.11m²/1.21ft²	0.11m²/1.21ft²	0.11m²/1.21ft²	0.11m²/1.21ft²	0.11m²/1.21ft²	0.11m²/1.21ft²	0.11m²/1.21ft²	0.11m²/1.21ft²	0.11m²/1.21ft²	

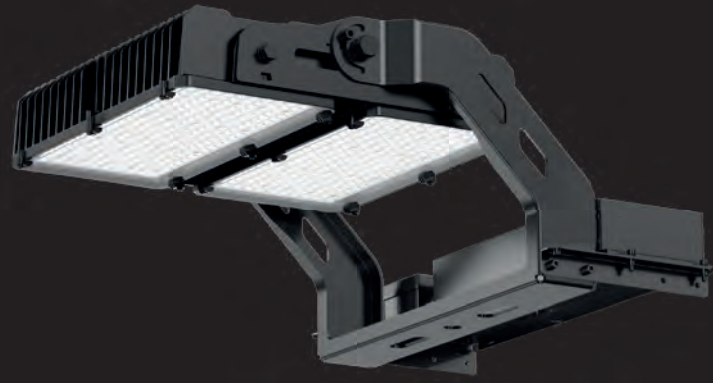
These data refer to the most unfavourable case at the angle indicated.
For other inclinations - please contact us.

SPECTRIS
SPORT

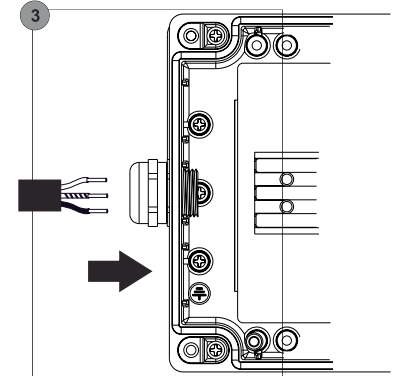
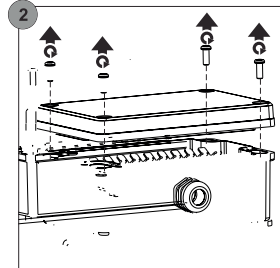
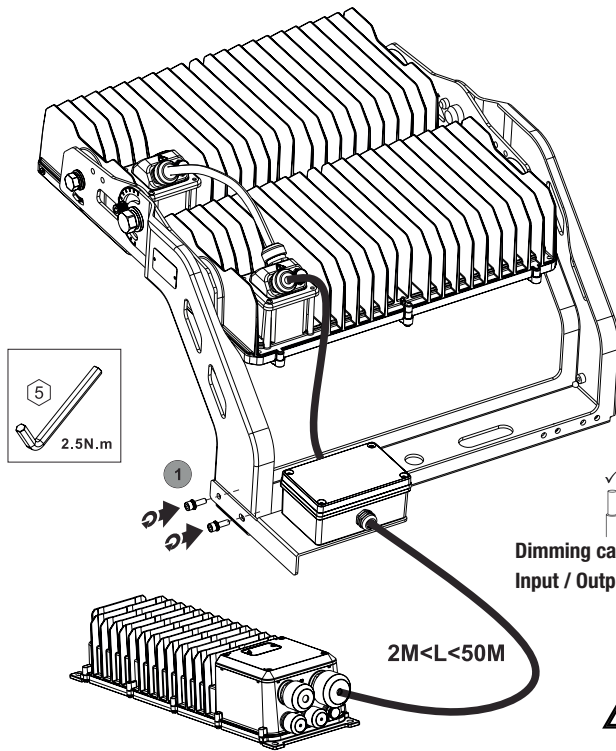
FLOODLIGHT SERIES

Installation manual

SPECTRIS
SPORT

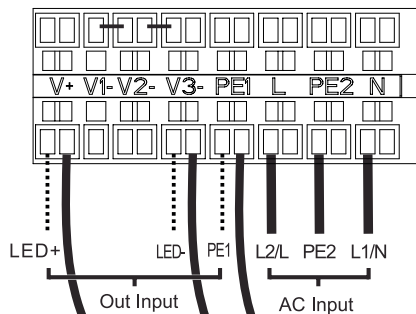


SEPARATE JUNCTION BOXES

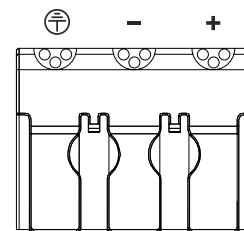


Cable not included

		Cable diameter	Maximum supported voltage
L<25m	3G1.5mm ²	Ø8-12	600V
L<50m	3G2.5mm ²	Ø8-12	600V



