

eemika

ELEKTROMECHANIKAI ZRT.

CLASSIC Luminaire Product Line

Welcome!

Dear Partner,
Dear FUTURE Partner,

please take a second to review the classic part of our new product range!

We, the EMIKA Inc. as a privately owned Hungarian company has been radically changed in the past few years. Our upgraded product range is to satisfy customers on the domestic and the export market as well. A customer oriented, professional team is ready to serve you.

The more than 50 years' experience in luminaire business predestinates us to understand the customer requirements, the disruptive technology change and be your partner in concept development as well. The high level engineering and the design became more and more significant in our products. We brand our premium quality products as "EMIKA", nevertheless for our European partners we produce also indoor and outdoor lighting fixtures, marketed by them.

We at EMIKA Inc. believe that competitive products which carry real value can only be developed based upon the understanding of the exact needs and dreams of our customers. This approach helps our company to meet the market requirements at a high level. As a result the quality and reliability of our products are outstanding.

EMIKA is committed to design, manufacture and sell products meeting the continuously changing customer requirements.

The revolution of LED technology opened new ways for us to provide our partners with environment-friendly and energy-saving LIGHT, giving the comfort by integrated, intelligent control solutions (IoT). Let us offer you our new LED products, the EmiLED family! Please ask for our new LED luminaire catalogue as well!

Be our customer! Challenge us with your request!

Thank you for your interest, we would appreciate your business!



High-bay 1-2

T8, T5 and Retrofit* LED luminaires

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Batten luminaires

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With aluminium profile louvers (KFT, MODUL S) 31-36

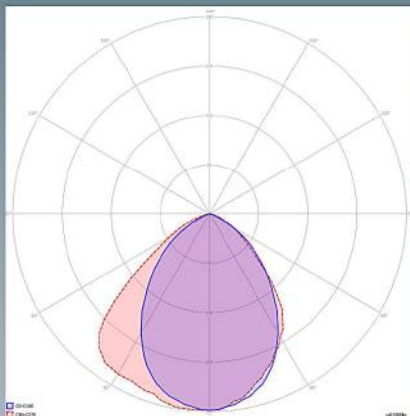
With plastic sheet enclosure (KFT AOP / APR) 37-40

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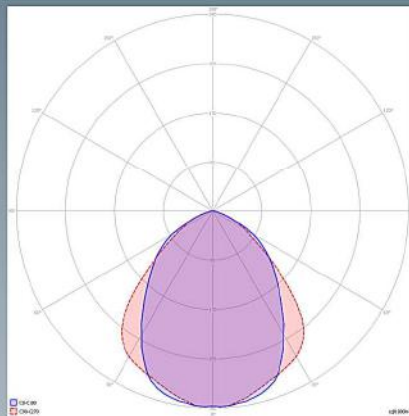
*Retrofit LED: preassembled to LED tubes

High-bay

Type	Power /light source/	Energy class of the luminaire	Dimensions /mm/				Weight /kg/
			A	B	C	F	
31-11-80 G / 823 G	1x100W Sodium	A	520	340	191	300x150	9.10
31-12-80 G / 823 G	1x150W Sodium	A	520	340	191	300x150	10.00
31-13-70 G / 723 G	1x250W Metal halide	A	520	340	191	300x150	12.10
31-13-80 G / 823 G	1x250W Sodium	A	520	340	191	300x150	12.10
31-14-70 G / 723 G	1x400W Metal halide	A	570	400	201	456x180	15.40
31-14-80 G / 823 G	1x400W Sodium	A	570	400	201	456x180	15.40

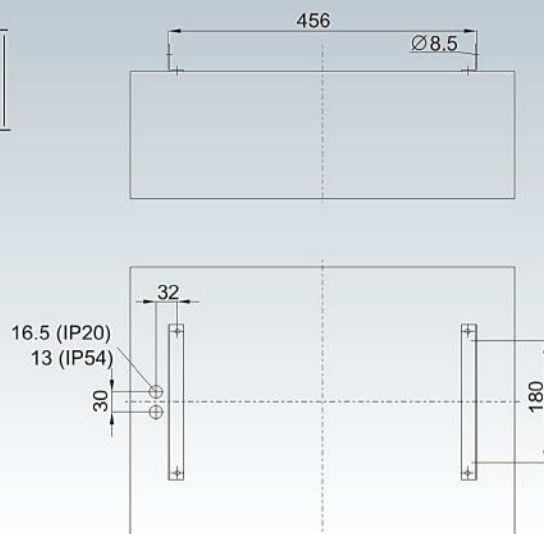
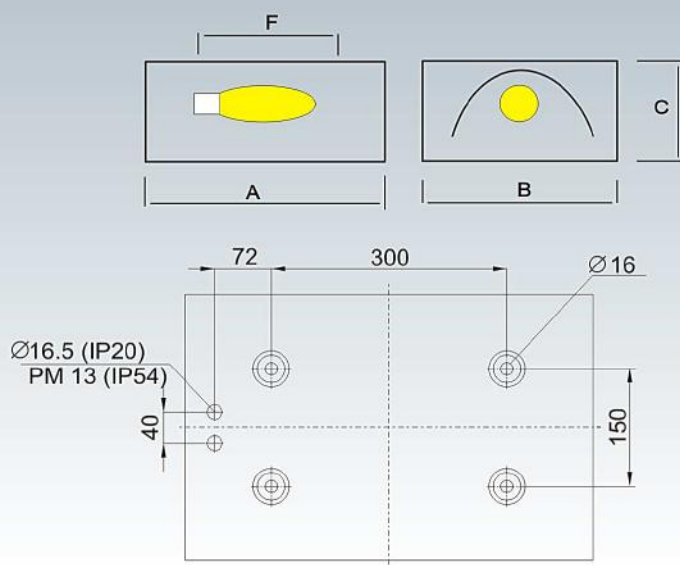


31-13-723 G



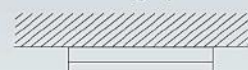
31-14-723 G

A





Mounting options



Body: white powder coated steel, RAL 9003, glossy.

Optical system:

- open types: /IP 20/, the reflector made of glossy aluminium with hammered surface. Marked with "0" at the end of type name. The optical system can be mounted or dismantled without tools.

- enclosed types: /IP 54/, tempered safety glass and glossy, hammered aluminium reflector. Marked with "23" at the end of type name. The optical system can be mounted or dismantled only with tools.

Electrical structure: the basic type made with magnetic ballast, electronic ignitor, and compensation.

Light source: E40 lamp holder, high pressure sodium or metal halide with elliptical bulb.

Wiring: silicone insulated solid copper wire, with 0,75mm² cross-section.

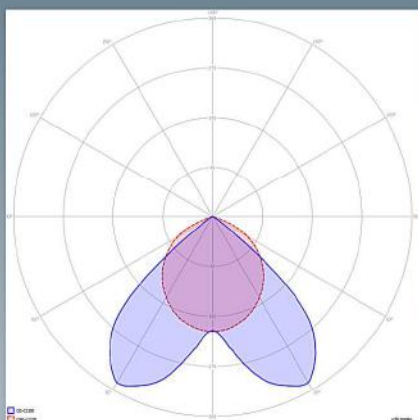
Electrical connection: 2 pole terminal block, up to 6mm² cross-section.

Accessories: the models can be mounted recessed with steel or aluminium frame. The frames must be ordered separately.

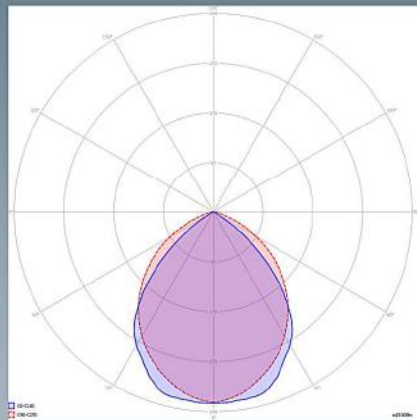
Application options: warehouses, industrial facilities, sports halls / arenas, etc.

Surface mounted, with aluminium profile louvers

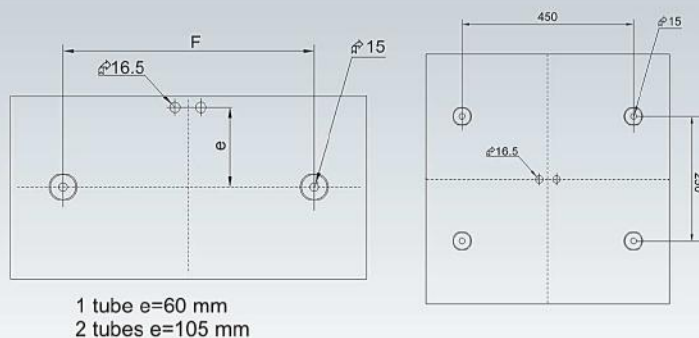
Type	Power /light source/	Energy class of the luminaire	Dimensions /mm/				Weight /kg/
			A	B	C	F	
KFE 136-12..	1x36W	B	1232	165	77	1050	3.90
KFE 158-12..	1x58W	A	1532	165	77	1050	4.60
KFE 218-12..	2x18W	A	622	255	77	450	3.40
KFE 236-12..	2x36W	B	1232	255	77	1050	5.50
KFE 258-12..	2x58W	A	1532	255	77	1050	6.70
KFE 418-12..	4x18W	A	622	515	77	450x250	5.30



KFE 236-122



KFE 236-124





Mounting options



Body: white powder coated steel, RAL 9003, glossy.

Optical system: aluminium reflector, can be mounted or dismantled without tools.

Reflector variations:

-122 glossy, the parabolic longitudinal reflectors and cross louvres are made of anodized aluminium.

-124 straight longitudinal reflectors are made of glossy anodized aluminium, the cross louvres are made of matted anodised aluminium profile.

Electrical structure: available with electronic ballast, warm ignition, EEI=A2, marked with "E" at the end of the type name with dimming electronic ballast, EEI=A1, marked with "ED" at the end of the type name /for analog (1-10V), or DALI control signal/. The models are available in LED tube versions.

Light source: T8 (ø26mm): 18, 36, 58 W, straight bipin fluorescent tube, G13.

Wiring: PVC insulated solid copper wire, with 0,5mm² cross-section, heat resistance up to 105°C.

Electrical connection: 3 pole terminal block, up to 2,5mm² cross-section.

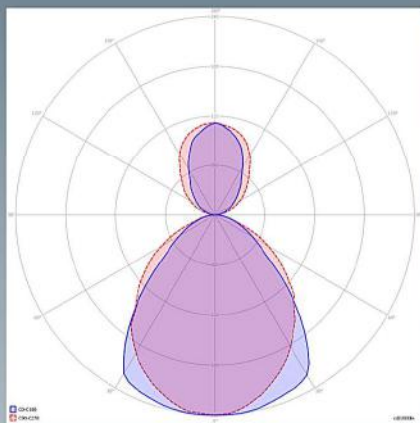
Emergency lighting unit: built-in, 1 or 3 hours operation, marked with "T" at the end of type name.

Accessories: guard /tennis, squash/.

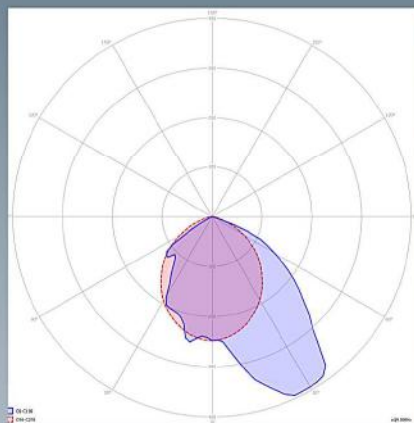
Application options: entrance rooms, lecture rooms, offices, conference and meeting rooms, shops, classrooms, computer rooms, museums, etc.

