



LIGHTING FIXTURES FOR EXTREME AMBIENT TEMPERATURES



PITBUL-EX-LED

-20°C to +55/60°C

Linear_Aluminum/Glass



FILA-N-LED

-20°C to +55/60°C

Linear_Metal/304SS/Glass



EXTRA-N-LED

-20°C to +50°C

Linear_PC



SALUKA-N-LED

-20°C to +60°C

Linear_Metal/304SS/Glass



PITBUL-N-LED

-20°C to +55/65°C

Linear_Metal/304SS/Glass



GREY-N-LED

-40°C to +55/60°C

Floodlight/Streetlight_Aluminum/Glass



EXTRA-LED-PLUS/FROST

-40°C to +60/65/70°C

Linear_PC



SALUKA-LED PLUS/FROST

-40°C to +60/65/70°C

Linear_Metal/304SS/Glass



EXTREME-LED-PLUS/FROST

-40°C to +65/70/75°C

Linear_Metal/PC/Glass



GALGO-LED

-20°C to +60°C

Linear_Metal/304SS/PC



GRENDL-LED-PLUS/FROST

-30°C to +65°C

Highbay_Metal/PC



TREE-I-LED

-40°C to +100°C

Highbay_Alu/Glass



SKY-I-LED

-40°C to +100°C

Highbay_Alu/Glass



PITBUL-Ex-LED

IP 65 / zone 1, 21



FTZÚ 16 ATEX 0089X



Application: Dustproof LED luminaire series PITBUL-Ex-LED with resistance against of splashing water is designed for lighting areas with danger of explosion. Luminaire is certified by FTZÚ Ostrava-Radvanice (certificate FTZÚ 16 ATEX 0089X).

Ballast: Electronic 110 – 254 V, 50/60 Hz, 220 – 250 V, 0 Hz DC

Light source: LED, 4000K, CRI +80

Body: White painted metal sheet RAL9003

Cover: Opal tempered safety glass

Fastening: Fastening with M8 screws through the base, with ceiling brackets or adjustable brackets, suspension via suspension brackets, into false ceiling by means of recessed frame, on the pole with set of pole brackets.

Connection: Screwless three-pole terminal block, max. cross section of wires 4,0 mm²

Standard equipment: 1pc plastic cable gland M20x1,5 for diameter of cable 7-12mm, 1pc plastic sealing plug

Calculated lifetime – LED modules:

L80B50 ta 55°C - 50 000h - 418/436

L80B50 ta 60°C - 50 000h - 218/236

PITBUL-Ex-LED, MULTIPITBUL-Ex-LED, PITBUL-Ex-LED-Em

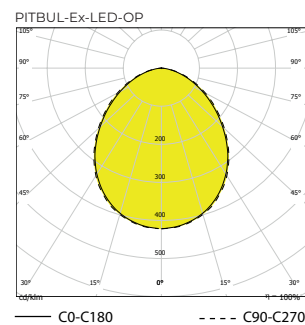
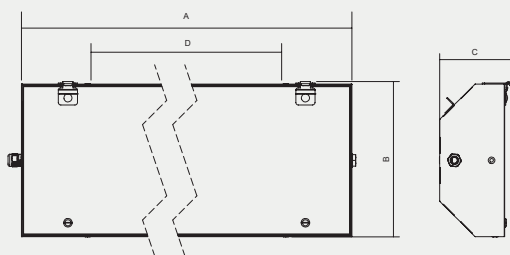
Ⓜ II 2G Ex db eb mb op is IIC T4 Gb