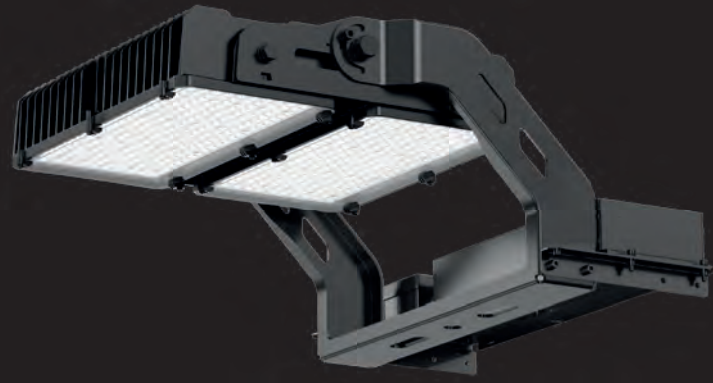
Cable not included



FLOODLIGHT SERIES

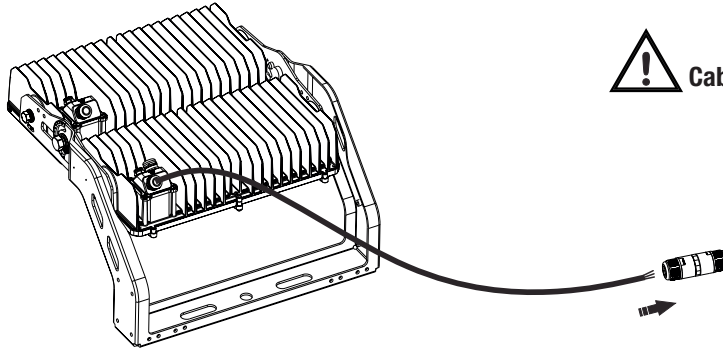
Installation manual

SPECTRIS
SPORT



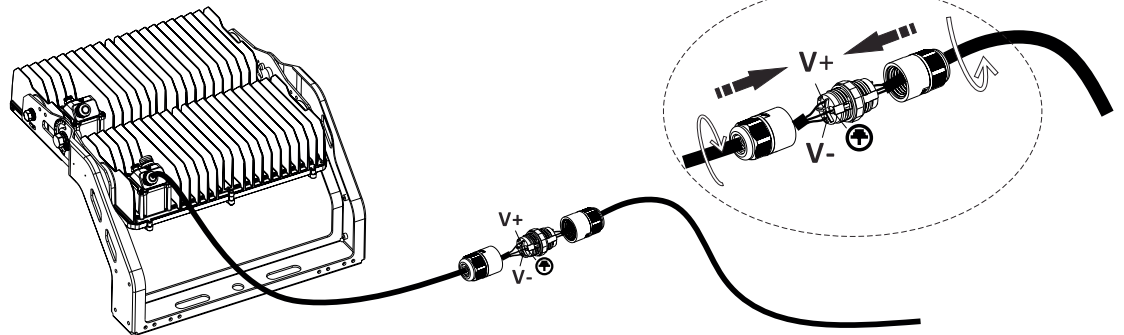
ELECTRICAL CONNECTION OF THE LUMINAIRE

①

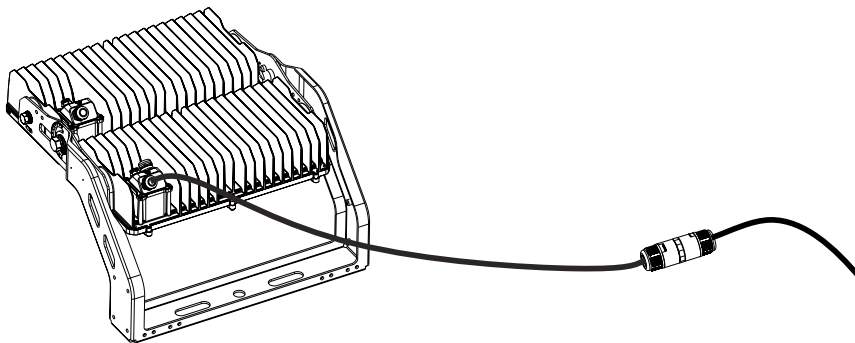


 Cable not included

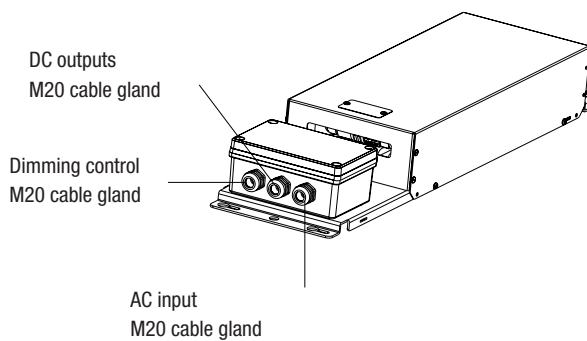
②



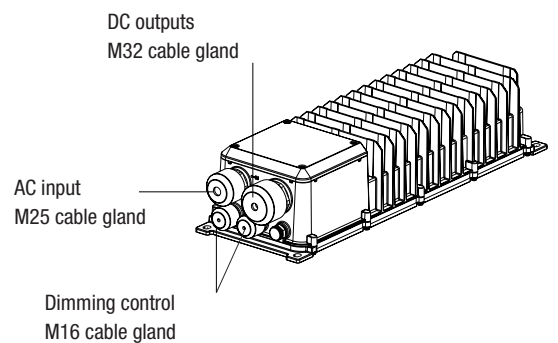
③



600W-1200W



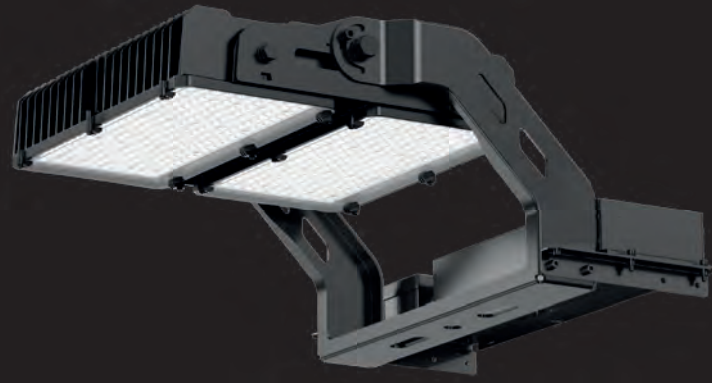
1500W-1800W



FLOODLIGHT SERIES

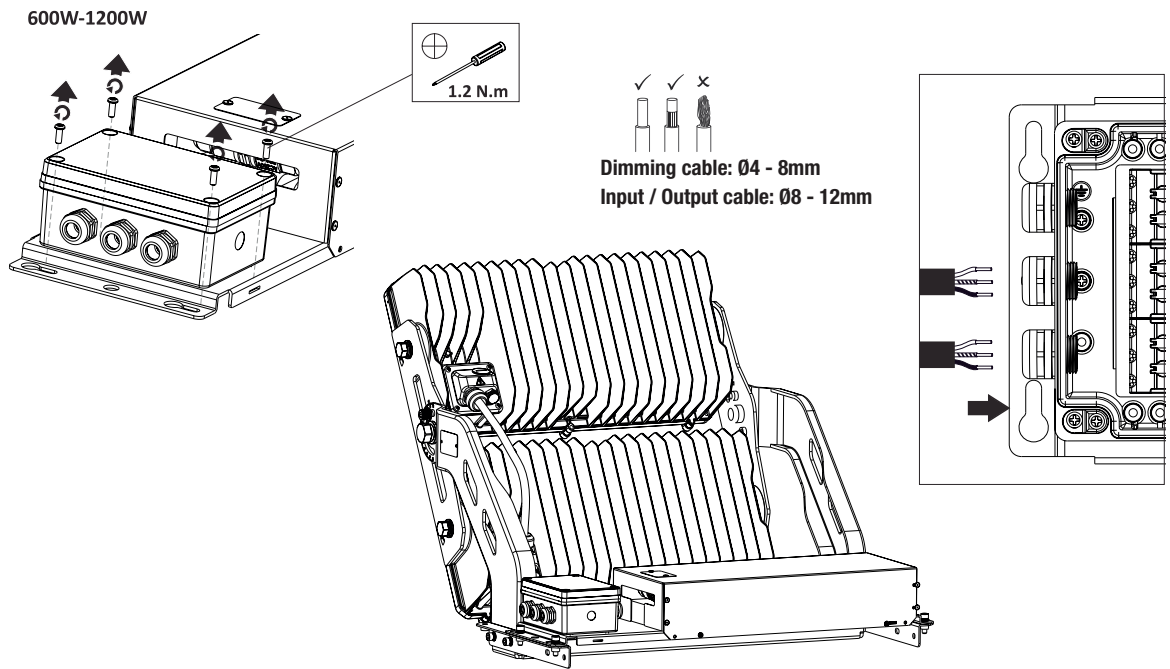
Installation manual