Surface mounted, with aluminium profile

Type	Power /light source/	Energy class of the luminaire	Dimensions /mm/				Weight /kg/
			A	B	C	F	
KFE 136-12.. L	1x36W	A	1232	165	77	1050	3.90
KFE 158-12.. L	1x58W	A	1532	165	77	1050	4.60
KFE 236-12.. L	2x36W	A	1232	255	77	1050	5.50
KFE 258-12.. L	2x58W	A	1532	255	77	1050	6.70
KFE 136-133	1x36W	A	1232	255	77	1050	5.10
KFE 158-133	1x58W	A	1532	255	77	1050	6.30
KFE 236-12.. M	2x36W	A	1232	255	77	1050	5.50
KFE 258-12.. M	2x58W	A	1532	255	77	1050	6.70

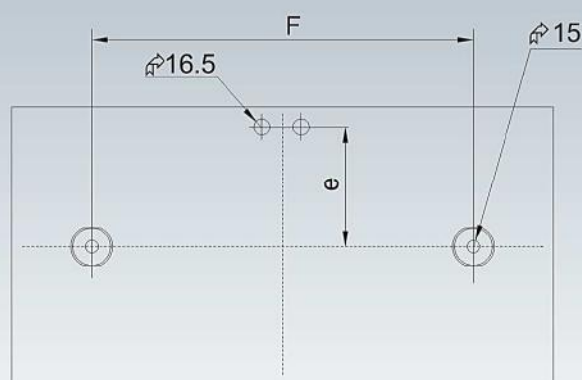
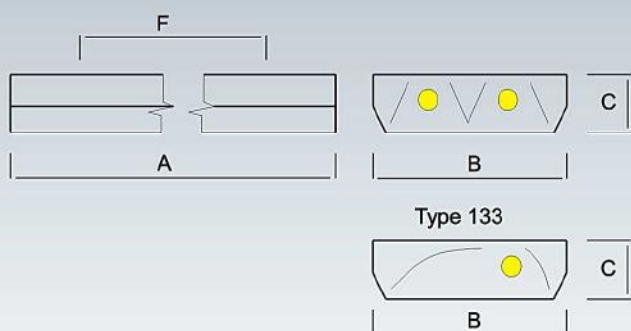


KFE 236-124 M

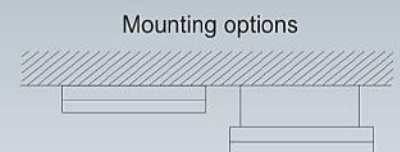
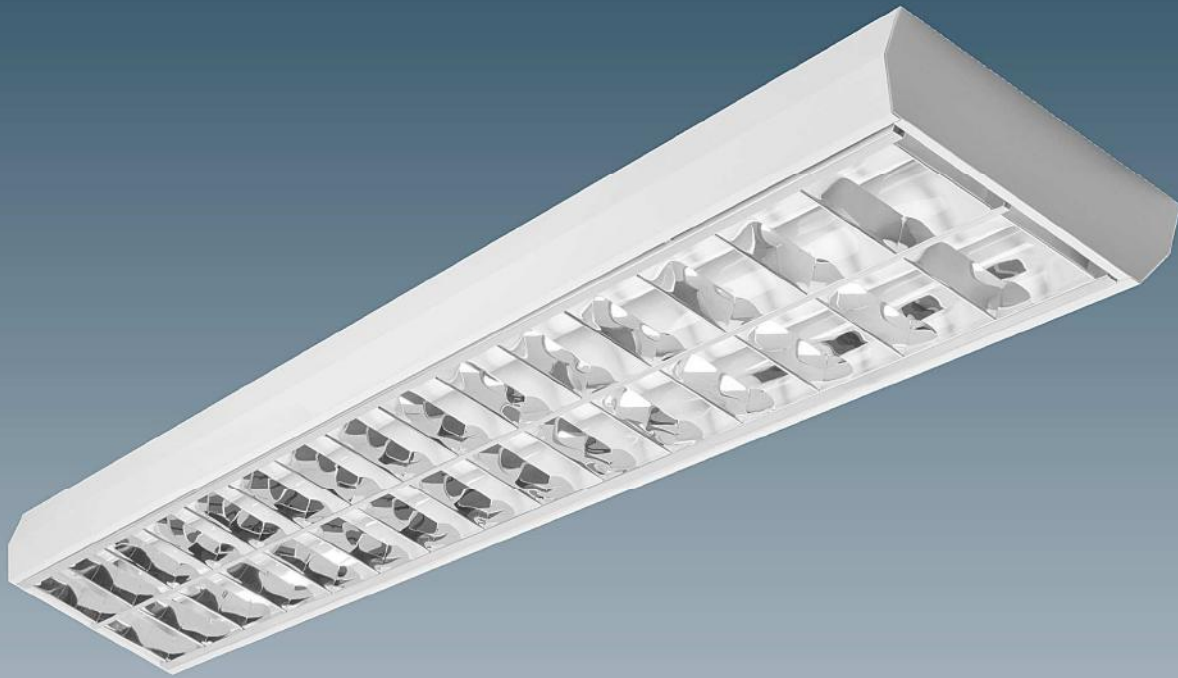


KFE 136-133

A



1 tube e=60 mm
2 tubes e=105 mm



Body: white powder coated steel, RAL 9003.

Optical system: aluminium reflector, can be mounted or dismantled without tools.

Reflector variations:

-122 glossy, the parabolic longitudinal reflectors and cross louvres are made of anodized aluminium.

-124 straight longitudinal reflectors are made of glossy anodized aluminium, the cross louvres are made of matted anodised aluminium profile.

-133 straight longitudinal asymmetric reflectors are made of glossy anodized aluminium, the cross louvres are made of matted anodised aluminium profile.

Series connection: for in-line mounting, marked with "L" at the end of the type name.

Ceiling illumination: suspended type, with plastic sheet enclosure at the top of the luminaire, marked with "M" at the end of the type name.

Electrical structure: available with electronic ballast, warm ignition, EEI=A2, marked with "E" at the end of the type name, with dimming electronic ballast, EEI=A1, marked with "ED" at the end of the type name /for analog (1-10V), or DALI control signal/. The models are available in LED tube versions.

Light source: T8 (ø26mm): 36, 58 W, straight bipin fluorescent tube, G13.

Wiring: PVC insulated solid copper wire, with 0,5mm² cross-section, heat resistance up to 105°C.

Electrical connection: 3 pole terminal block, up to 2,5mm² cross-section.

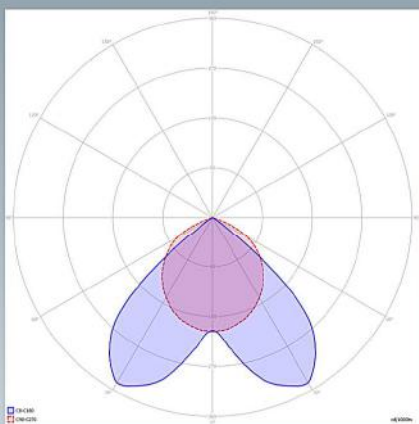
Emergency lighting unit: built-in, 1 or 3 hours operation, marked with "T" at the end of type name.

Accessories: guard /tennis, squash/.

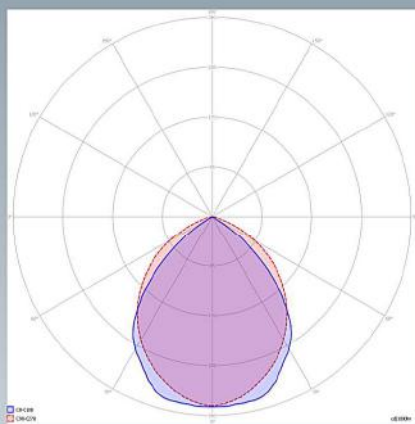
Application options: entrance rooms, lecture rooms, offices, conference and meeting rooms, shops, classrooms, computer rooms, museums, etc.

Surface mounted, with aluminium profile

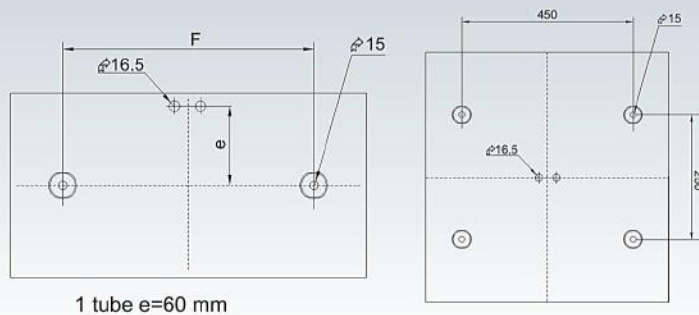
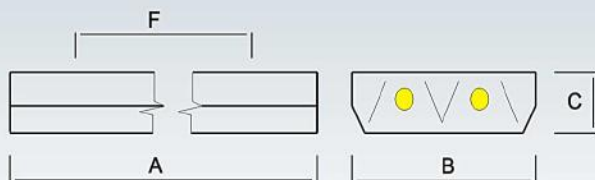
Type	Power /light source/	Energy class of the luminaire	Dimensions /mm/				Weight /kg/
			A	B	C	F	
KFE 114-12.. T5	1x14W	A	622	165	77	450	1,80
KFE 124-12.. T5	1x24W	B	622	165	77	450	1,80
KFE 128-12.. T5	1x28W	A	1232	165	77	1050	3,30
KFE 154-12.. T5	1x54W	A	1232	165	77	1050	3,30
KFE 135-12.. T5	1x35W	A	1532	165	77	1050	3,50
KFE 149-12.. T5	1x49W	A	1532	165	77	1050	3,50
KFE 180-12.. T5	1x80W	A	1532	165	77	1050	3,50
KFE 214-12.. T5	2x14W	A,B	622	255	77	450	3,10
KFE 224-12.. T5	2x24W	B	622	255	77	450	3,10
KFE 228-12.. T5	2x28W	A	1232	255	77	1050	4,30
KFE 254-12.. T5	2x54W	A	1232	255	77	1050	4,30
KFE 235-12.. T5	2x35W	A	1532	255	77	1050	4,60
KFE 249-12.. T5	2x49W	A	1532	255	77	1050	4,60
KFE 280-12.. T5	2x80W	A,B	1532	255	77	1050	4,60
KFE 414-12.. T5	4x14W	A	622	515	77	450x250	5,30
KFE 424-12.. T5	4x24W	A,B	622	515	77	450x250	5,30

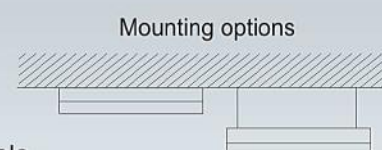
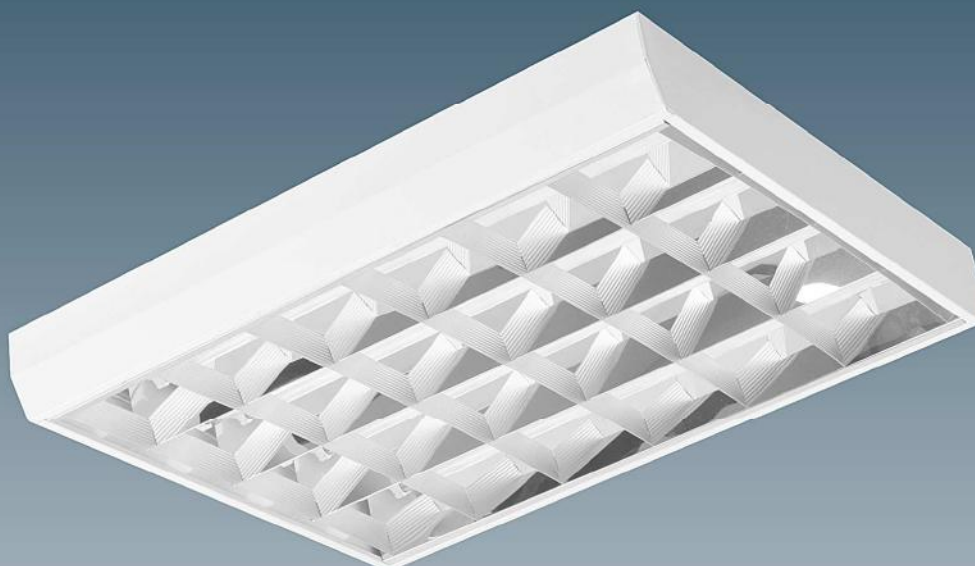


KFE 236-122



KFE 236-124





Body: white powder coated steel, RAL 9003, glossy.

Optical system: aluminium reflector, can be mounted or dismantled without tools.

Reflector variations:

-122 glossy, the parabolic longitudinal reflectors and cross louvres are made of anodized aluminium

-124 straight longitudinal reflectors are made of glossy anodized aluminium, the cross louvres are made of matted anodised aluminium profile

Electrical structure: the basic type made with electronic ballast, EEI=A2, warm ignition.

Available with dimming electronic ballast, EEI=A1, marked with "ED" at the end of the type name /for analog (1-10V), or DALI control signal/.

Light source: T5 (ø16mm): 14, 24, 28, 35, 49, 54, 80 W, straight bipin fluorescent tube, G5.

Wiring: PVC insulated solid copper wire, with 0,5mm² cross-section, heat resistance up to 105°C.

Electrical connection: 3 pole terminal block, up to 2,5mm² cross-section.

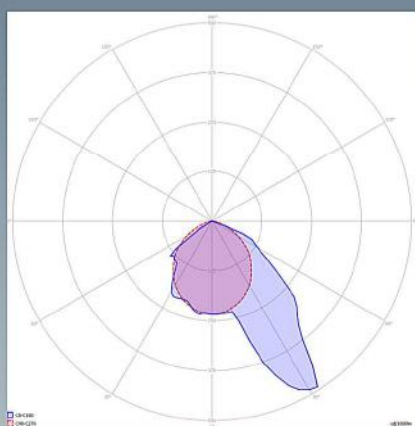
Emergency lighting unit: built-in, 1 or 3 hours operation, marked with "T" at the end of type name.

