CLS JADE B SERIES

Manual   V1.2 - March 2025

INDEX

SAFETY INFORMATION

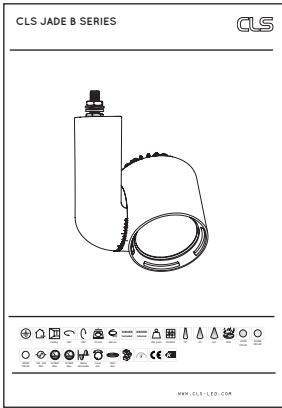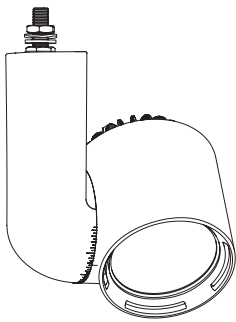|		
Do not stare into the LED	Ambiance Max. 40°	Qualified technician	Disconnect the power supply before installing or maintaining
Make sure all connectors are connected properly	Use a source of AC power that complies to local electrical codes	Block access below the work area when maintaining the unit	Don't modify or install genuine parts on this product	Don't install in a flammable or explosive area	Warning! Some surfaces can be hot

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CONTENT

+

Ceiling 360° 350° 10 mm 200 cm DRIVER Included DRIVER Internal 780 gram 50.000 h 19° 37° 63° IP20 2700K CRI>90 3000K CRI>90
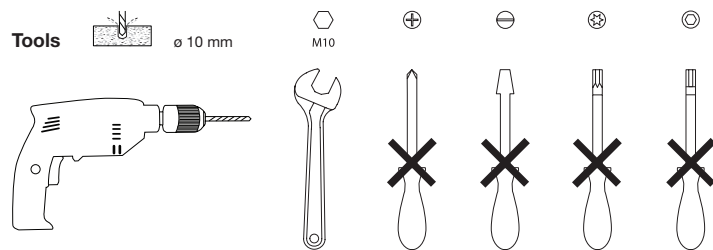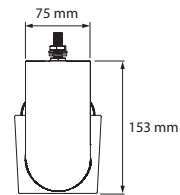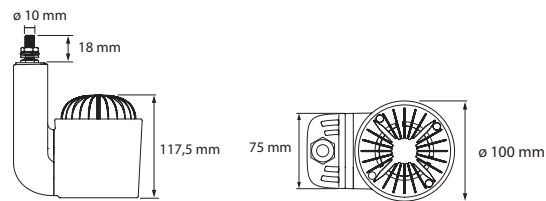
4000K CRI>90 100 - 240 VAC 20 Watt Max. 30 Watt Max. Mains dimmable Local dim DALI dim 5 YEARS WARRANTY CE A+

ø 10 mm

18 mm

117,5 mm

75 mm

ø 100 mm

75 mm

153 mm

Tools ø 10 mm

M10

SPECIFICATIONS

LED:	High power
Available colours:	CRI 90: 2700K, 3000K & 4000K
Beam angle:	19°, 37° or 63°
Power supply:	100 ~ 240 VAC
Power consumption:	Max. 20 Watt (2000 lumen)
	Max. 30 Watt (3500 lumen)
	Max. 40 Watt (3850 lumen)
Housing:	Black, grey or white PC (PC-ABS V0)
	Heatsink black, grey or white coated aluminium
Weight:	780 gram
Cable Length:	200 cm
IP value:	IP20
Measurements:	171 x 100 x 100 mm (hxwxd)
Ambient temperature:	–10° C till +40° C