SPECTRIS
SPORT

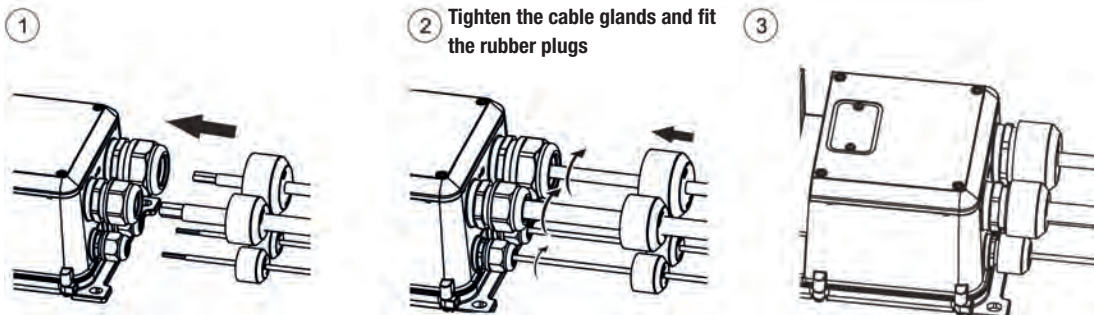


ELECTRICAL CONNECTION OF THE LUMINAIRE

Sealed cable gland		Ømin (mm)	Ømax (mm)	Torque	Maximum supported voltage	Rated current	Connector size (mm ²)
DIM	M16	Ø5	Ø8.5	2.5 Nm	600V	20A	0.5mm ² -1.0mm ²
	M20	Ø5	Ø8.5	7.5 Nm	450V	23A	0.5mm ² -1.0mm ²
AC Input	M20	Ø8	Ø12	7.5 Nm	450V	23A	1.5mm ² -2.5mm ²
	M25	Ø13	Ø18	7.5 Nm	600V	20A	1.5mm ² -2.5mm ²
DC Output	M20	Ø8	Ø12	7.5 Nm	450V	23A	1.5mm ² -2.5mm ²
	M25	Ø10	Ø13	7.5 Nm	600V	20A	1.5mm ² -2.5mm ²
	M32	Ø10	Ø13	8 Nm	600V	20A	1.5mm ² -2.5mm ²