Accessories: guard /tennis, squash/.

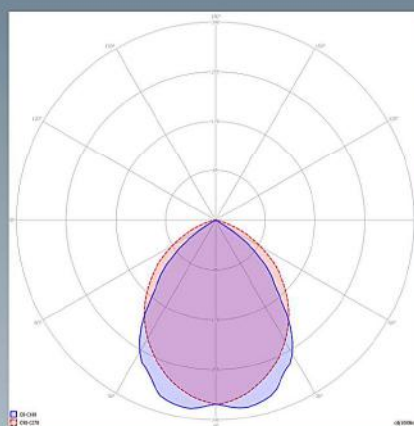
Application options: entrance rooms, lecture rooms, offices, conference and meeting rooms, shops, classrooms, computer rooms, museums, etc.

Surface mounted, with aluminium profile

Type	Power/light source/	Energy class of the luminaire	Dimensions /mm/				Weight /kg/
			A	B	C	F	
KFE 128-133 T5	1x28W	A	1232	255	77	1050	3,90
KFE 154-133 T5	1x54W	A	1232	255	77	1050	3,90
KFE 135-133 T5	1x35W	A	1532	255	77	1050	4,20
KFE 149-133 T5	1x49W	A	1532	255	77	1050	4,20
KFE 180-133 T5	1x80W	A	1532	255	77	1050	4,20
KFE 454-12.. T5 N	4x54W	A	1232	255	77	1050	4,70
KFE 480-12.. T5 N	4x80W	A	1532	255	77	1050	5,00

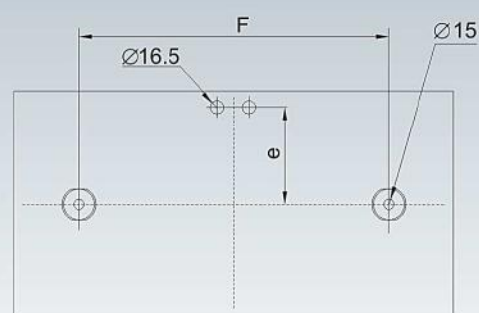
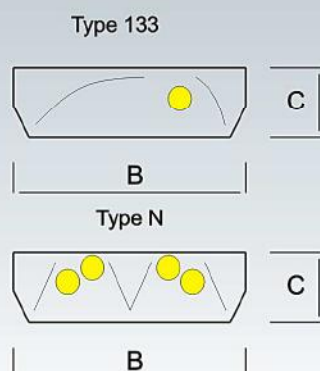
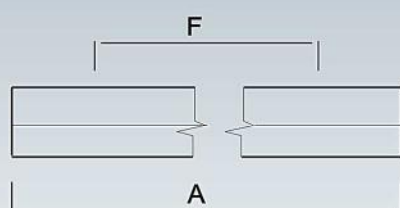


KFE 154-133 T5



KFE 454-124 T5 N

A



1 tube e=60 mm
2 tubes e=105 mm



Mounting options



Body: white powder coated steel, RAL 9003, glossy.

Optical system: aluminium reflector, can be mounted or dismantled without tools.

Reflector variations:

-122 glossy, the parabolic longitudinal reflectors and cross louvers are made of anodized aluminium

-124 straight longitudinal reflectors are made of glossy anodized aluminium, the cross louvers are made of matted anodised aluminium profile

-133 straight longitudinal asymmetric reflectors are made of glossy anodized aluminium, the cross louvers are made of matted anodised aluminium profile.

Electrical structure: the basic type made with electronic ballast, EEI=A2, warm ignition.

Available with dimming electronic ballast, EEI=A1, marked with "ED" at the end of the type name /for analog (1-10V), or DALI control signal/.

Light source: T5 (ø16mm): 28, 35, 49, 54, 80 W, straight bipin fluorescent tube, G5.

Wiring: PVC insulated solid copper wire, with 0,5mm² cross-section, heat resistance up to 105°C.

Electrical connection: 3 pole terminal block, up to 2,5mm² cross-section.

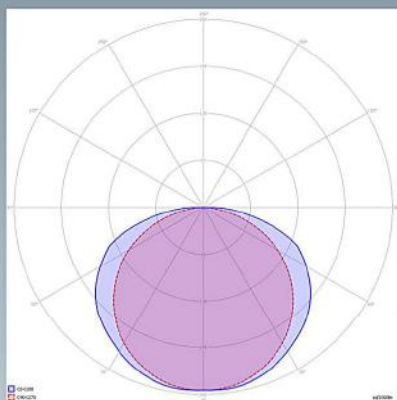
Emergency lighting unit: built-in, 1 or 3 hours operation, marked with "T" at the end of type name.

Accessories: guard /tennis, squash/.

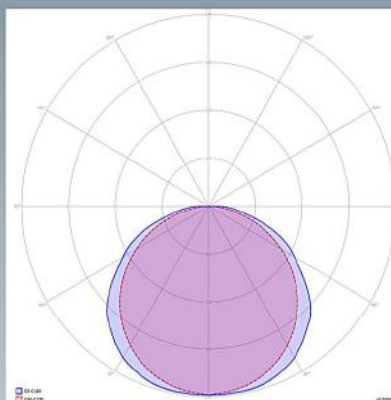
Application options: entrance rooms, lecture rooms, offices, conference and meeting rooms, shops, classrooms, computer rooms, museums, etc.

Batten luminaires with deflector

Type	Power /light source/	Energy class of the luminaire	Dimensions /mm/				Weight /kg/
			A	B	C	F	
13-14-26	1x36W	A	1230	168	100	600	3.30
13-16-26	1x58W	A	1530	168	100	600	4.50
13-22-26	2x18W	A	620	215	63	300	2.60
13-24-26	2x36W	A	1230	215	63	600	4.50
13-26-26	2x58W	A	1530	215	63	600	5.80
13-22-261	2x18W	A	620	177	103	300	2.60
13-24-261	2x36W	A	1230	177	103	600	4.50
13-26-261	2x58W	A	1530	177	103	600	5.80
13-14-16	1x36W	A	1230	127	224	600	3.50
13-16-16	1x58W	A	1530	127	224	600	4.50

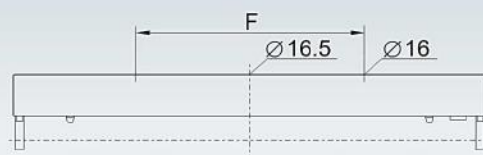
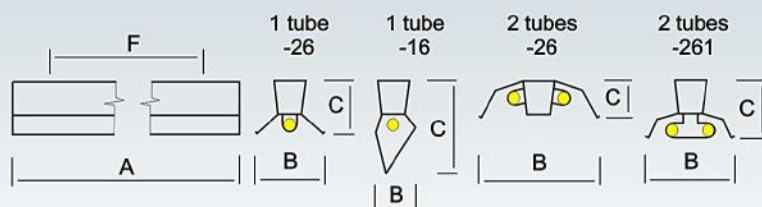


13-14-26



13-24-26

A





Mounting options



Body: white powder coated steel, RAL 9003, glossy.

Optical system: white painted deflector, can be mounted or dismantled without tools.

Symmetric types: marked with -26, -261 at the end of type name.

Asymmetric types: marked with -16 at the end of type name.

/By installation of asymmetric types we propose to keep horizontally 0.6-1 m, vertically 0-0.5 m distance from the illuminated surface./

Electrical structure: available with electronic ballast, warm ignition, EEI=A2, marked with "E" at the end of the typename with dimming electronic ballast, EEI=A1, marked with "ED" at the end of the type name /for analog (1-10V), or DALI control signal/.

Light source: T8 (ø26mm): 18W, 36W, 58W straight bipin fluorescent tube, G13.

Wiring: PVC insulated solid copper wire, with 0,5mm² cross-section, heat resistance up to 105°C.

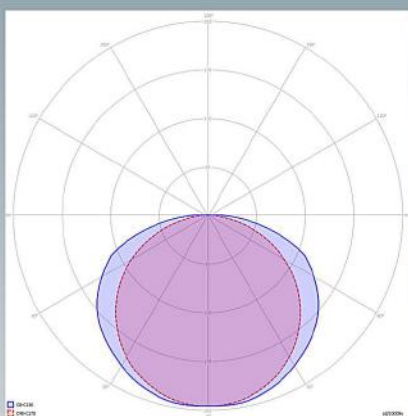
Electrical connection: 3 pole terminal block, up to 2,5mm² cross-section.

Emergency lighting unit: built-in, 1 or 3 hours operation, marked with "T" at the end of type name.

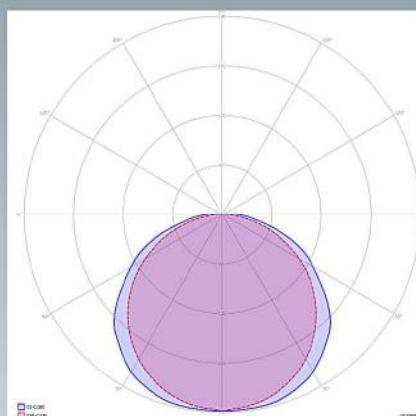
Application options: shops, warehouses, corridors, school halls, etc.

Batten luminaires with deflector

Type	Power /light source/	Energy class of the luminaire	Dimensions /mm/				Weight /kg/
			A	B	C	F	
13-114-26 T5	1x14W	A	575	168	100	300	1,9
13-124-26 T5	1x24W	A	575	168	100	300	1,9
13-128-26 T5	1x28W	A	1175	168	100	600	2,9
13-154-26 T5	1x54W	A	1175	168	100	600	2,9
13-135-26 T5	1x35W	A	1475	168	100	600	3,4
13-149-26 T5	1x49W	A	1475	168	100	600	3,4
13-180-26 T5	1x80W	A	1475	168	100	600	3,4
13-214-261 T5	2x14W	A	575	177	92	300	2,1
13-224-261 T5	2x24W	A	575	177	92	300	2,1
13-228-261 T5	2x28W	A	1175	177	92	600	3,6
13-254-261 T5	2x54W	A	1175	177	92	600	3,6
13-235-261 T5	2x35W	A	1475	177	92	600	4,1
13-249-261 T5	2x49W	A	1475	177	92	600	4,1
13-280-261 T5	2x80W	A	1475	177	92	600	4,1

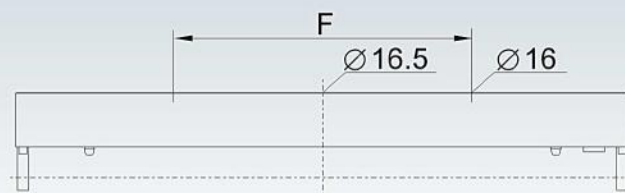
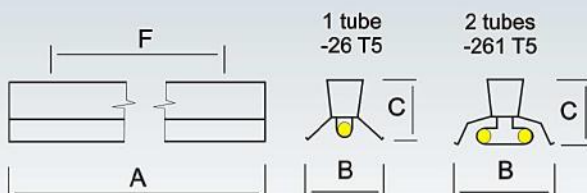


13-128-26 T5



13-249-261 T5

A





Mounting options



Body: white powder coated steel, RAL 9003, glossy.

Optical system: white painted deflector, can be mounted or dismantled without tools.

Electrical structure: the basic type made with electronic ballast, warm ignition, EEI=A2, no other marking required. Available with dimming electronic ballast, EEI=A1, marked with "ED" at the end of the type name /for analog (1-10V), or DALI control signal/.

Light source: T5 (ø16mm): 14W, 24W, 28W, 35W, 49W, 54W, 80W straight bipin fluorescent tube, G5.

Wiring: PVC insulated solid copper wire, with 0,5mm² cross-section, heat resistance up to 105°C.

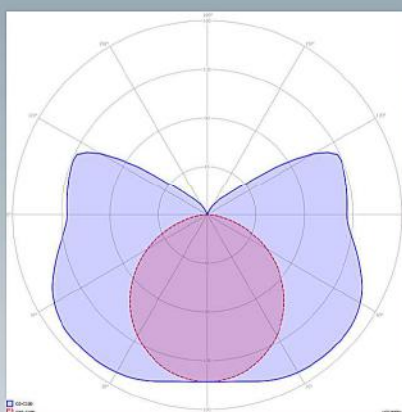
Electrical connection: 3 pole terminal block, up to 2,5mm² cross-section.

Emergency lighting unit: built-in, 1 or 3 hours operation, marked with "T" at the end of type name.

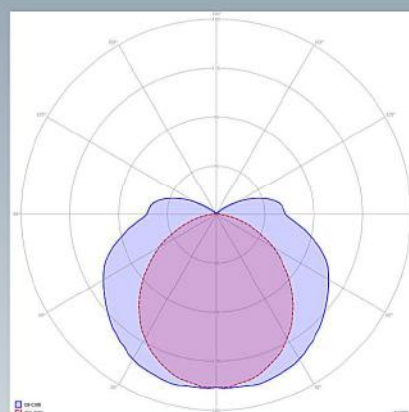
Application options: shops, warehouses, corridors, etc.