1 *Install example aluminium cable tray*

ø 10 mm

2

3

L = Brown
⏚ = Yellow/green
N = Blue

4

M10

5

360°

350°

Position
indicator

6
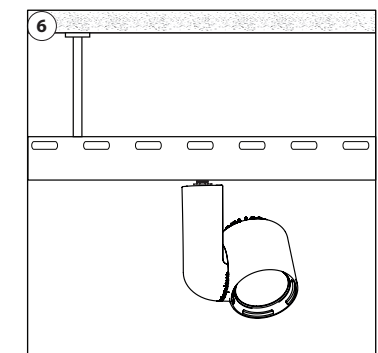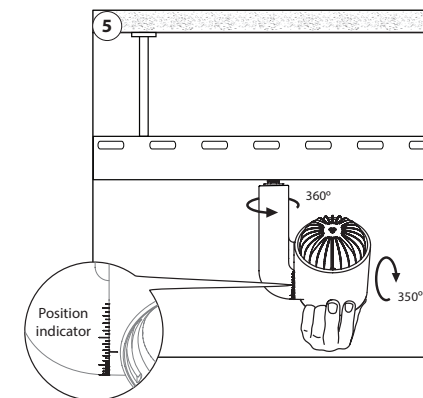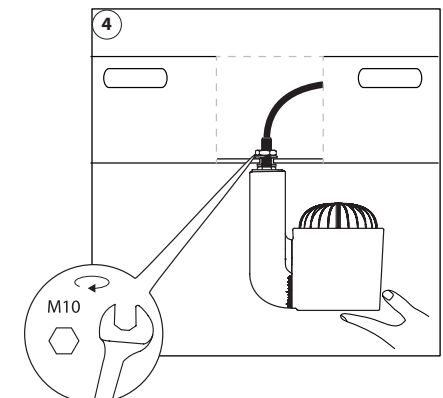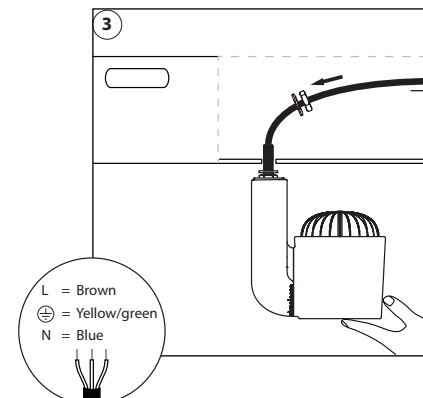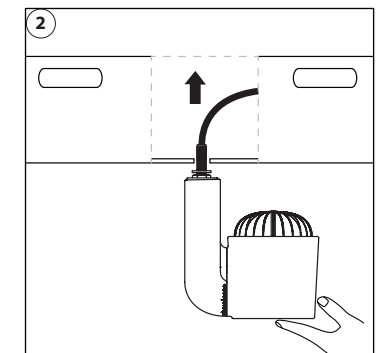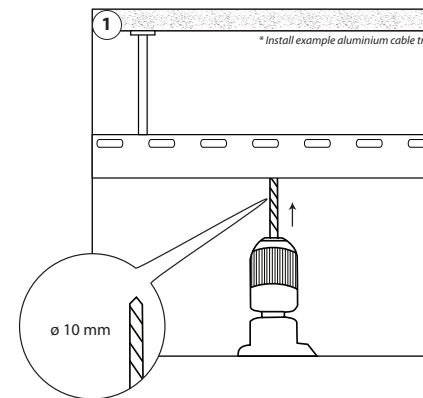
LIST OF SYMBOLS

Protection class
One, two or three

Application area
Indoor or outdoor

Application area
Floor, wall or ceiling

Swivel
Fixture is horizontally rotatable,
indicated in degrees

Swivel
Fixture is vertically rotatable,
indicated in degrees

Multiple connection
Daisychain connectivity

Installation depth
In centimeters

Installation size
In centimeters

Cable length
Maximum cable attached
to the fixture in centimeters

Driver
Inclusive or exclusive
Internal or external

Weight
In grams/kilograms

Pressure
Maximum pressure on the
fixture in kg/cm²

Lifespan
Of the light source in hours

Lenses
Availble lenses,
indicated in degrees

Performance Zoom
Adjustable beam angle

LEDs
Kind of LED used in the
fixture

Plug & play
Easy connection using the
SmartConnect system

IP value
Ingress Protection classifies the
degrees of protection provided against
the intrusion of the product

Colour changing
RGB, RGB-W, RGB-A,
AWB or Tunable White

Retail & Food LED modules
Clothing, furniture, kitchens, jewellery,
shoes, bread, meat, fish and
vegetables & fruit.

Colour
Available colours;
Amber, blue, red or green

White colour temperature
In different Kelvin values;
Cold white, neutral white, warm
white or extra warm white

Curve
Minimal bending curve
in centimeters

Cutting length
Indicated by the cutting
marks

LED pitch
Pitch between the LEDs
in millimeters

Power supply
In VDC, VAC or milliAmpere

Power consumption
In VA or Watt

Dimmable
1-10 Volt, Phase, individual,
DMX dimmable or DALI

PWM dimming
Traditional PWM dimming, DMX analog
or DMX Hybrid dim

Bluetooth controlled
By Casambi

Magno dimming
Accurate dimming from
100 - 1% by using a magnet

Dynamic Control
Dynamic Power Control or
Dynamic Temperature Control

DMX input
Fixture works on DMX512
protocol or Wireless DMX

Combined product
Compose your own fixture

Warranty
3 or 5 years warranty on
the product

Conformité Européenne
CE marking for free marketability
of industrial goods within the EU

Energy label

Lightsource
Equipped with a CLS, Bridgelux or a
Xicato LED module