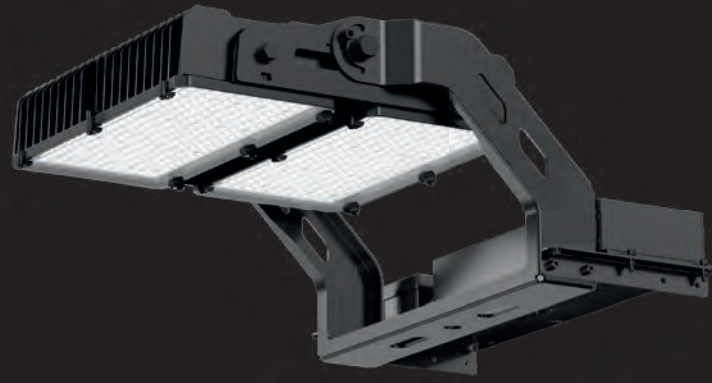
Add rubber stoppers to improve the sealing ability of the cable glands.



FLOODLIGHT SERIES

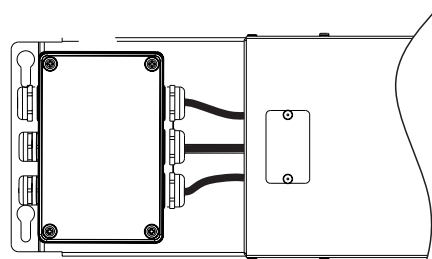
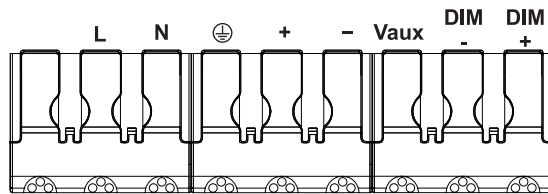
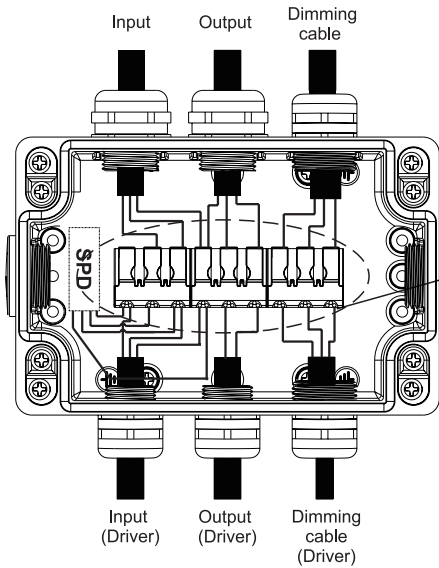
Installation manual

SPECTRIS
SPORT

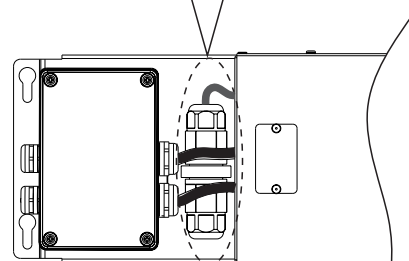
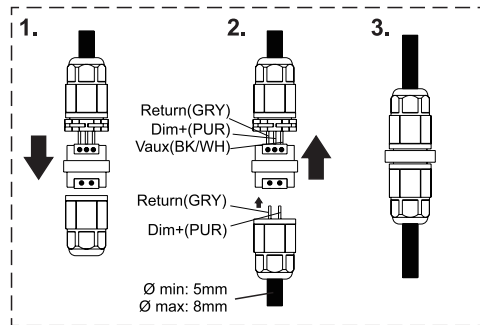
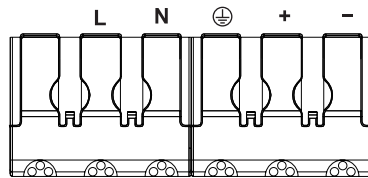
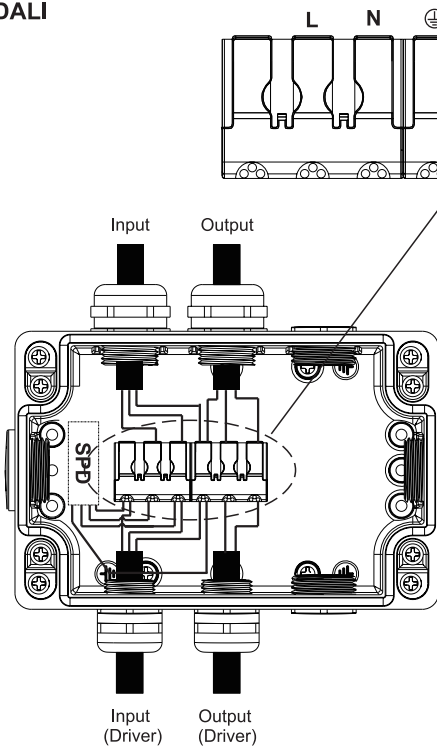