Batten luminaires with deflector

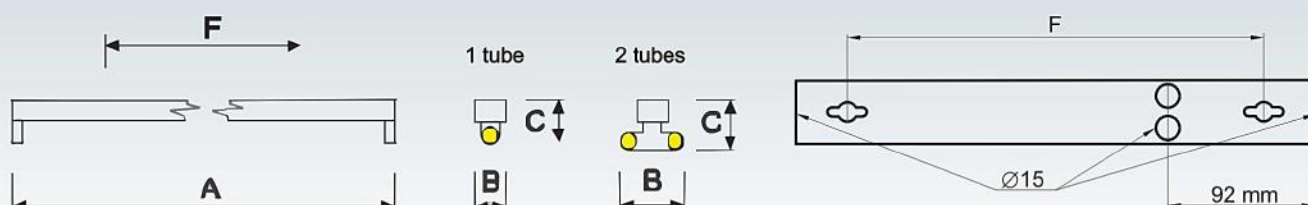
Type	Power /light source/	Energy class of the luminaire	Dimensions /mm/				Weight /kg/
			A	B	C	F	
114 T5	1x14W	B	580	41	53	516	0,6
124T5	1x24W	B	580	41	53	516	0,6
121 T5	1x21W	A	880	41	53	520	0,75
139 T5	1x39W	A	880	41	53	520	0,75
128 T5	1x28W	B	1180	41	53	820	0,95
154 T5	1x54W	B	1180	41	53	820	0,95
135 T5	1x35W	A	1480	41	53	1120	1,3
149 T5	1x49W	B	1480	41	53	1120	1,3
180 T5	1x80W	B	1480	41	53	1120	1,3
214 T5	2x14W	B	580	67	53	516	0,7
224 T5	2x24W	B	580	67	53	516	0,7
221 T5	2x21W	A	880	67	53	520	0,85
239 T5	2x39W	A	880	67	53	520	0,85
228 T5	2x28W	A	1180	67	53	820	1,05
254 T5	2x54W	A	1180	67	53	820	1,05
235 T5	2x35W	A	1480	67	53	1120	1,4
249 T5	2x49W	A	1480	67	53	1120	1,4
280 T5	2x80W	A	1480	67	53	1120	1,4



ELLA 135 T5

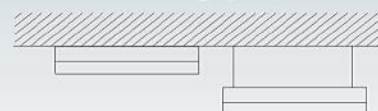


ELLA 235 T5





Mounting options



Body: white powder coated steel, RAL 9003, glossy.

The luminaire can be mounted or dismantled without tools.

Optical system: optional white painted or glossy aluminium deflector.

Electrical structure: the basic type made with electronic ballast, warm ignition, EEI=A2, no other marking required. Available with dimming electronic ballast, EEI=A1, marked with "ED" at the end of the type name /for analog (1-10V), or DALI control signal/.

Light source: T5 (ø16mm): 14, 21, 24, 28, 35, 39, 49, 54, 80W straight bipin fluorescent tube, G5.

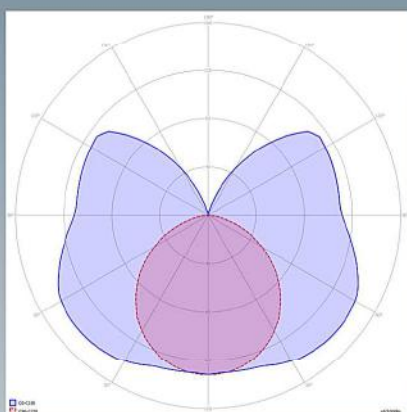
Wiring: PVC insulated solid copper wire, with 0,5mm² cross-section, heat resistance up to 105°C.

Electrical connection: 3 pole terminal block, up to 2,5mm² cross-section.

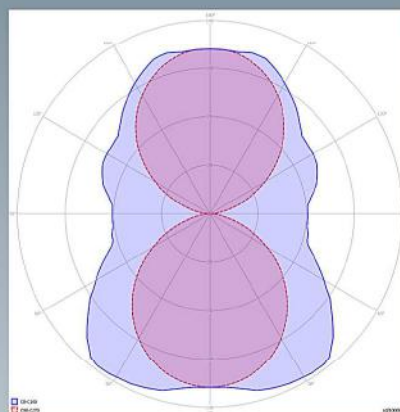
Application options: shops, warehouses, corridors, etc.

Batten luminaires without deflector

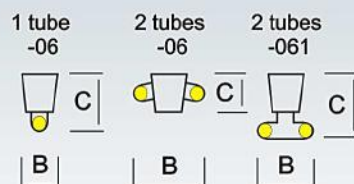
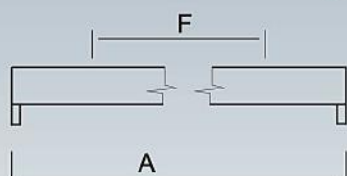
Type	Power /light source/	Energy class of the luminaire	Dimensions /mm/				Weight /kg/
			A	B	C	F	
13-14-06	1x36W	B	1230	61	100	600	2.30
13-16-06	1x58W	A	1530	61	100	600	3.30
13-22-06	2x18W	A	620	140	63	300	1.80
13-24-06	2x36W	B	1230	140	63	600	3.30
13-26-06	2x58W	A	1530	140	63	600	4.90
13-22-061	2x18W	A	620	101	103	300	1.80
13-24-061	2x36W	A	1230	101	103	600	3.30
13-26-061	2x58W	A	1530	101	103	600	4.90



13-14-06

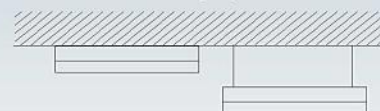


13-24-06





Mounting options



Body: white powder coated steel, RAL 9003, glossy.

The luminaire can be mounted or dismantled without tools.

Electrical structure: available with electronic ballast, warm ignition, EEI=A2, marked with "E" at the end of the type name with dimming electronic ballast, EEI=A1, marked with "ED" at the end of the type name /for analog (1-10V), or DALI control signal/. The models are available also in LED tube versions.

Light source: T8 (ø26mm): 18W, 36W, 58W straight bipin fluorescent tube, G13.

Wiring: PVC insulated solid copper wire, with 0,5mm² cross-section, heat resistance up to 105°C.

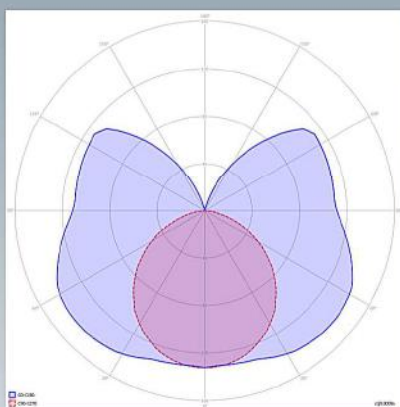
Electrical connection: 3 pole terminal block, up to 2,5mm² cross-section.

Emergency lighting unit: built-in, 1 or 3 hours operation, marked with "T" at the end of type name.

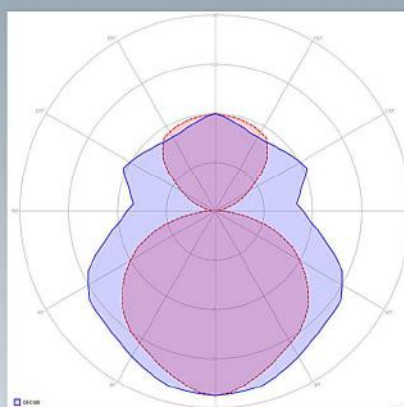
Application options: shops, warehouses, corridors, school halls, etc.

Batten luminaires without deflector

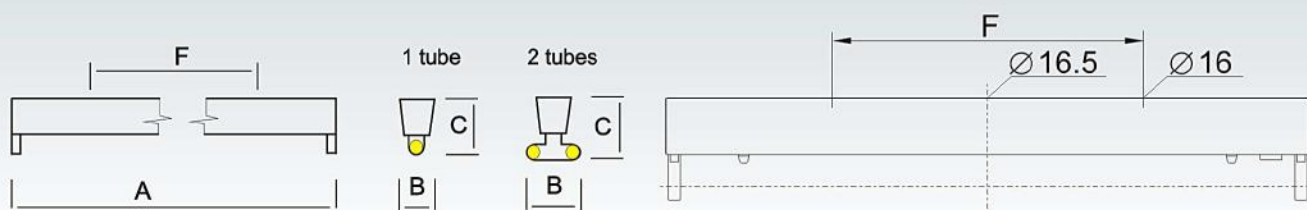
Type	Power /light source/	Energy class of the luminaire	Dimensions /mm/				Weight /kg/
			A	B	C	F	
13-114-06 T5	1x14W	B	575	61	89	300	1,33
13-124-06 T5	1x24W	B	575	61	89	300	1,33
13-128-06 T5	1x28W	B	1175	61	89	600	1,93
13-154-06 T5	1x54W	B	1175	61	89	600	1,93
13-135-06 T5	1x35W	A	1475	61	89	600	2,2
13-149-06 T5	1x49W	B	1475	61	89	600	2,2
13-180-06 T5	1x80W	B	1475	61	89	600	2,2
13-214-061 T5	2x14W	B	575	64	82	300	1,49
13-224-061 T5	2x24W	B	575	64	82	300	1,49
13-228-061 T5	2x28W	A	1175	64	82	600	2,43
13-254-061 T5	2x54W	A	1175	64	82	600	2,43
13-235-061 T5	2x35W	A	1475	64	82	600	2,7
13-249-061 T5	2x49W	A	1475	64	82	600	2,7
13-280-061 T5	2x80W	A	1475	64	82	600	2,7



13-128-06 T5

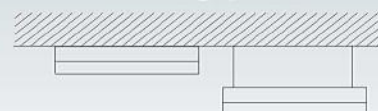


13-249-061 T5





Mounting options



Body: white powder coated steel, RAL 9003, glossy.

The luminaire can be mounted or dismantled without tools.

Electrical structure: the basic type made with electronic ballast, warm ignition, EEI=A2, no other marking required. Available with dimming electronic ballast, EEI=A1, marked with "ED" at the end of the type name /for analog (1-10V), or DALI control signal/.

Light source: T5 (ø16mm): 14W, 24W, 28W, 35W, 49W, 54W, 80W straight bipin fluorescent tube, G5.

Wiring: PVC insulated solid copper wire, with 0,5mm² cross-section, heat resistance up to 105°C.

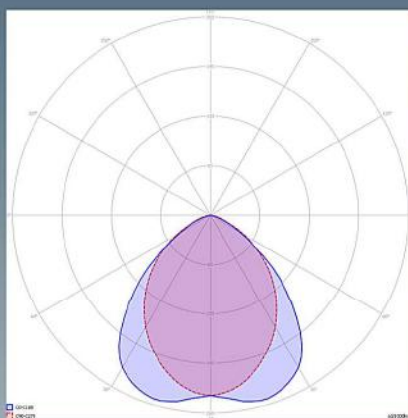
Electrical connection: 3 pole terminal block, up to 2,5mm² cross-section.

Emergency lighting unit: built-in, 1 or 3 hours operation, marked with "T" at the end of type name.

Application options: shops, warehouses, corridors, etc.

Surface mounted, with glass sheet enclosure

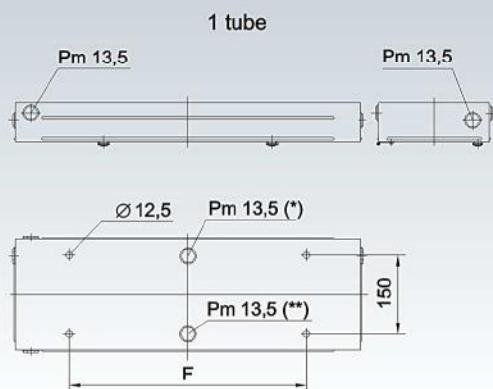
Type	Power /light source/	Energy class of the luminaire	Dimensions /mm/				Weight /kg/
			A	B	C	F	
KFM 136-14	1x36W	A	1265	215	75	1050x150	9.00
KFM 218-14	2x18W	B	655	215	75	450x150	5.15
KFM 236-14	2x36W	B	1265	215	75	1050x150	9.90



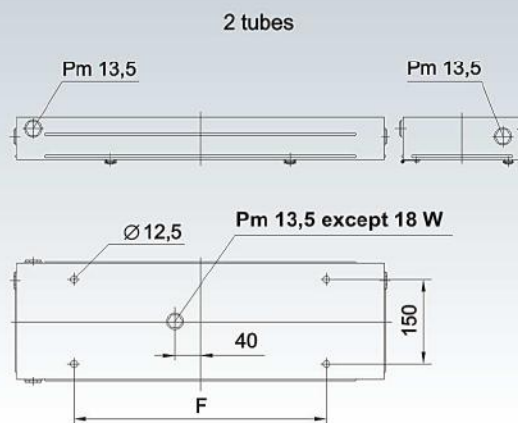
A

B

KFM 236-14

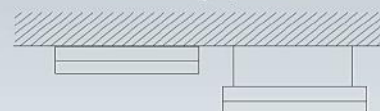


*: in case of KFM 136-14
**: in case of KFM 136-13





Mounting options



Body: white powder coated steel, RAL 9003, glossy.

