

THREELINE

NEW

KLAUS^{KLS} TAKAT^{TKT}

WATERPROOF
LED FIXTURES



ThreelineGroup.com



KLAUS^{PRO} KLS

WATERPROOF LED FIXTURE

Up to real
200 lm/W 

With a handy design and standard 60, 120 and 150 cm sizes, this luminaire has different customisation options regarding dimming (1-10v, Dali or Push), motion sensor and emergency kit options.

Besides, the product integrates a TRIDONIC driver.

KLAUS main features are up to 200 lm/W real efficiency, easy installation, a high resistance to impacts of IK08 and IP65 ingress protection.

The semitransparent polycarbonate diffuser, as opposed to opal, constitutes a differentiating factor as compared to the rest in the LED market by providing an optimal light transmission factor.

Our design allows light to be uniform, thus avoiding shadows and glare.

20W 40W 55W



KLAUS FEATURES

Stainless steel clamp
surface installation.

150 cm

55W 25W

High quality
polycarbonate body. IK08

120 cm

40W 20W

High quality semi-clear
polycarbonate diffuser. IK08

60 cm

20W

Stainless steel clips.

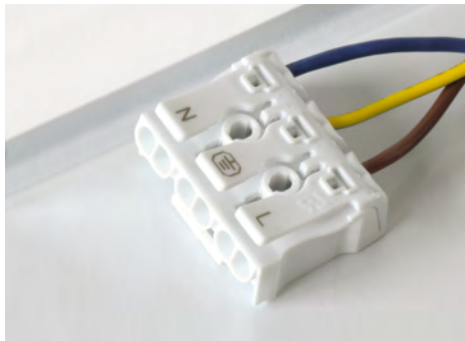
Real 120 lm/W integrated LED module.
Possibility to customise the efficiency
up to real 200 lm/W.



PG13.5 Sealed connector.



TRIDONIC Driver.



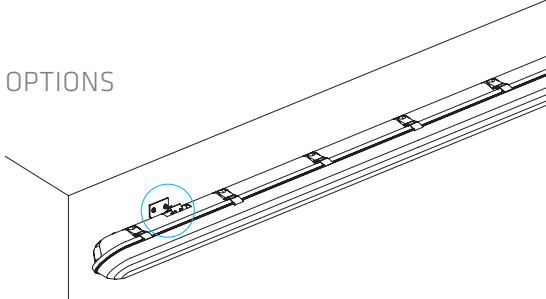
Quick connector.



Suspension mounting clamp.



AESKL540



40° Wall mounting accessory.

KLAUS OPTIONS

KLAUS OPTIONS



Emergency kit.



Internal motion sensor.



External motion sensor with remote control to change the settings.

	CCT		W	KE		
KLS60-20BF	5700K	600 mm	20 W	KLS60-20KEBF	KLS60-20SMBF	KLS60-20SCBF
KLS60-20BN	4000K	600 mm	20 W	KLS60-20KEBN	KLS60-20SMBN	KLS60-20SCBN
KLS120-40BF	5700K	1200 mm	40 W	KLS120-40KEBF	KLS120-40SMBF	KLS120-40SCBF
KLS120-40BN	4000K	1200 mm	40 W	KLS120-40KEBN	KLS120-40SMBN	KLS120-40SCBN
KLS150-55BF	5700K	1500 mm	55 W	KLS150-55KEBF	KLS150-55SMBF	KLS150-55SCBF
KLS150-55BN	4000K	1500 mm	55 W	KLS150-55KEBN	KLS150-55SMBN	KLS150-55SCBN

KLAUS DIMMING OPTIONS



	CCT		PUSH	DALI	1-10V
KLS60-20BF	5700K	600 mm	KLS60-20DABF		KLS60-20D110BF
KLS60-20BN	4000K	600 mm	KLS60-20DABN		KLS60-20D110BN
KLS120-40BF	5700K	1200 mm	KLS120-40DABF		KLS120-40D110BF
KLS120-40BN	4000K	1200 mm	KLS120-40DABN		KLS120-40D110BN
KLS150-55BF	5700K	1500 mm	KLS150-55DABF		KLS150-55D110BF
KLS150-55BN	4000K	1500 mm	KLS150-55DABN		KLS150-55D110BN

KLAUS CONNECTION OPTIONS



Connection on both sides.



Quick connection on one side.



Quick connection on both sides.



	CCT				
KLS60-20BF	5700K	600 mm	KLS60-20ALBF	KLS60-20CR1BF	KLS60-20CR2BF
KLS60-20BN	4000K	600 mm	KLS60-20ALBN	KLS60-20CR1BN	KLS60-20CR2BN
KLS120-40BF	5700K	1200 mm	KLS120-40ALBF	KLS120-40CR1BF	KLS120-40CR2BF
KLS120-40BN	4000K	1200 mm	KLS120-40ALBN	KLS120-40CR1BN	KLS120-40CR2BN
KLS150-55BF	5700K	1500 mm	KLS150-55ALBF	KLS150-55CR1BF	KLS150-55CR2BF
KLS150-55BN	4000K	1500 mm	KLS150-55ALBN	KLS150-55CR1BN	KLS150-55CR2BN

Stainless steel clamp
for surface installation.