ELECTRICAL CONNECTION OF THE LUMINAIRE

0-10V Dimmable



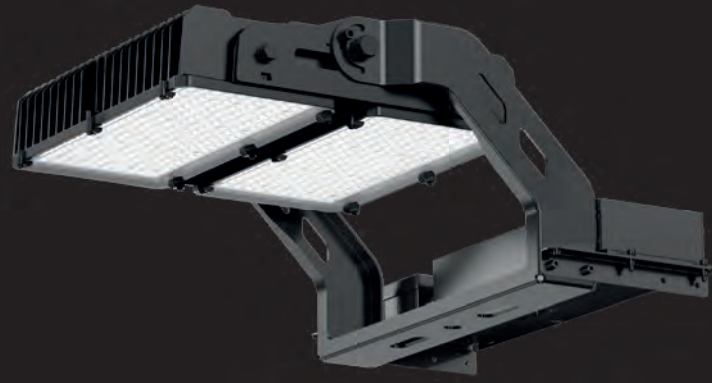
DALI



FLOODLIGHT SERIES

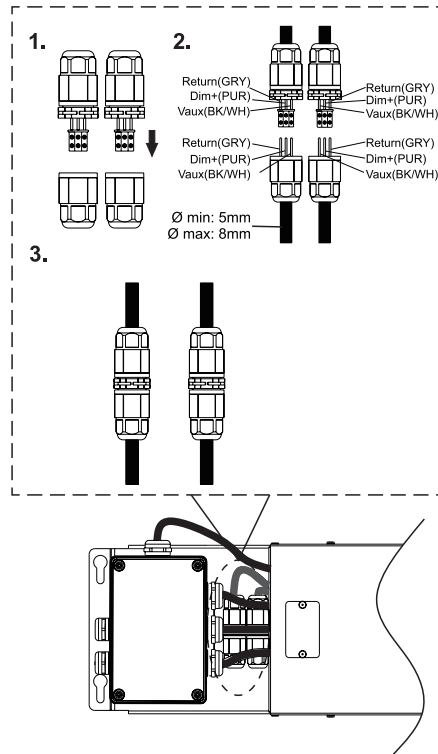
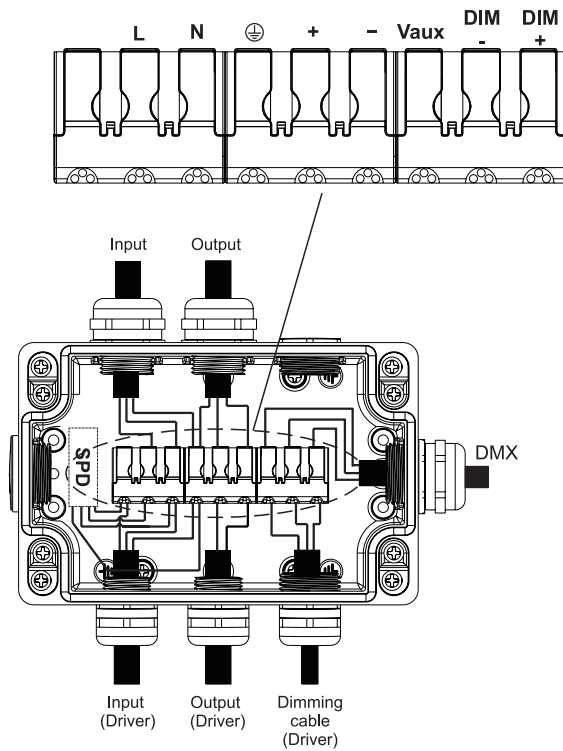
Installation manual