All KFM types have **IK08** impact protection.

Optical system: tempered security glass and aluminium optical system, can be mounted or dismantled without tools.

Reflector: straight longitudinal reflectors are made of matted aluminium, the cross louvres are made of matted anodised aluminium profile.

Electrical structure: available with electronic ballast, warm ignition, EEI=A2, marked with "E" at the end of the type name with dimming electronic ballast, EEI=A1, marked with "ED" at the end of the type name /for analog (1-10V), or DALI control signal/.

Light source: T8 (ø26mm): 18, 36 W, straight bipin fluorescent tube, G13.

Wiring: PVC insulated solid copper wire, with 0,5mm² cross-section, heat resistance up to 105°C.

Electrical connection: 3 pole terminal block, up to 2,5mm² cross-section, can be connected to 2 phases.

Emergency lighting unit: built-in, 1 or 3 hours operation, marked with "T" at the end of type name.

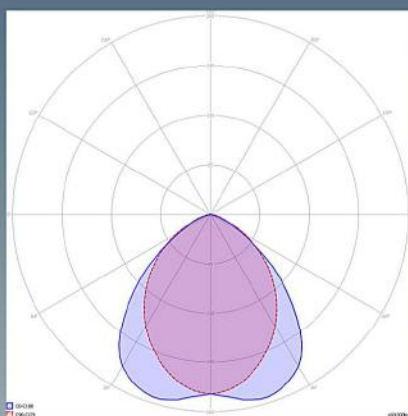
Through-wiring: PVC insulated solid copper wire, with 1,5mm² cross-section, heat resistance up to 105°C.

Accessories: the tempered security glass can be ordered with security armor film on one (marked with "B" at the end of type name) or two sides (marked with "BB" at the end of type name).

Application options: arcades, pedestrian subways, subway stations, railway station platforms, warehouses, halls, etc.

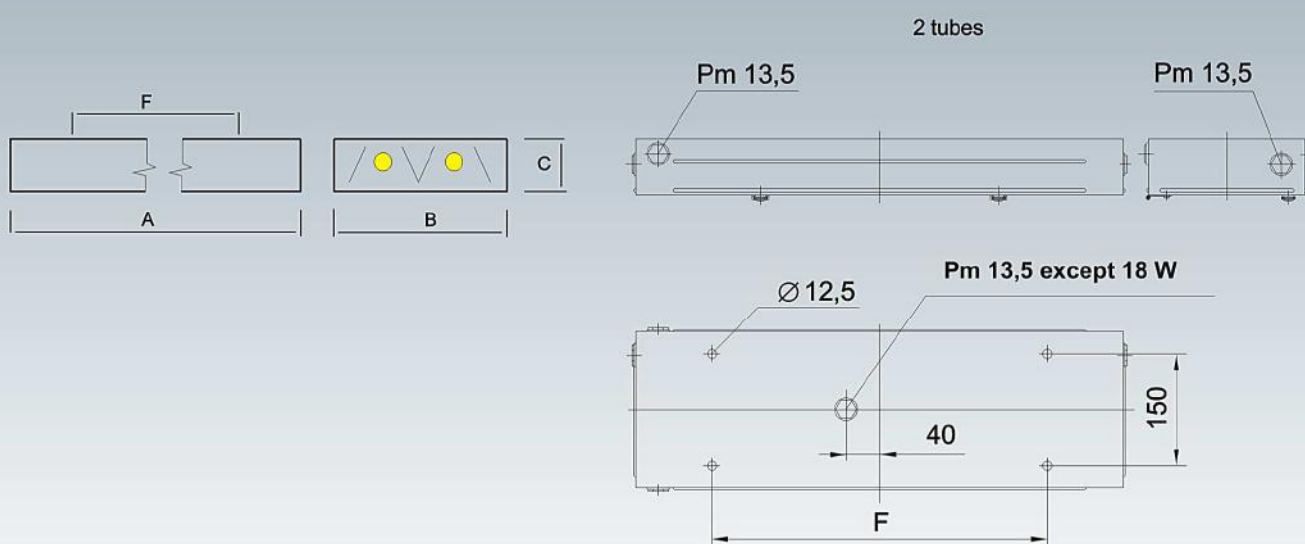
Surface mounted, with glass sheet enclosure

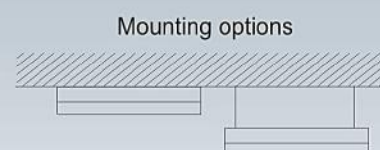
Type	Power /light source/	Energy class of the luminaire	Dimensions /mm/				Weight /kg/
			A	B	C	F	
KFM 228-14	2x28W	B	1265	215	75	1050x150	8.20
KFM 254-14	2x54W	B	1265	215	75	1050x150	8.20



B

KFM 236-14





Body: white powder coated steel, RAL 9003, glossy.

All KFM types have **IK08** impact protection.

Optical system: tempered security glass and aluminium optical system, can be mounted or dismantled without tools.

Reflector: straight longitudinal reflectors are made of matted aluminium, the cross louvres are made of matted anodised aluminium profile.

Electrical structure: the basic type made with electronic ballast, warm ignition, EEI=A2.

Available with dimming electronic ballast, EEI=A1, marked with "ED" at the end of the type name /for analog (1-10V), or DALI control signal/.

Light source: T5 (ø16mm): 28, 54 W, straight bipin fluorescent tube, G5.

Wiring: PVC insulated solid copper wire, with 0,5mm² cross-section, heat resistance up to 105°C.

Electrical connection: 3 pole terminal block, up to 2,5mm² cross-section, optional 2 phase connection.

Emergency lighting unit: built-in, 1 or 3 hours operation, marked with "T" at the end of type name.

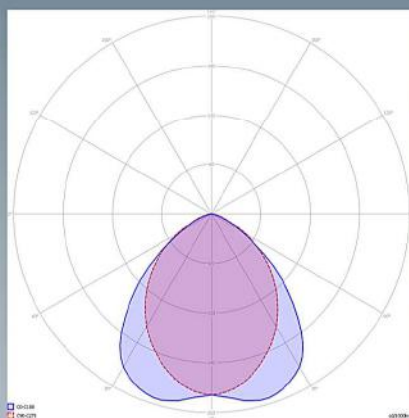
Through-wiring: PVC insulated solid copper wire, with 1,5mm² cross-section, heat resistance up to 105°C.

Accessories: the tempered security glass can be ordered with security armor film on one (marked with "B" at the end of type name) or two sides (marked with "BB" at the end of type name).

Application options: arcades, pedestrian subways, subway stations, railway station platforms, warehouses, halls, etc.

Surface mounted, with glass sheet enclosure

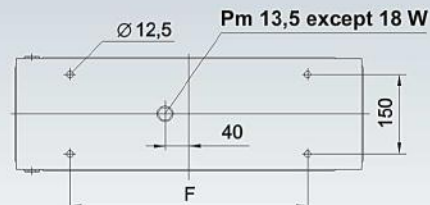
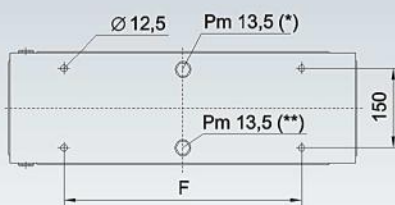
Type	Power /light source/	Energy class of the luminaire	Dimensions /mm/				Weight /kg/
			A	B	C	F	
KFM 136-14 tk	1x36W	A	1265	215	75	1050x150	9.70
KFM 218-14 tk	2x18W	B	655	215	75	450x150	5.55
KFM 236-14 tk	2x36W	B	1265	215	75	1050x150	10.60
KFM 118-14 tk IK10	1x18W	A	655	215	75	450x150	6.00
KFM 136-14 tk IK10	1x36W	A	1265	215	75	1050x150	10.70
KFM 218-14 tk IK10	2x18W	B	655	215	75	450x150	6.15
KFM 236-14 tk IK10	2x36W	B	1265	215	75	1050x150	11.60



A

B

KFM 236-14





Mounting options



Body: white powder coated steel, RAL 9003, glossy.

The "tk" models have steel or aluminium frame to recessed mounting.

Closing element: tempered security glass enclosure with metal frame reinforcement.

The **IK10** versions can be mounted only with tools.

Reflector: straight longitudinal reflectors are made of matted aluminium, the cross louvers are made of matted anodised aluminium profile.

Electrical structure: available with electronic ballast, warm ignition, EEI=A2, marked with "E" at the end of the type name with dimming electronic ballast, EEI=A1, marked with "ED" at the end of the type name /for analog (1-10V), or DALI control signal/.

Light source: T8 (ø26mm): 18, 36 W, straight bipin fluorescent tube, G13, on request T5 versions are available.

Wiring: PVC insulated solid copper wire, with 0,5mm² cross-section, heat resistance up to 105°C.

Electrical connection: 3 pole terminal block, up to 2,5mm² cross-section, can be connected to 2 phases.

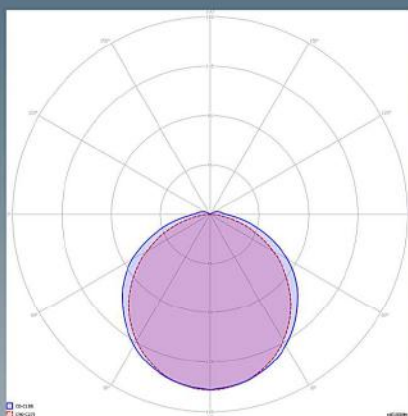
Through-wiring: PVC insulated solid copper wire, with 1,5mm² cross-section, heat resistance up to 105°C.

Accessories: the tempered security glass can be ordered with security armor film on one (marked with "B" at the end of type name) or two sides (marked with "BB" at the end of type name).

Application options: arcades, pedestrian subways, subway stations, railway station platforms, warehouses, halls, etc.

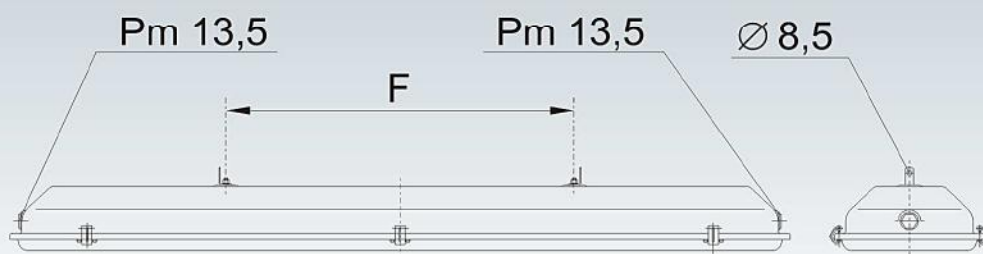
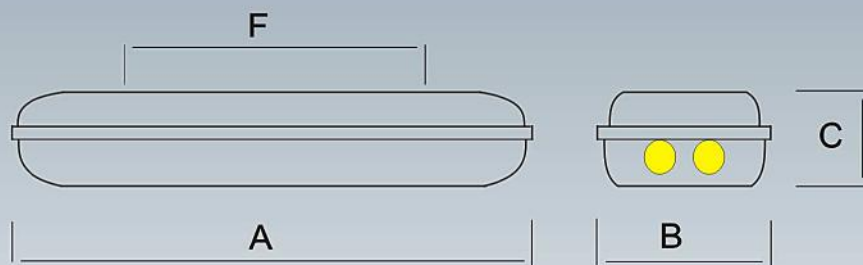
Surface mounted, with plastic diffuser

Type	Power /light source/	Energy class of the luminaire	Dimensions /mm/				Weight /kg/
			A	B	C	F	
13-24-854	2x36W	A	1345	280	114	600	6.20
13-34-854	3x36W	A	1345	280	114	600	8.55
SLR 13-24-854	2x36W	A	1345	280	114	600	6.20
SLR 13-34-854	3x36W	A	1345	280	114	600	8.55



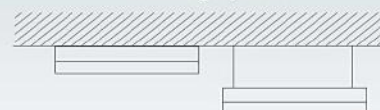
A

13-34-854





Mounting options



Body: white powder coated steel, RAL 9003, glossy.

Optical system: clear PS (polistirol) bowl, can be mounted or dismantled without tools.

Electrical structure: available with electronic ballast, warm ignition, EEI=A2, marked with "E" at the end of the type name with dimming electronic ballast, EEI=A1, marked with "ED" at the end of the type name /for analog (1-10V), or DALI control signal/. The models are available also in LED tube versions.

Light source: T8 (ø26mm): 36 W, straight bipin fluorescent tube, G13.