Ⓜ II 2D Ex tb op is IIC T67°C Db

PITBUL-Ex-LED-WOD

Ⓜ II 2G Ex eb mb op is IIC T4 Gb

Ⓜ II 2D Ex tb op is IIC T67°C Db



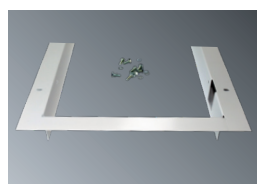
— C0-C180 - - - C90-C270

Standard order number	Name	Lighting fixture luminous flux (lm)	Power input (W)	System efficiency (lm/W)	Ta max (°C)	Lighting fixture dimensions A x B x C (mm)	Mounting hole D (mm)	Weight (kg)
053696	PITBUL-Ex-LED-OP-WOD-4000-218-4K	3373	30	112	60	703x310x142	450	7,7
053697	PITBUL-Ex-LED-OP-WOD-8000-418-4K	6663	51	131	55	703x369x142	450	10,3
053698	PITBUL-Ex-LED-OP-WOD-8000-236-4K	6742	53	127	60	1313x310x142	800	15,1
053699	PITBUL-Ex-LED-OP-WOD-16000-436-4K	13447	102	132	55	1313x369x142	800	19,4
053700	PITBUL-Ex-LED-OP-D-4000-218-4K	3373	30	112	60	703x310x142	450	7,7
053701	PITBUL-Ex-LED-OP-D-8000-418-4K	6663	51	131	55	703x369x142	450	10,3
053702	PITBUL-Ex-LED-OP-D-8000-236-4K	6742	53	127	60	1313x310x142	800	15,1
053703	PITBUL-Ex-LED-OP-D-16000-436-4K	13447	102	132	55	1313x369x142	800	19,4

Tolerance of luminous flux and power input of the lighting fixture +/- 10%

SAFE answers to **HAZARDOUS** questions

Accessories on request



053941	Set of recessed frame PITBUL 1x-3x18W
053942	Set of recessed frame PITBUL 4x18W
053943	Set of recessed frame PITBUL 1x-3x36W
053944	Set of recessed frame PITBUL 4x36W



054935	PITBUL set of ceiling stainless steel brackets-AISI 304 (2pcs)
--------	--



053940	Set of adjustable brackets PITBUL
--------	-----------------------------------



004642	Suspension bracket DIN 580 M8
--------	-------------------------------



051146	PITBUL pole bracket for diameter Ø50mm-AISI 304 (1pc)
--------	---

Accessories for armoured cable M20

008052	Cable gland BIMED M20x1,5 ORION UNIVERSAL (8+/- 0,5Nm)
008091	Sealing plug WISKA EMVS20 M20x1,5 Ex-nickel-plated brass
008093	Nut WISKA EMMU20 M20x1,5-nickel-plated brass
007047N	Flat sealing ring EPDM 27x18,5x1,5mm

Accessories for armoured cable M25

008056	Cable gland BIMED KBA 2M(25) Brass M25x1,5
008089	Explosion-proof plastic plug M25x1,5
008035	Nut WISKA EMMU25 M25x1,5-nickel-plated brass
007075	Flat sealing ring EPDM 32x23,5x1,5mm

Accessories M25

008061	Cable gland OBO V-TEC EX M25x1,5 - 2050331 (5,0 Nm)
008089	Sealing plug plastic Ex M25x1,5
008102	Nut plastic WISKA EMUG 25 M25x1,5 black
007075	Flat sealing ring EPDM 32x23,5x1,5mm

Nickel-plated brass accessories M20

008092	Cable gland WISKA EMSKE20 M20x1,5 Ex-nickel-plated brass
008093	Nut WISKA EMMU20 M20x1,5-nickel-plated brass
008091	Sealing plug WISKA EMVS20 M20x1,5 Ex-nickel-plated brass
007047N	Flat sealing ring EPDM 27x18,5x1,5mm

Lighting fixture detail



008052,008056



008092



008061

System of marking

PITBUL-Ex-LED-XXXX-YYY-WOD	- without disconnector
PITBUL-Ex-LED-XXXX-YYY-D	- with disconnector
PITBUL-Ex-LED-XXXX-YYY-2D	- with two disconnectors
PITBUL-Ex-LED-XXXX-YYY-1F	- one-phase through wiring connection
PITBUL-Ex-LED-XXXX-YYY-3F	- three-phase through wiring connection

XXXX luminous flux value 4000/8000/16000
YYY type of housing 218/236/418/436

On request

EM-1,5/3 - non-maintained emergency lighting

1/3 F - one or three phase through wiring connection, max. cross section of wires 4,0 mm²

MULTI-1,5/3 - maintained emergency lighting

NANO - light fixture is protected by special nanolayer (hydrophobic, oleophobic or antibacterial protection)

3000/4000/6000K - colour temperature

RAL - another paint colour design

NEREZ - body from stainless steel sheet AISI 304 nebo AISI 316 (at stainless steel design is ambient temperature lower about 5-10°C)