SPECTRIS
SPORT



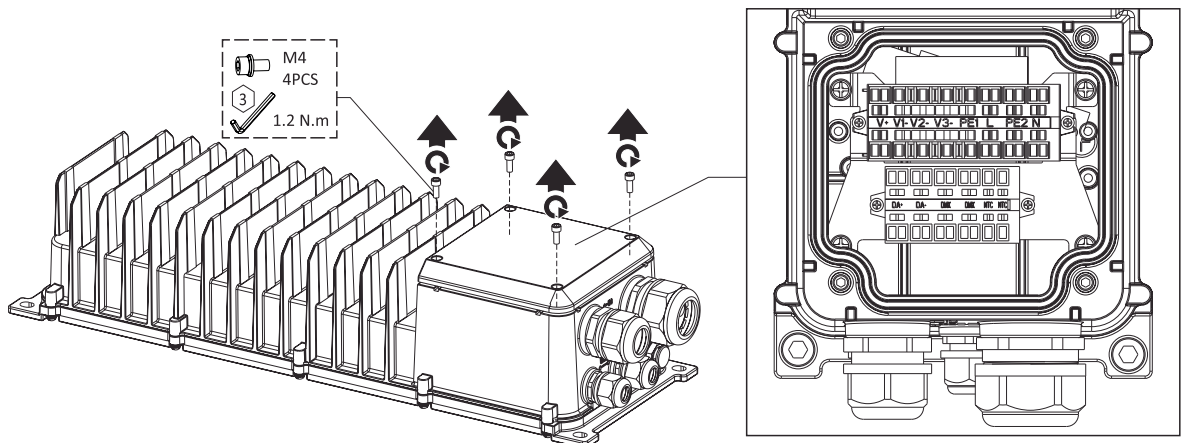
ELECTRICAL CONNECTION OF THE LUMINAIRE

DMX



1500W-1800W

①

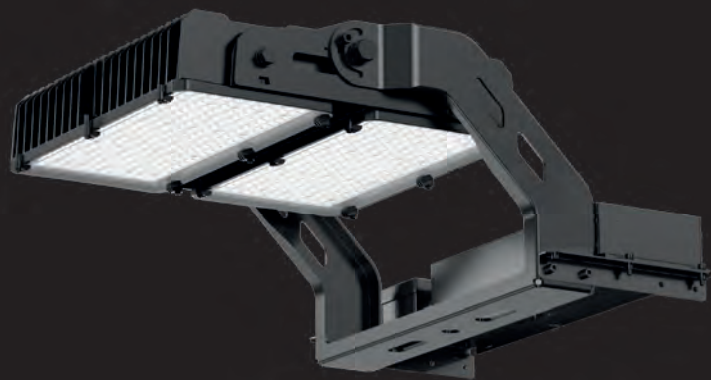


SPECTRIS
SPORT

FLOODLIGHT SERIES

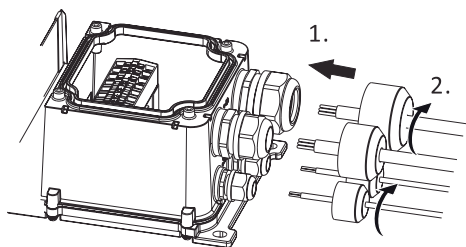
Installation manual

SPECTRIS
SPORT

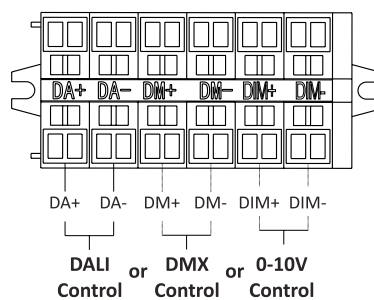
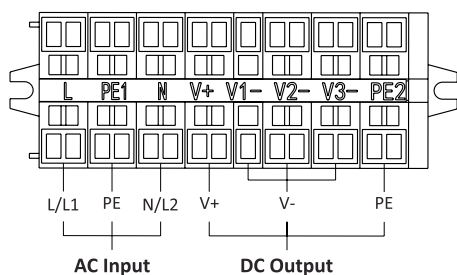
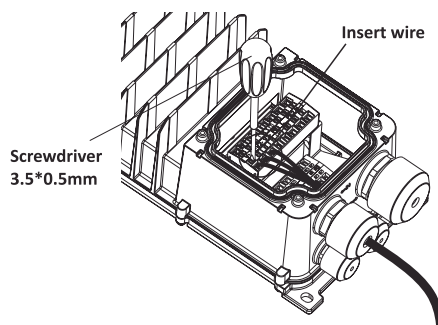


