

**I KLAUS
KLS60-20**

Waterproof lighting fixture with
20W led strip 600mm



HIGH EFFICIENCY
122 lm/W

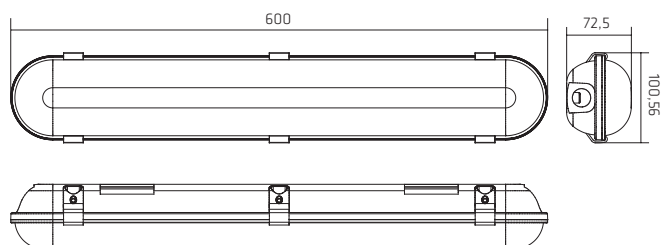


TRIDONIC

SPECIFICATIONS · PRODUCT DATA

Electrical data	
Input	220 ~ 240 Vac
Mains frequency	50/60Hz
Power	20 W
Power factor	>0,9
LEDs n°	48 chips LED
LED power	0,42 W
IEC protection class	Class I
Photometric data	
Luminous efficiency	122 lm/W
CRI (Ra)	> 80
Luminous lux (Nominal / Real) CCT	2650lm · 2446lm · 5700K · BF 2650lm · 2446lm · 4000K · BN
Luminous intensity	822 cd
SDCM Standard deviation colour adjustment	<3
Degree of opening	120°
Working Temp.	-10°C ~ +50°C
Switchovers n°	30.000
Certifications	CE, RoHS
Energy efficiency	A+
Working life	50.000 (L70B10)
Materials and physical characteristics	
Body	PC
Diffuser	PC
Finish	Gray RAL 7035
Measurements in mm (length x width x height)	600 X 100,56 X 72,5
Weight (g)	800
Characteristics	
IP Rating	IP65
IK Rating	IK08
Options	
Dimming option	Optional (see option table)
Emergency kit option	Optional (KEU603)
Sensor movement option	Optional (Internal MC605V/D) Optional (External SC65D)
Packaging	
Packaging measurements	635 X 215 X 320
Packaging weight (kg)	7,5
Units (units/box)	8 units

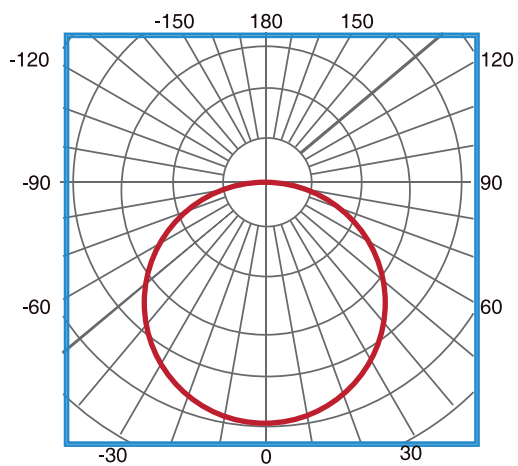
Measurements in mm








Optics

Beam angle 120°

H (m)	Diameter (m)	E _{max} (lx)
1	3.08	553
2	5.05	206
3	7.57	91
4	10.09	51



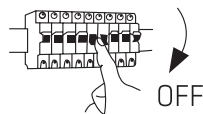
References

		W				CCT	CRI
KLS60-20BF	RAL 7035	20 W	2650 lm	2446 lm	120°	BF: 5700K	> 80
KLS60-20BN	RAL 7035	20 W	2650 lm	2446 lm	120°	BN: 4000K	> 80