Stadard order number	MULTI-1,5H	MULTI-3H	DALI	1F	3F	FROST*	EM
053700	053708	053704	X	053700 1F	053700 3F	053690	053712 PITBUL-Ex-Em-LED-OP-600-218-4K
053701	053709	053705	X	053701 1F	053701 3F	053691	053713 PITBUL-Ex-Em-LED-OP-900-236-4K
053702	053710	053706	X	053702 1F	053702 3F	053692	053714 PITBUL-Ex-Em-LED-OP-400-218-4K
053703	053711	053707	X	053703 1F	053703 3F	053693	053715 PITBUL-Ex-Em-LED-OP-500-236-4K

* luminaire suitable for ambient temperature -40°C

Use of lighting fixtures in areas with danger of explosion	Marking of external influences	Area classification	
		Marking	Directive
Danger of explosion of flammable dusts	BE3N1	ZONE 21,22	ČSN EN 60079-14, ČSN EN 60079-10-2
Danger of explosion of flammable gases and vapours	BE3N2	ZONE 1,2	ČSN EN 60079-14, ČSN EN 60079-10-1

STL International Ltd

Hill Farm, Linton Hill, Maidstone, Kent, ME17 4AL, UK T. +44 (0)1622 749633 eMail. solutions@stl-int.co.uk Web. www.stl-int.co.uk



FILA-N-LED

IP 66 / zone 2, 21 / 2, 22

5 year warranty



FTZÚ 20 ATEX 0075X, FTZÚ 20 ATEX 0077X



Application: The dustproof recessed lighting fixture FILA-N-LED with splash water resistance is designed for areas with danger of explosion. They can be used mainly in paint cabins and paint workshops. The lighting fixture is approved by FTZÚ Ostrava - Radvanice (certificate type FTZÚ 20 ATEX 0075X and FTZÚ 20 ATEX 0077X).

Ballast: EVG – electronic 220-240V/50-60Hz AC, EVG – electronic 220-240V, 0 Hz DC

Light source: LED, 4000K, CRI +80, MacAdam3

Housing: Painted steel sheet RAL 9003

Cover: OP – opal tempered safety glass

Reflector: Painted steel sheet RAL 9003

Fastening: Recessed ceiling mounting or surface mounting using a mounting frame

Connection: Screwed connecting terminal block, maximum cable cross section 2.5 mm²

Standard equipment: 1x M20 glands for cable diameter 7-12mm and 1x sealing plug

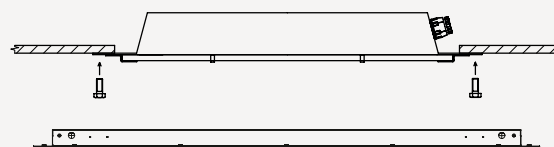
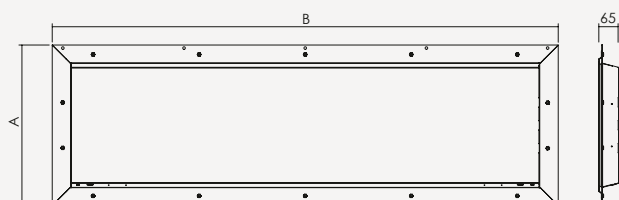
Calculated life time of LED modules: L80B10 ta35 – 70 000 h
L70B10 ta35 – 100 000 h

FILA-N-LED zone 2, 21

Ⓜ II 3G Ex nR IIC T6 Gc
Ⓜ 2D Ex tb op is IIIC T70°C Db

FILA-N-LED zone 2, 22

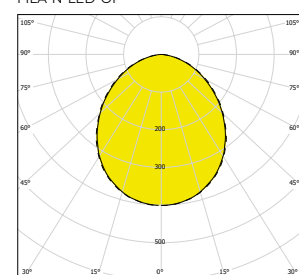
Ⓜ II 3G Ex nR IIC T6 Gc
Ⓜ II 3D Ex tc IIIC T70°C Dc