ELECTRICAL CONNECTION OF THE LUMINAIRE

②

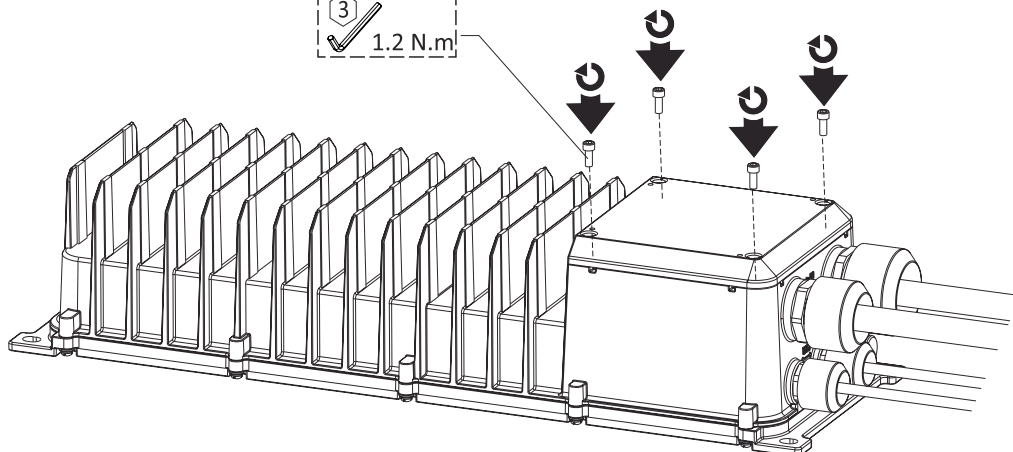


③



④

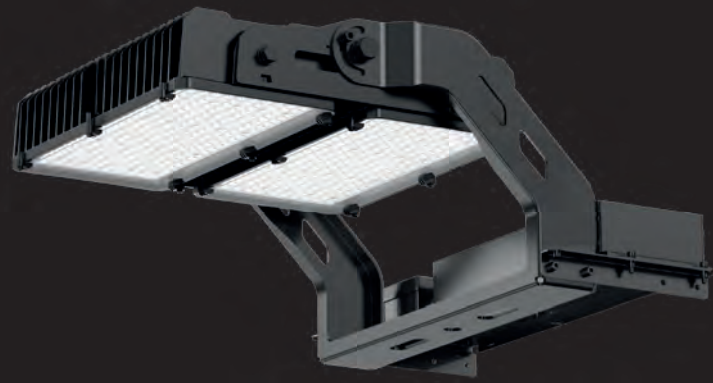
M4
4PCS
3
1.2 N.m



FLOODLIGHT SERIES

Installation manual

SPECTRIS
SPORT



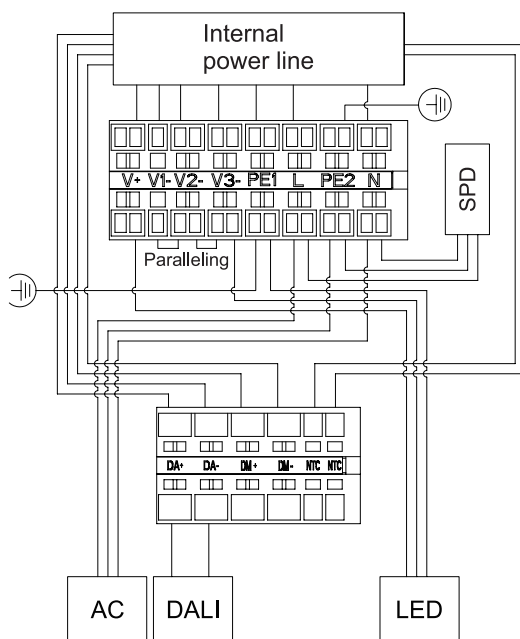
ELECTRICAL CONNECTION OF THE LUMINAIRE

REMINDER

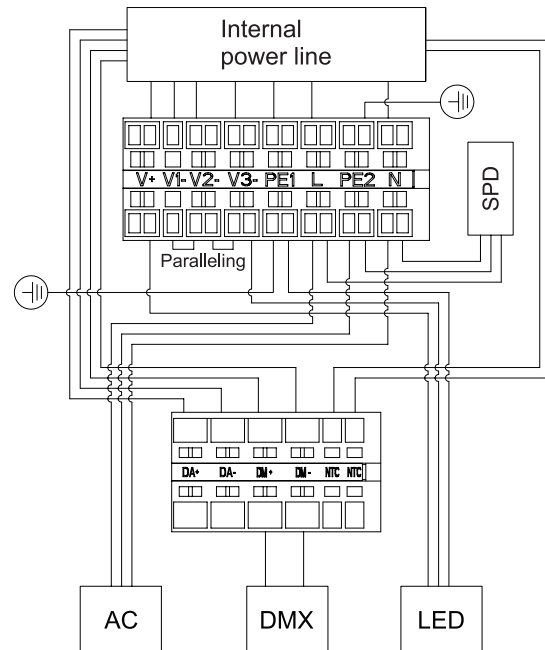
The supply voltage for the drivers is 200-420 VAC (see table p13).
It is not necessary to transform the three-phase supply into single-phase to connect the drivers.

IF THERE IS NO VARIATION, DO NOT CONNECT THE DALI / 0-10V OR DMX.

DALI & 0-10V Dimmable

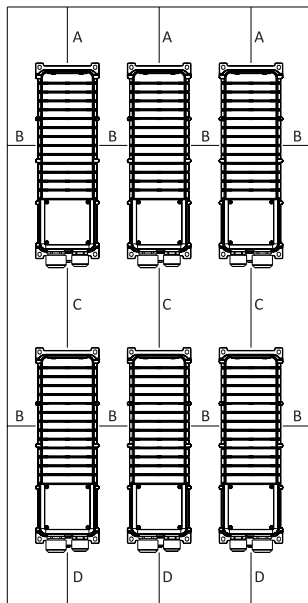


DMX



MINIMUM DISTANCE BETWEEN EACH DRIVER

When driver boxes are installed in a confined space, a minimum distance must be respected between each driver. Make sure that the temperature does not exceed the nominal operating temperature of the products. Please refer to the installation instructions below.



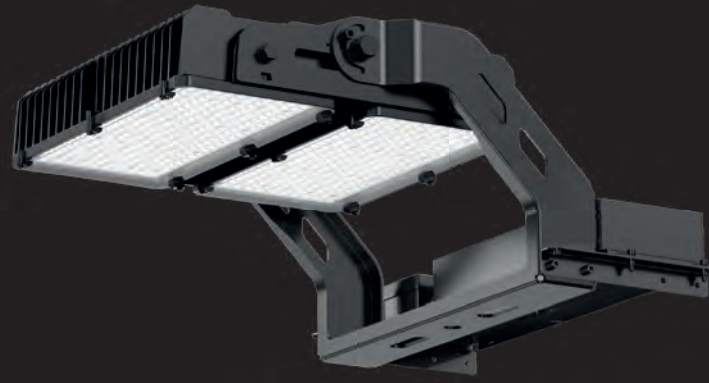
Each power supply must be installed in a vertical position in a confined space.

ITEM	DISTANCE
A	Min 80 mm
B	Min 80 mm
C	Min 120 mm
D	Min 150 mm

FLOODLIGHT SERIES

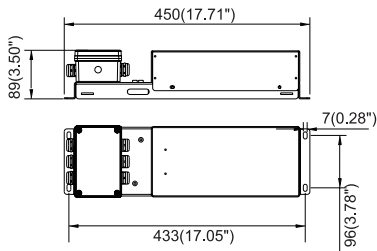
Installation manual

SPECTRIS
SPORT

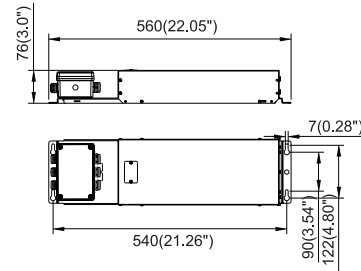


MINIMUM DISTANCE BETWEEN EACH DRIVER

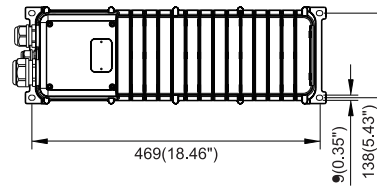
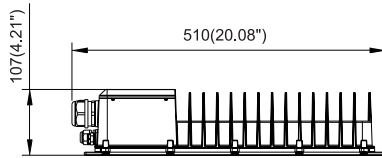
600W



800W-1200W



1500W-1800W



QUANTITY OF PRODUCTS ACCORDING TO CIRCUIT-BREAKERS

Please note: these are nominal values which only consider the circuit breaker type used. The number of admissible products will also change according on the overall electrical installation (cable cross-section, contactor, etc.).