Wiring: PVC insulated solid copper wire, with 0,5mm² cross-section, heat resistance up to 105°C.

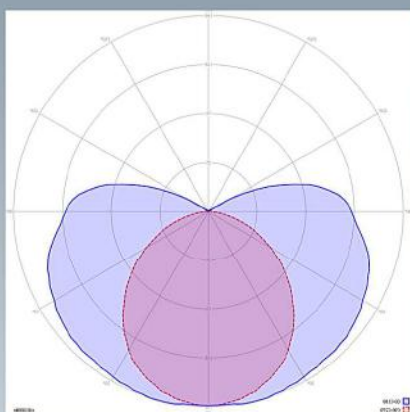
Electrical connection: 3 pole (2x36W), or 4 pole (3x36W) terminal block up to 2,5mm² crosssection.

SLR type: 3 pole, 2,5mm² cross-section, 1 phase connection

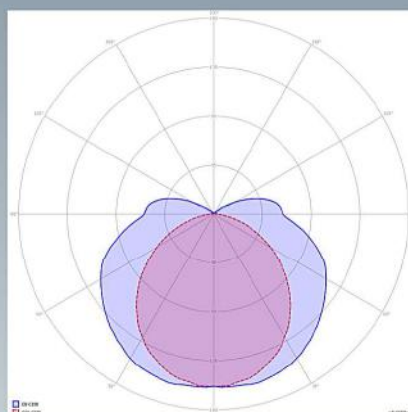
Application options: arcades, pedestrian subways, platforms, warehouses, halls, etc.

Surface mounted, with plastic diffuser

Type	Power /light source/	Energy class of the luminaire	Dimensions /mm/				Weight /kg/
			A	B	C	F	
EMI-PLAST 136 PMMA	1x36W	A	1277	90	95	800	3,08
EMI-PLAST 136 SAN	1x36W	A	1277	90	95	800	3,08
EMI-PLAST 158 PMMA	1x58W	A	1577	90	95	1100	4,04
EMI-PLAST 158 SAN	1x58W	A	1577	90	95	1100	4,04
EMI-PLAST 218 PMMA	2x18W	A	669	116	99	460	2,75
EMI-PLAST 218 SAN	2x18W	A	669	116	99	460	2,75
EMI-PLAST 236 PMMA	2x36W	A	1277	116	99	800	4,8
EMI-PLAST 236 SAN	2x36W	A	1277	116	99	800	4,8
EMI-PLAST 258 PMMA	2x58W	A	1577	116	99	1100	6,4
EMI-PLAST 258 SAN	2x58W	A	1577	116	99	1100	6,4

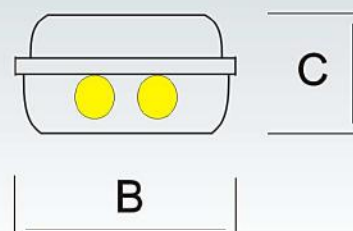
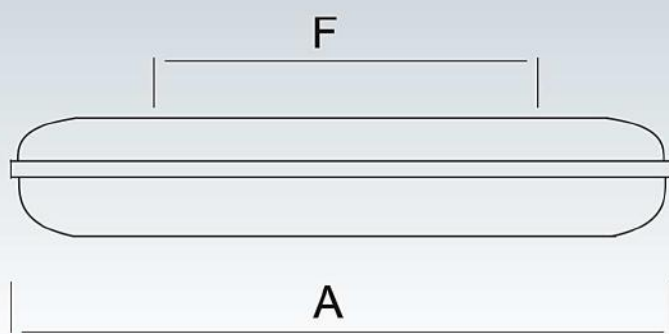


EMI-PLAST 136 PMMA



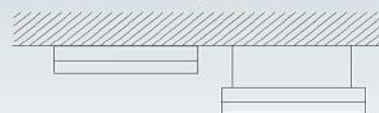
EMI-PLAST 236 PMMA

A





Mounting options



Body: grey, fiber glass reinforced polyester.

Optical system: plastic bowl PMMA (polymethyl methacrylate) or SAN (acryl), can be mounted or dismantled without tools.

Electrical structure: available with electronic ballast, warm ignition, EEI=A2, marked with "E" at the end of the type name with dimming electronic ballast, EEI=A1, marked with "ED" at the end of the type name /for analog (1-10V), or DALI control signal/. The models are available also in LED tube versions.


Light source: T8 (ø26mm): 18W, 36W, 58W straight bipin fluorescent tube, G13.

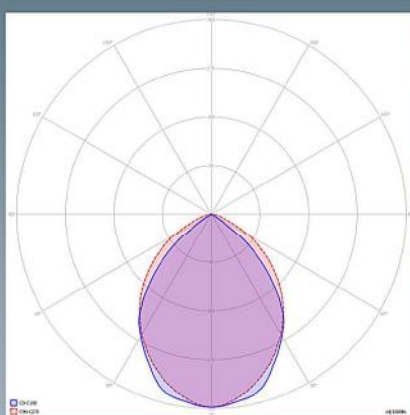
Wiring: PVC insulated solid copper wire, with 0,5mm² cross-section, heat resistance up to 105°C.

Electrical connection: 3 pole terminal block, up to 2,5mm² cross-section.

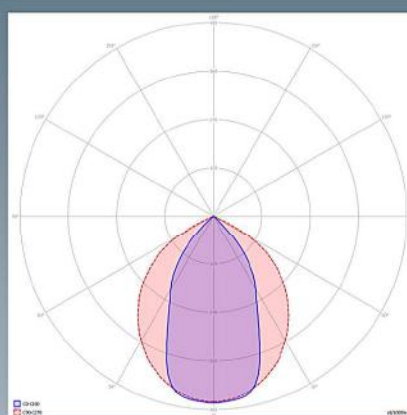
Application options: swimming pools, carwashes, pedestrian subways, corridors, warehouses, garages, etc.

Recessed, with aluminium profile louvers

Type	Power /light source/	Energy class of the luminaire	Dimensions /mm/						Weight /kg/
			A	A1	B	C	F		
KFT 136-52..	1x36W	A	1198	1238	298	99	1050x242	1184x284	6,70
KFT 158-52..	2x58W	A	1498	1538	298	99	1050x242	1484x284	8.20
KFT 218-52..	2x18W	B	598	638	298	99	300x242	586x284	3,40
KFT 236-52..	2x36W	A	1198	1238	298	99	1050x242	1184x284	7.30
KFT 258-52..	2x58W	A	1498	1538	298	99	1050x242	1484x284	8.90
KFT 418-52..	4x18W	A,B	598	623	598	103	450x300	586x586	7.20



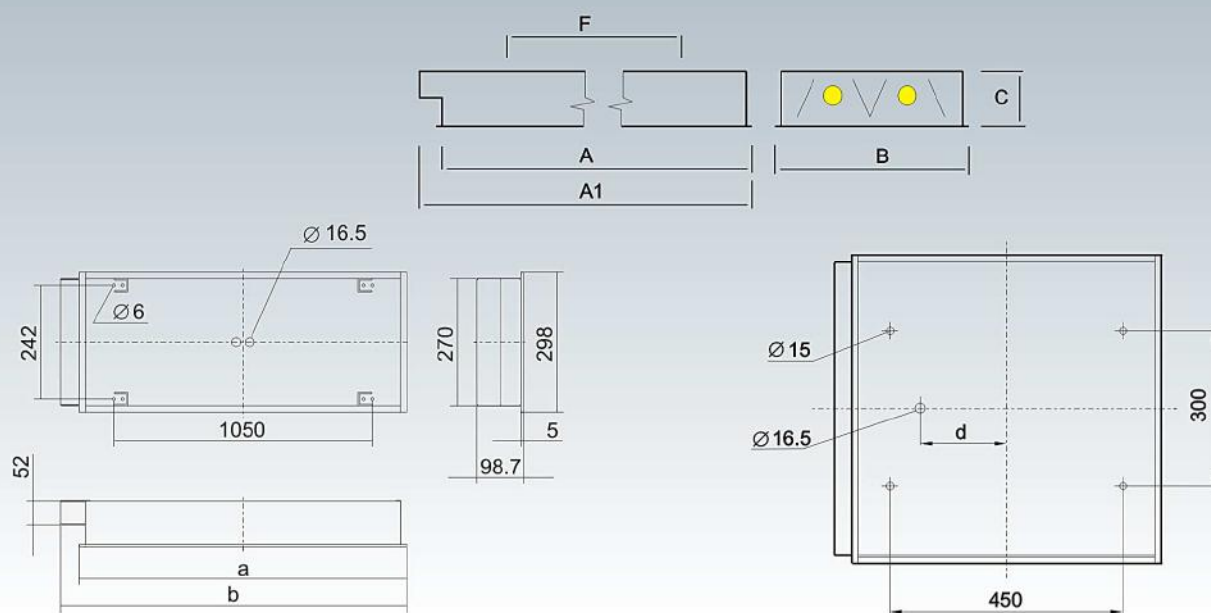
KFT 236-524



KFT 236-522 V

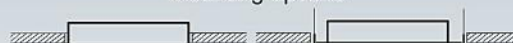
A

B





Mounting options



Body: white powder coated steel, RAL 9003, glossy.

Optical system: aluminium reflector, can be mounted or dismantled without tools.

Reflector variations:

-522 V glossy, the parabolic longitudinal reflectors and cross louvres are made of anodized aluminium

-524 straight longitudinal reflectors are made of glossy anodized aluminium, the cross louvres are made of matted anodised aluminium profile

Electrical structure: available with electronic ballast, warm ignition, EEI=A2, marked with "E" at the end of the type name with dimming electronic ballast, EEI=A1, marked with "ED" at the end of the type name /for analog (1-10V), or DALI control signal/.

Light source: T8 (ø26mm): 18, 36, 58 W, straight bipin fluorescent tube, G13.

Wiring: PVC insulated solid copper wire, with 0,5mm² cross-section, heat resistance up to 105°C.


Electrical connection: 3 pole terminal block, up to 2,5mm² cross-section.

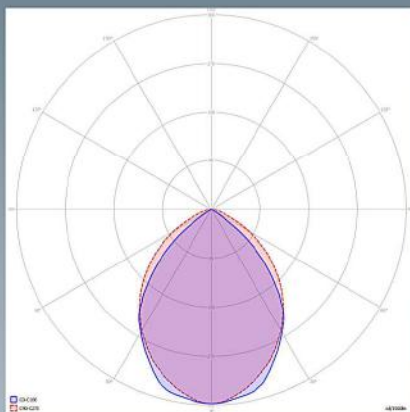
Emergency lighting unit: built-in, 1 or 3 hours operation, marked with "T" at the end of type name.

Accessories: the accessory kit for the recessed mounting must be ordered separately.

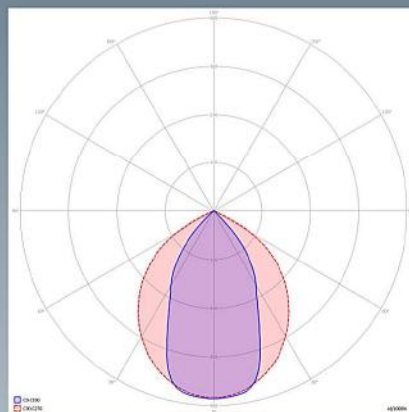
Application options: entrance rooms, lecture rooms, computer rooms, offices, conference and meeting rooms, shops, museums, etc.

Recessed, with aluminium profile louvers

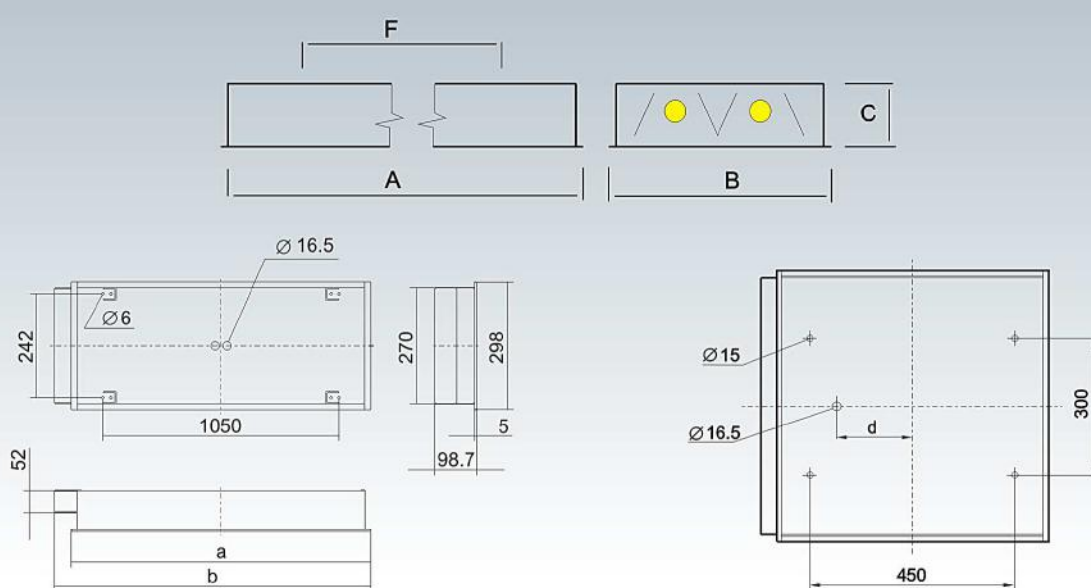
Type	Power /light source/	Energy class of the luminaire	Dimensions /mm/					Weight /kg/
			A	B	C	F		
KFT 228-52.. T5	2x28W	A	1198	298	99	1050	1184x284	6,40
KFT 254-52.. T5	2x54W	A	1198	298	99	1050	1184x284	6,40
KFT 235-52.. T5	2x35W	A	1498	298	99	1050	1484x284	6,60
KFT 249-52.. T5	2x49W	A	1498	298	99	1050	1484x284	6,60
KFT 280-52.. T5	2x80W	A, B	1498	298	99	1050	1484x284	6,60
KFT 414-52.. T5	4x14W	A, B	598	598	101	450x300	586x586	6,30
KFT 424-52.. T5	4x24W	A, B	598	598	101	450x300	586x586	6,30



KFT 228-524 T5

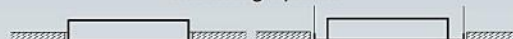


KFT 228-522 V T5





Mounting options



Body: white powder coated steel, RAL 9003, glossy.