Order number	Name	Lighting fixture luminous flux (lm)	Power input (W)	System efficiency (lm/W)	Ta max (°C)	Lighting fixture dimensions A x B x C (mm)	Mounting hole (mm)	Weight (kg)
050500	FILA-N-LED-2,21-OP-5000-218-4K	4 372	33	132	65	770x380x65	720x335	9,5
050501	FILA-N-LED-2,21-OP-10000-418-4K	8 847	66	134	50	770x530x65	720x485	16,3
050502	FILA-N-LED-2,21-OP-10000-236-4K	9362	66	142	45	1370x380x65	1320x335	20,9
050503	FILA-N-LED-2,21-OP-18300-436-4K	16 354	117	140	50	1370x530x65	1320x485	13,4
050504	FILA-N-LED-2,21-OP-15000-258-4K	13580	101	134	45	1670x380x65	1620x335	22,4
050505	FILA-N-LED-2,21-OP-29000-458-4K	25692	188	137	40	1670x530x65	1620x485	27,7

Tolerance of luminous flux and power input of the lighting fixture +/- 10%

FILA-N-LED-OP



— C0-C180 - - - C90-C270

Accessories on request

Standard cable glands M20

008060	Plastic cable gland Ex M20x1.5
007047N	Flat sealing ring EPDM 27x18.5x1.5 mm
008097	Plastic nut WISKA EMUG 20 M20x1.5
008090	Sealing plug Ex M20x1.5

Cable glands for armoured cable M20

008052	Cable gland BIMED M20x1,5 ORION UNIVERSAL (8+/- 0,5Nm)
008091	Sealing plug WISKA EMVS20 M20x1,5 Ex - nickel-plated brass
008093	Nut WISKA EMMU20 M20x1,5 - nickel-plated brass
007047N	Flat sealing ring EPDM 27x18,5x1,5 mm

Cable glands for armoured cable M25

008056	BIMED KBA 2M(25) nickel-plated brass M25x1,5
008089	Plastic sealing plug Ex M25x1,5
008035	Nut WISKA EMMU25 M25x1,5 - nickel-plated brass
007075	Flat sealing ring EPDM 32x23,5x1,5 mm

Standard cable glands M25

008061	Cable gland OBO V-TEC EX M25x1,5 2050331 (5,0 Nm)
008089	Plastic sealing plug Ex M25x1,5
008102	Plastic nut WISKA EMUG 25 M25x1,5 black
007075	Flat sealing ring EPDM 32x23,5x1,5 mm

Nickel-plated brass cable glands

008092	Cable gland WISKA EMSKE20 M20x1,5 Ex - nickel-plated brass
008093	Nut WISKA EMMU20 M20x1,5 - nickel-plated brass
008091	Sealing plug WISKA EMVS20 M20x1,5 Ex - nickel-plated brass
007047N	Flat sealing ring EPDM 27x18,5x1,5 mm

Lighting fixture detail



On request

DIM – electronic dimming ballast (DALI)

EM-1,5h/3h - non-maintained emergency mode

MULTI-1,5h/3h - maintained emergency mode

1/3 F - single-phase or three-phase through wiring connection, max. conductor cross-section 2.5 mm²

NANO - lighting fixtures can be protected by a special nanolayer (hydrophobic, oleophobic or antibacterial protection)

Zone 2,22 - version for Zone 2,22

RAL - another paint colour design

NEREZ – housing made of stainless steel

3000/4000/6000K- colour temperature

SURFACE VERTICAL - surface mounted, bevelled vertical wall

SURFACE HORIZONTAL - surface mounted, bevelled horizontal wall

CORNER - corner installation

DIAGONAL - installation under angle

Standard order number	MULTI-1H	MULTI-3H	DALI	1F	3F
050500	050510	050516	050500 DALI	050500 1F	050500 3F
050502	050512	050518	050502 DALI	050502 1F	050502 3F
050504	050514	050520	050504 DALI	050504 1F	050504 3F
050501	050511	050517	050501 DALI	050501 1F	050501 3F
050503	050513	050519	050503 DALI	050503 1F	050503 3F
050505	050515	050521	050505 DALI	050505 1F	050505 3F

Use of lighting fixtures in areas with danger of explosion

Marking of external influences

Area classification

	Marking	Directive
Danger of explosion of flammable dusts	BE3N1	ČSN EN 60079-14, ČSN EN 60079-10-2
Danger of explosion of flammable gases and vapours	BE3N2	ČSN EN 60079-14, ČSN EN 60079-10-1

STL International Ltd

Hill Farm, Linton Hill, Maidstone, Kent, ME17 4AL, UK T. +44 (0)1622 749633 eMail. solutions@stl-int.co.uk Web. www.stl-int.co.uk



EXTRA-N-LED

IP 66 / zone 2, 22

5 year warranty



FTZÚ 16 ATEX 0102X



Application: Dustproof lighting fixture EXTRA-N-LED with splash water resistance designed for lighting of areas with danger of explosion. The lighting fixture is certified by FTZU Ostrava-Radvanice (certificate type FTZU 16 ATEX 0102X).