Lamp Type	MCB Type	Input Voltage	Quantity
600W	MCB B 16 Type	200 - 420VAC	2
	MCB B 32 Type	200 - 420VAC	5
	MCB C 16 Type	200 - 420VAC	4
	MCB C 32 Type	200 - 420VAC	9

Lamp Type	MCB Type	Input Voltage	Quantity
800W	MCB B 16 Type	200 - 420VAC	2
	MCB B 32 Type	200 - 420VAC	5
	MCB C 16 Type	200 - 420VAC	3
	MCB C 32 Type	200 - 420VAC	7

Lamp Type	MCB Type	Input Voltage	Quantity
960W	MCB B 16 Type	200 - 420VAC	1
	MCB B 32 Type	200 - 420VAC	3
	MCB C 16 Type	200 - 420VAC	1
	MCB C 32 Type	200 - 420VAC	3

Lamp Type	MCB Type	Input Voltage	Quantity
1200W	MCB B 16 Type	200 - 420VAC	1
	MCB B 32 Type	200 - 420VAC	3
	MCB C 16 Type	200 - 420VAC	1
	MCB C 32 Type	200 - 420VAC	3

FLOODLIGHT SERIES

Installation manual

SPECTRIS
SPORT

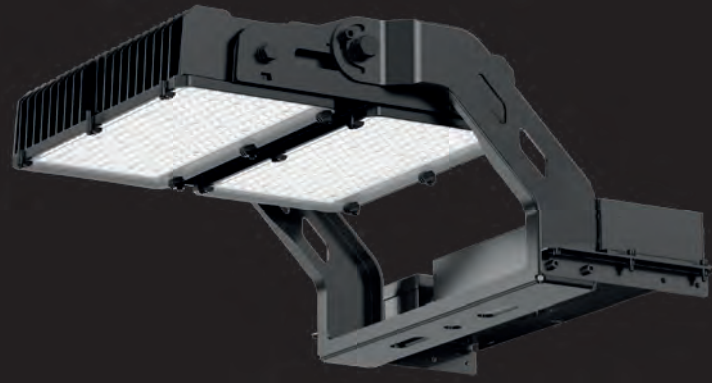


TABLE OF NUMBER OF PRODUCTS
ACCORDING TO CIRCUIT-BREAKERS

Lamp Type	MCB Type	Input Voltage	Quantity
960W	MCB B 16 Type	200 - 420VAC	1
	MCB B 32 Type	200 - 420VAC	3
	MCB C 16 Type	200 - 420VAC	1
	MCB C 32 Type	200 - 420VAC	3

Lamp Type	MCB Type	Input Voltage	Quantity
1200W	MCB B 16 Type	200 - 420VAC	1
	MCB B 32 Type	200 - 420VAC	3
	MCB C 16 Type	200 - 420VAC	1
	MCB C 32 Type	200 - 420VAC	3

Lamp Type	MCB Type	Input Voltage	Quantity
1500W	MCB B 16 Type	200 - 420VAC	1
	MCB B 32 Type	200 - 420VAC	3
	MCB C 16 Type	200 - 420VAC	1
	MCB C 32 Type	200 - 420VAC	3

Lamp Type	MCB Type	Input Voltage	Quantity
1800W	MCB B 16 Type	200 - 420VAC	1
	MCB B 32 Type	200 - 420VAC	3
	MCB C 16 Type	200 - 420VAC	1
	MCB C 32 Type	200 - 420VAC	3

Thank for your purchase!

Please read the entire manual before starting installation and keep it for next projects.

1. Do not modify or disassemble the luminaire or replace any accessories without the supplier's autorisation.
2. Only qualified personnel should install the luminaires and ensure that they follow the manual. Incorrect installation may cause rendering or operating problems.
3. Please switch off the power supply before installation and before any maintenance of the product to avoid any risk of electrification of someone.
4. If the luminaire begins to emit smoke or a peculiar odour, please switch off the power supply immediately to avoid the risk of fire or electrification.
5. If the product's external cables or hoses are damaged, they must be only replaced by the product supplier or a qualified person.
6. the light source of the product must only be replaced by the supplier or a qualified person.
7. We suggest installing a a surge protector in the division box or at the bottom of matsts to ensure longer lifetime.

Applications

1. The product is designed to illuminate parks, sports fields, exhibition centres or similar locations. For installation outside these areas, please contact your supplier.
2. The accumulation of dust on the product will reduce its ability to evacuate heat. This will cause excess heat which will directly affect the LEDs. For use in dusty environments, we recommend regular cleaning to ensure the proper functioning and lifespan of the product.

REMINDER

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