High quality
polycarbonate body.  **IK08**

TAKAT TKT

WATERPROOF LED FIXTURE

 5700K

 4000K

 **IP65**

 **IK08**

 120°

 **5**
YEARS
WARRANTY

20W

40W

55W

Real 130 lm/W 

Is the new solution for compact waterproof LED fixtures by THREELINE. Available in 3 sizes and powers, it is characterised by its easy installation, degree of protection IP65 and an real efficiency of 130 lm/W.

One of its most remarkable attributes is the **diffuser**, made of **semi-clear polycarbonate**, distinguishing itself from many others in the market getting an optimal coefficient of light transmission.

The fluted design of the diffuser provides a uniform light, preventing shadows from appearing and also avoiding glare; all of this without harming the luminous flux.

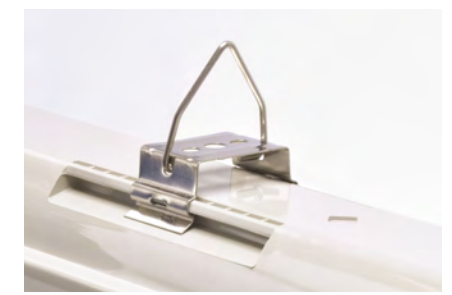
60 cm

120 cm

150 cm

TAKAT FEATURES

High quality semi-clear
polycarbonate diffuser.  **IK08**



Support for suspension mounting.



Internally wired to allow linear connection.

Quick connection on both sides.



Real 130 lm/W integrated LED module.



KLAUS KLS



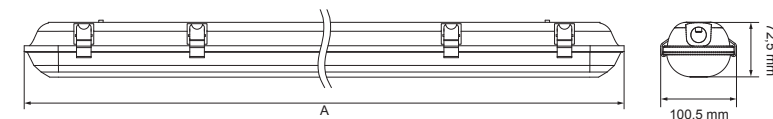
- ✓ Power: 20W, 40W, 55W.
- ✓ CCT: 5700K, 4000K.
- ✓ Driver: TRIDONIC.
- ✓ Efficiency: Up to real 200 lm/W.
- ✓ Beam angle: 120°.
- ✓ Protection rating: IP65, IK08.
- ✓ Dimming systems: 1-10V, DALI y Push.
- ✓ Accessories: Emergency kit, internal and external motion sensor.
- ✓ Connections: Internal quick connector.
- ✓ Body and diffuser: Polycarbonate.
- ✓ Warranty: 5 years.

TAKAT TKT



- ✓ Power: 20W, 40W, 55W.
- ✓ CCT: 6000K, 4000K.
- ✓ Efficiency: Real 130 lm/W.
- ✓ Beam angle: 120°.
- ✓ Protection rating: IP65, IK08.
- ✓ Connections: Internal quick connector.
- ✓ Body and diffuser: Polycarbonate.
- ✓ Warranty: 5 years.

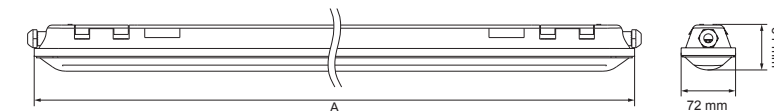
KLAUS KLS



	A
KLS60-20	600 mm
KLS120-40	1200 mm
KLS150-55	1500 mm

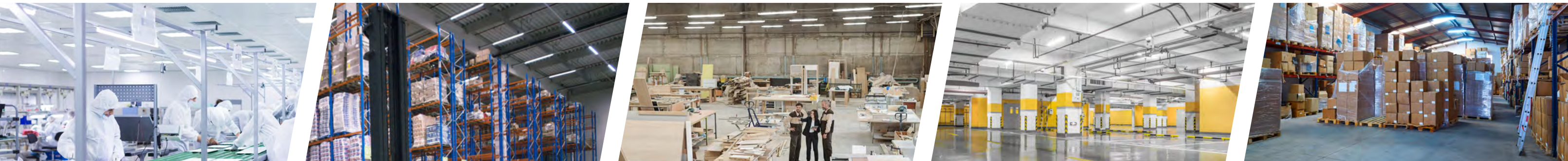
	CCT		W		
KLS60-20BF	5700K	600 mm	20 W	2840 lm	2446 lm
KLS60-20BN	4000K	600 mm	20 W	2840 lm	2446 lm
KLS120-40BF	5700K	1200 mm	40 W	5680 lm	4885 lm
KLS120-40BN	4000K	1200 mm	40 W	5680 lm	4885 lm
KLS150-55BF	5700K	1500 mm	55 W	7810 lm	6682 lm
KLS150-55BN	4000K	1500 mm	55 W	7810 lm	6682 lm

TAKAT TKT



	A
TKT60-20	600 mm
TKT120-40	1200 mm
TKT150-55	1500 mm

	CCT		W		
TKT60-2060	6000K	600 mm	20 W	3000 lm	2600 lm
TKT60-2040	4000K	600 mm	20 W	3000 lm	2600 lm
TKT120-4060	6000K	1200 mm	40 W	6000 lm	5200 lm
TKT120-4040	4000K	1200 mm	40 W	6000 lm	5200 lm
TKT150-5560	6000K	1500 mm	55 W	8250 lm	7150 lm
TKT150-5540	4000K	1500 mm	55 W	8250 lm	7150 lm



INDOOR
INDUSTRIAL
OUTDOOR
SPORTS
SMART
STREET
DECORATIVE

LIGHTING

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