Optical system: aluminium reflector, can be mounted or dismantled without tools.

Reflector variations:

-522 V glossy, the parabolic longitudinal reflectors and cross louvres are made of anodized aluminium,

-524 straight longitudinal reflectors are made of glossy anodized aluminium, the cross louvres are made of matted anodised aluminium profile.

Electrical structure: available with electronic ballast, warm ignition, EEI=A2, marked with "E" at the end of the type name with dimming electronic ballast, EEI=A1, marked with "ED" at the end of the type name /for analog (1-10V), or DALI control signal/.

Light source: T5 (ø16mm): 14, 24, 28, 35, 49, 54, 80 W, straight bipin fluorescent tube, G5.

Wiring: PVC insulated solid copper wire, with 0,5mm² cross-section, heat resistance up to 105°C.

Electrical connection: 3 pole terminal block, up to 2,5mm² cross-section.

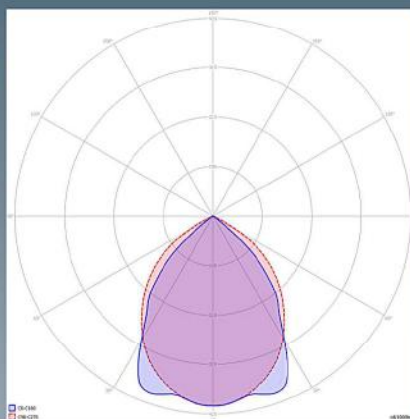
Emergency lighting unit: built-in, 1 or 3 hours operation, marked with "T" at the end of type name.

Accessories: the accessory kit for the recessed mounting must be ordered separately.

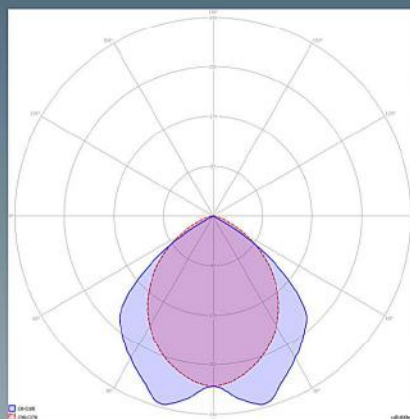
Application options: entrance rooms, lecture rooms, computer rooms, offices, conference and meeting rooms, shops, museums, etc.

Recessed, with aluminium profile louvers

Type	Power /light source/	Energy class of the luminaire	Dimensions /mm/					Weight /kg/
			A	A1	B	C	F	
MODUL S 418-322	4x18W	A	596	615	596	81	450x300	4.70
MODUL S 418-324	4x18W	A	596	615	596	81	450x300	4.70

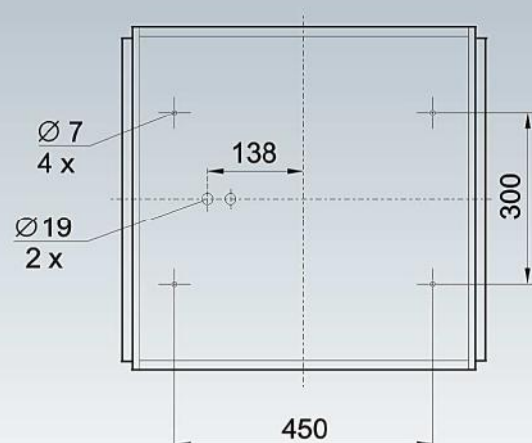
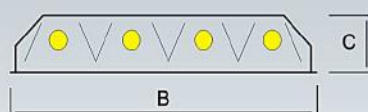
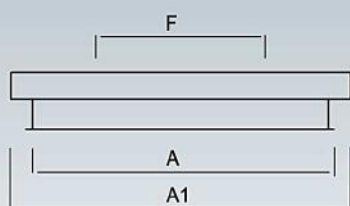


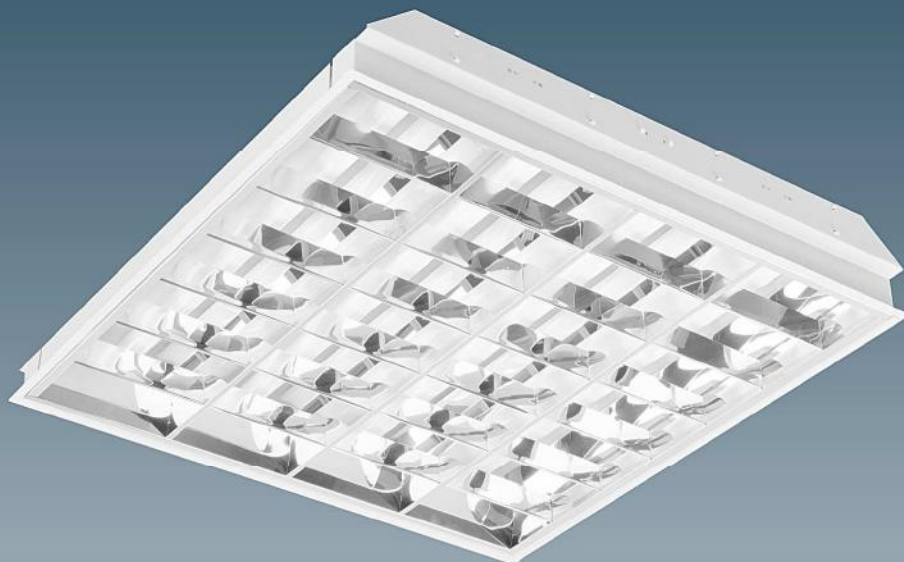
MODUL S 418-322 V



MODUL S 418-324

A





Mounting options



Body: white powder coated steel, RAL 9003, glossy.

Optical system: aluminium reflector, can be mounted or dismantled without tools.

Reflector variations:

-322 V glossy, the parabolic longitudinal reflectors and cross louvres are made of anodized aluminium,

-524 straight longitudinal reflectors are made of glossy anodized aluminium, the cross louvres are made of matted anodised aluminium profile.

Electrical structure: available with electronic ballast, warm ignition, EEI=A2, marked with "E" at the end of the type name with dimming electronic ballast, EEI=A1, marked with "ED" at the end of the type name /for analog (1-10V), or DALI control signal/.

Light source: T8 (ø26mm): 18 W, straight bipin fluorescent tube, G13.


Wiring: PVC insulated solid copper wire, with 0,5mm² cross-section, heat resistance up to 105°C.

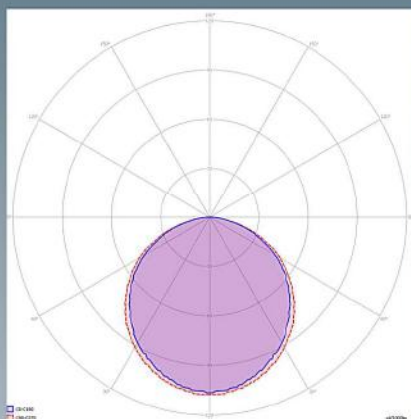
Electrical connection: 3 pole terminal block, up to 2,5mm² cross-section.

Accessories: the accessory kit for the recessed mounting must be ordered separately.

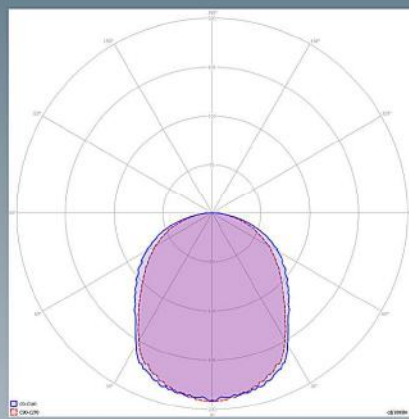
Application options: entrance rooms, lecture rooms, offices, conference and meeting rooms, shops, museums, etc.

Recessed, with plastic sheet enclosure

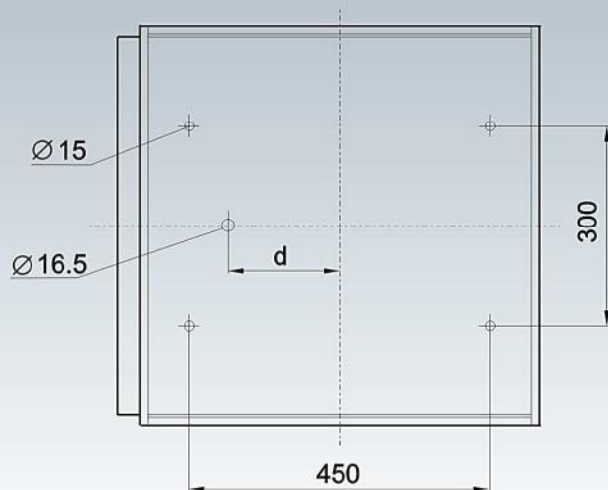
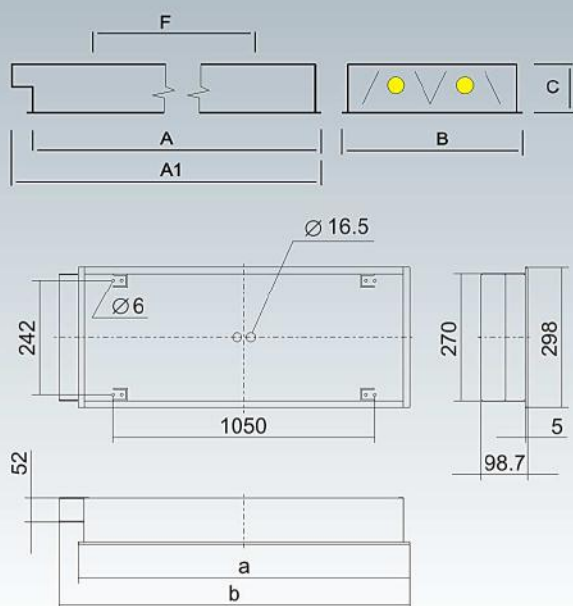
Type	Power /light source/	Energy class of the luminaire	A	A1	Dimensions /mm/				Weight /kg/
KFT 236 AOP /IP	2x36W	B	1198	1238	298	99	1050x242	1184x284	7,30
KFT 236 APR /IP	2x36W	A	1198	1238	298	99	1050x242	1184x284	7,30
KFT 258 AOP /IP	2x58W	B	1498	1538	298	99	1050x242	1484x284	8,90
KFT 258 APR /IP	2x58W	A	1498	1538	298	99	1050x242	1484x284	8,90
KFT 418 AOP /IP	4x18W	B	598	623	598	101	450x300	586x586	7,20
KFT 418 APR /IP	4x18W	A, B	598	623	598	101	450x300	586x586	7,20