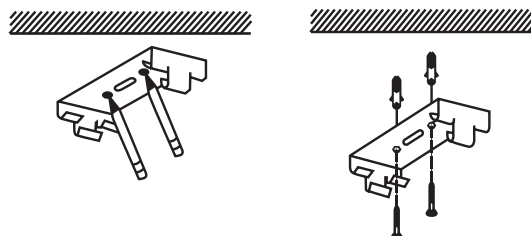
Dimming options

	Dimming
D110	0/1-10V dimming
DA	DALI Dimming and button dimming

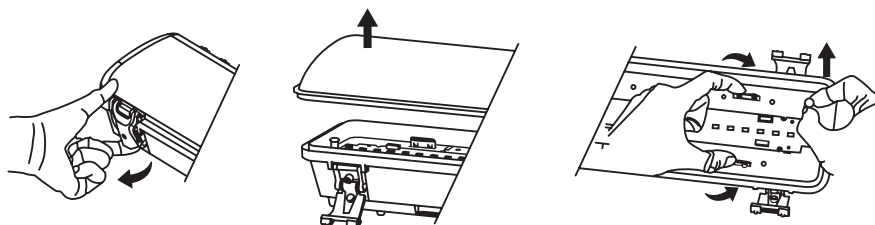
Installation



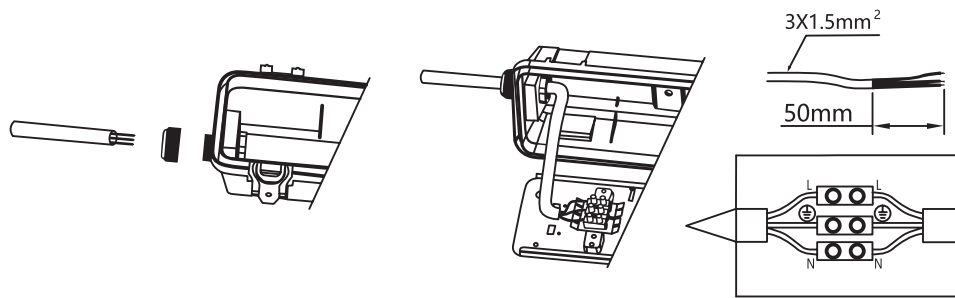
Disconnect the supply voltage before starting the installation



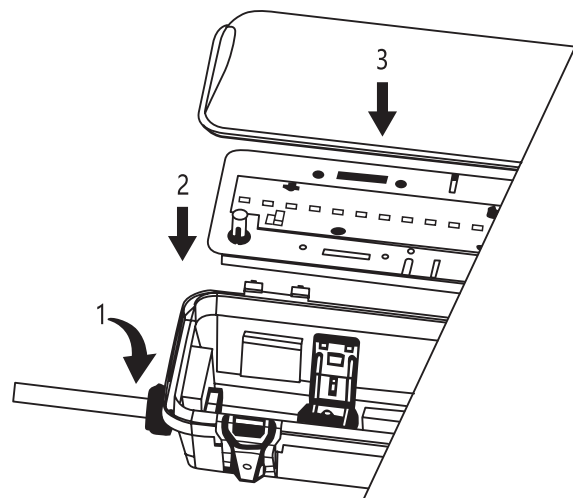
Mark the fixing holes of the anchors of the fixture for installation. Fix the anchor using the necessary accessories.



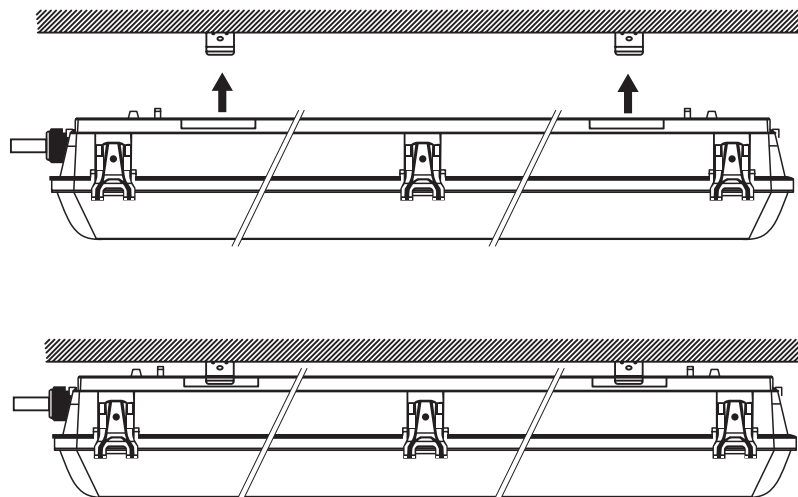
Firstly open the clips as shown in the picture. Secondly take off the diffuser to get access to the inside of the fixture. Apply pressure on the stainless steel fixators and remove the metal tray.



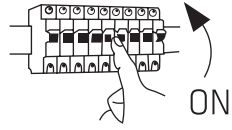
Loosen the nut of the cable gland and put the cable through the cable gland. Connect the cable on the terminal block as shown on the picture.



Tighten cable gland. Fix metal tray within the housing. Close the diffuser.



Fix the lamp on the wall.



Reconnect the power supply.