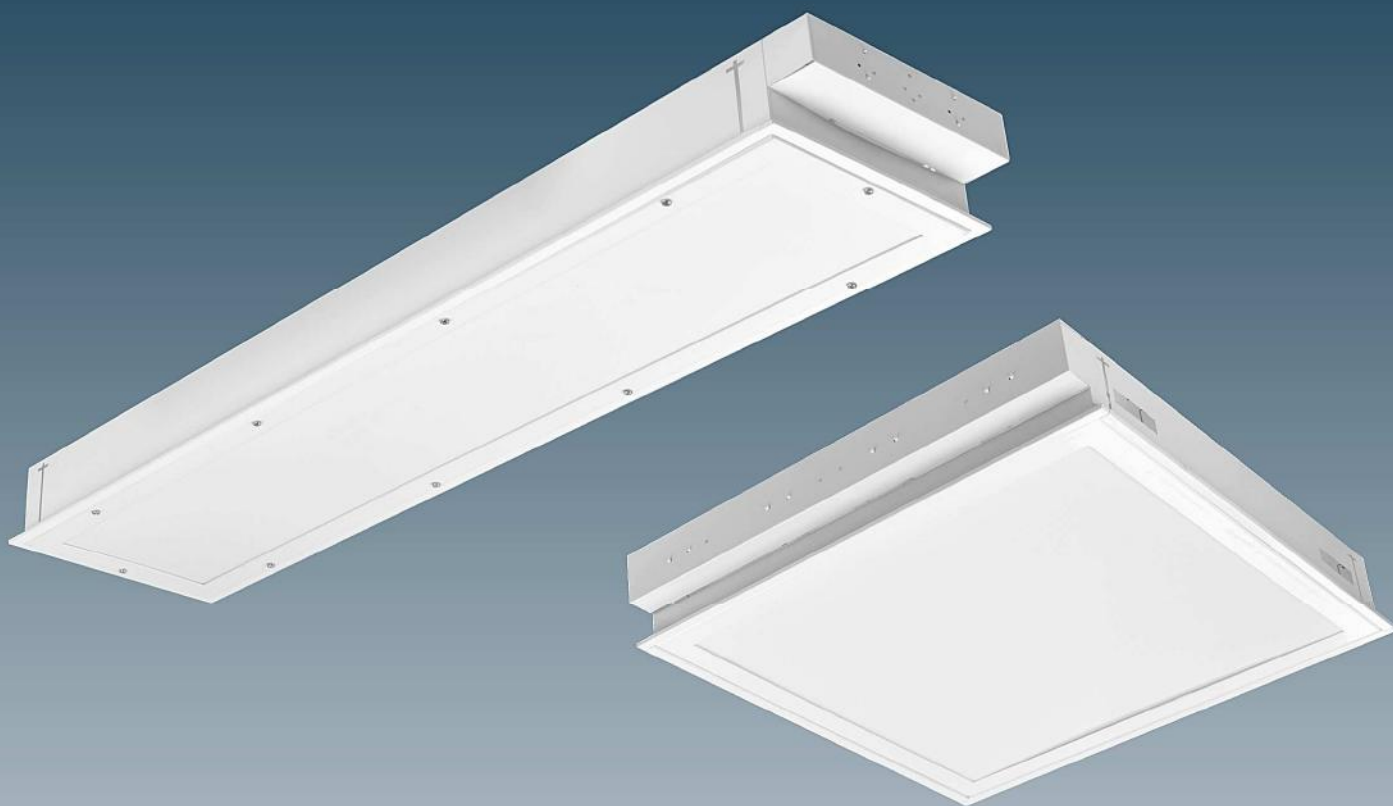


KFT 236-AOP

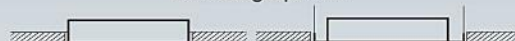


KFT 236-APR





Mounting options



Body: white powder coated steel, RAL 9003, glossy.

Optical system variations:

-AOP enclosed with opal plastic sheet, IP 20

-APR enclosed with prismatic sheet, IP 20

The optical system can be mounted or dismantled without tools.

-AOP IP enclosed with opal plastic sheet, IP 54

-APR IP enclosed with prismatic sheet, IP 54

The optical system can be mounted or dismantled only with tools.

Electrical structure: available with electronic ballast, warm ignition, EEI=A2, marked with "E" at the end of the type name with dimming electronic ballast, EEI=A1, marked with "ED" at the end of the type name /for analog (1-10V), or DALI control signal/.

Light source: T8 (ø26mm): 18, 36, 58 W, straight bipin fluorescent tube, G13.

Wiring: PVC insulated solid copper wire, with 0,5mm² cross-section, heat resistance up to 105°C.


Electrical connection: 3 pole terminal block, up to 2,5mm² cross-section.

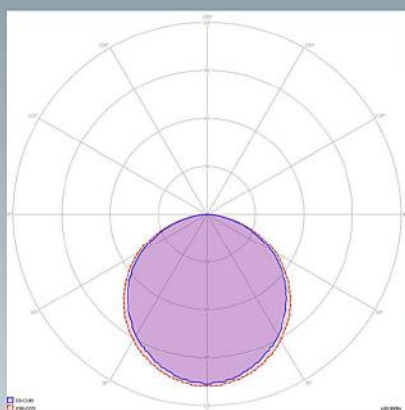
Emergency lighting unit: built-in, 1 or 3 hours operation, marked with "T" at the end of type name.

Accessories: the accessory kit for the recessed mounting must be ordered separately.

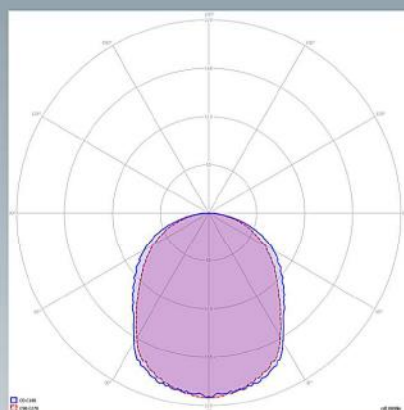
Application options: entrance rooms, lecture rooms, offices, conference and meeting rooms, shops, museums, etc.

Recessed, with plastic sheet enclosure

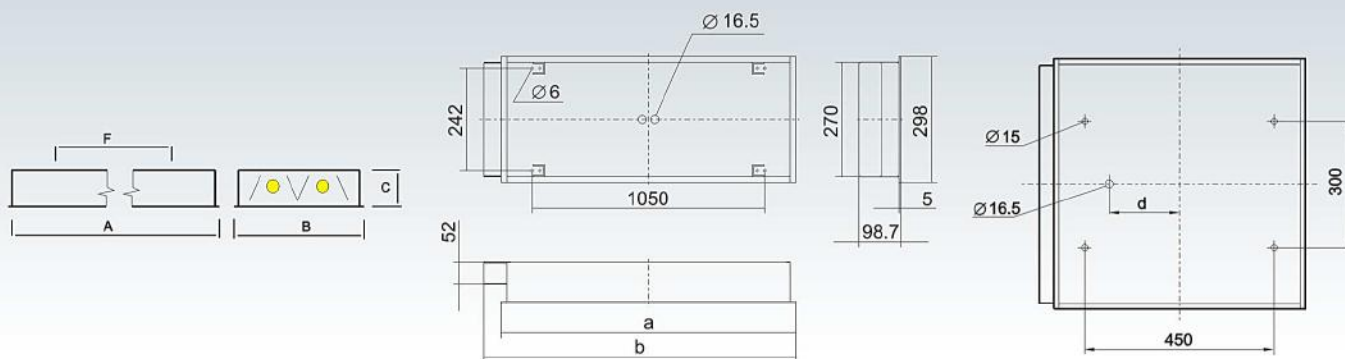
Type	Power /light source/	Energy class of the luminaire	Dimensions /mm/					Weight /kg/
			A	B	C	F		
KFT 228 AOP T5 / IP	2x28W	B	1198	298	99	1050x242	1184x284	6,40
KFT 228 APR T5 / IP	2x28W	B	1198	298	99	1050x242	1184x284	6,40
KFT 254 AOP T5 / IP	2x54W	B	1198	298	99	1050x242	1184x284	6,40
KFT 254 APR T5 / IP	2x54W	A	1198	298	99	1050x242	1184x284	6,40
KFT 235 AOP T5 / IP	2x35W	B	1498	298	99	1050x242	1484x284	6,60
KFT 235 APR T5 / IP	2x35W	A	1498	298	99	1050x242	1484x284	6,60
KFT 249 AOP T5 / IP	2x49W	B	1498	298	99	1050x242	1484x284	6,60
KFT 249 APR T5 / IP	2x49W	A	1498	298	99	1050x242	1484x284	6,60
KFT 280 AOP T5 / IP	2x80W	B	1498	298	99	1050x242	1484x284	6,60
KFT 280 APR T5 / IP	2x80W	A	1498	298	99	1050x242	1484x284	6,60
KFT 414 AOP T5 / IP	4x14W	B	598	598	103	450x300	586x586	6,30
KFT 414 APR T5 / IP	4x14W	A	598	598	103	450x300	586x586	6,30
KFT 424 AOP T5 / IP	4x24W	B	598	598	103	450x300	586x586	6,30
KFT 424 APR T5 / IP	4x24W	B	598	598	103	450x300	586x586	6,30



KFT 228 AOP T5



KFT 228 APR T5





Mounting options



Body: white powder coated steel, RAL 9003, glossy.

Optical system variations:

-AOP enclosed with opal plastic sheet, IP 20

-APR enclosed with prismatic sheet, IP 20

The optical system can be mounted or dismantled without tools.

-AOP IP enclosed with opal plastic sheet, IP 54

-APR IP enclosed with prismatic sheet, IP 54

The optical system can be mounted or dismantled only with tools.

Electrical structure: the basic type made with electronic ballast, EEI=A2, warm ignition.

Available with dimming electronic ballast, EEI=A1, marked with "ED" at the end of the type name /for analog (1-10V), or DALI control signal/.

Light source: T5 (ø16mm): 14, 24, 28, 49, 54, 80 W, straight bipin fluorescent tube, G5.

Wiring: PVC insulated solid copper wire, with 0,5mm² cross-section, heat resistance up to 105°C.

Electrical connection: 3 pole terminal block, up to 2,5mm² cross-section.

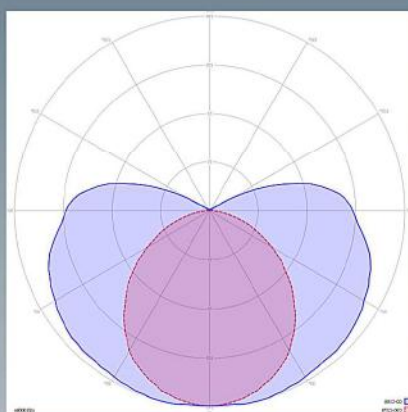
Emergency lighting unit: built-in, 1 or 3 hours operation, marked with "T" at the end of type name.

Accessories: the accessory kit for the recessed mounting must be ordered separately.

Application options: entrance rooms, lecture rooms, offices, conference and meeting rooms, shops, museums, etc.

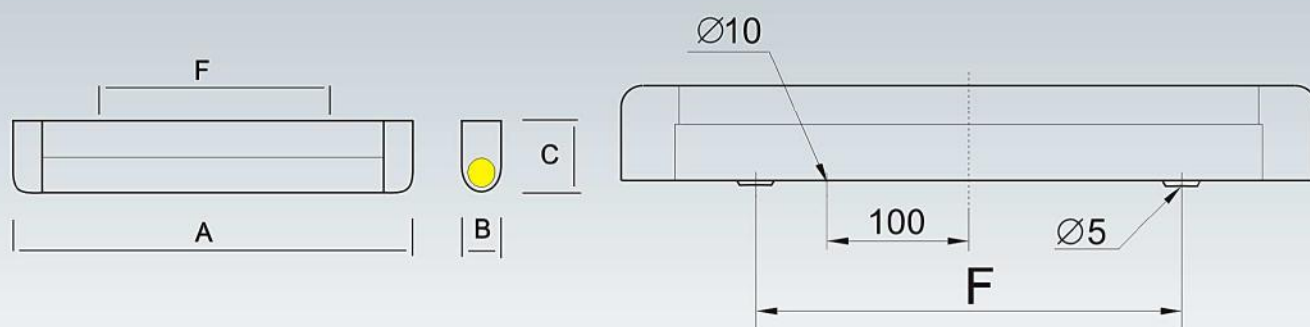
Furniture lighting

Type	Power /light source/	Energy class of the luminaire	Dimensions /mm/				Weight /kg/
			A	B	C	F	
KF 118-26 K E	1x18W	B	643	33	71	450	1.50
KF 118-26 Kbk E	1x18W	B	643	33	71	450	1.50
KF 136-26 K E	1x36W	B	1253	33	71	1050	2.20
KF 136-26 Kbk E	1x36W	B	1253	33	71	1050	2.20



B

KF 136-26 K





Mounting options



Body: white powder coated steel, RAL 9003, glossy.

Optical system: prismatic plastic bowl, can be mounted or dismantled without tools.

Electrical structure: the basic type made with magnetic ballast, without compensation.

Available with electronic ballast, warm ignition, EEL=A2, marked with "E" at the end of the type name.

Light source: T8 (ø26mm): 18W, 36W, 58W straight bipin fluorescent tube, G13.

The luminaire contains the light source.

Wiring: PVC insulated solid copper wire, with 0,5mm² cross-section, heat resistance up to 105°C.

Electrical connection: 3 pole terminal block, up to 2,5mm² cross-section.

With optional built- in switch is possible, marked with "BK" at the end of type name.

Application options: shop windows, exhibition stands, museum storage rooms, aesthetically exacting places, etc.

Some references



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