Ballast: EP – electronic 220 – 240 V, 50/60 Hz, 220 – 240 V, 0 Hz DC

Light source: LED, 4000K, CRI +80, MacAdam3

Housing: Plastic material PC (polycarbonate), grey colour RAL 7035

Diffuser: PC (polycarbonate) opal

Fastening: Surface ceiling or wall mounting by means of two self-locking fastening brackets (standard equipment) or set of wall brackets - angle 45°, pole mounting via set of pole brackets, suspension by means of wire or cable suspenders.

Connection: Screwless three-pole terminal block, maximum diameter of wires 2.5 mm²

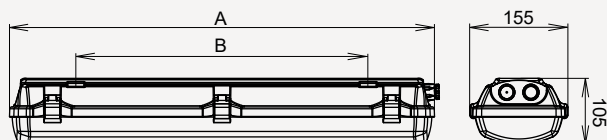
Standard equipment: 1pc EX plastic cable gland M20x1.5 (as a standard for diameter of cable 7-12mm), 1 pc EX plastic plug M20x1.5, 2 pcs stainless steel fastening bracket-AISI 304, stainless clips, double cable clip.

Calculated lifetime – LED modules: L80B10 ta30 – 70 000h, L70B10 ta30 – 100 000h

EXTRA-N-LED, MULTIEXTRA-N-LED, EXTRA-N-LED-Em

Ⓢ II 3G Ex nR IIC T6 Gc

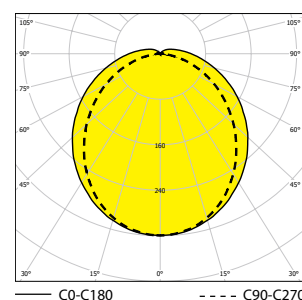
Ⓢ II 3D Ex tc IIIC T62°C Dc



Order number	Name	Lighting fixture luminous flux (lm)	Power input (W)	Rated power output (lm/W)	Ta max (°C)	Dimensions of lighting fixture A (mm)	Mounting spacing B (mm)	Weight (kg)
4000K								
055260	EXTRA-N-LED-1250-218-4K	1089	8	136	40	670	460	1,4
055261	EXTRA-N-LED-2500-218-4K	2177	16	136	45	670	460	1,4
055262	EXTRA-N-LED-5000-218-4K	4310	33	131	40	670	460	1,5
055263	EXTRA-N-LED-2500-236-4K	2227	17	131	45	1280	880	2,3
055264	EXTRA-N-LED-5000-236-4K	4454	33	135	50	1280	880	2,5
055265	EXTRA-N-LED-10000-236-4K	8621	66	131	40	1280	880	2,7
055266	EXTRA-N-LED-3750-258-4K	3341	25	134	45	1580	1000	2,9
055267	EXTRA-N-LED-7500-258-4K	6682	50	134	45	1580	1000	2,8
055268	EXTRA-N-LED-12550-258-4K	10790	80	135	35	1580	1000	3,2

Tolerance of luminous flux and power input of the lighting fixture +/- 10%

EXTRA-N-LED



— C0-C180

---- C90-C270

Accessories on request

	Suspended mounting			064643 Set of wall brackets - angle 45° EXTRA (2 pcs)
	051131	Cable suspension-EXTRA-2x (3m)		
	Suspended mounting			051157 Pole bracket EXTRA (for Ø 50 mm)
	001696	Wire suspension EXTRA (Chain not included)		
	zpswc10	Zinc plated steel welded chain Inside link dim.: 13 x 4mm dia.1.6mm, 10m bag Max. load: 15kg		
	zpsml10	Zinc plated steel mending link Inside link dim.: 22 x 7mm dia.3.5mm, 10 per bag Max. load: 85kg		
	zpsch10	Zinc plated steel ess hook Length: 34mm Inside eye dim.: 11mm dia.3.0mm, 10 per bag		001748 LAK Protective cage EXTRA 18W
				001749 LAK Protective cage EXTRA 36W
				001750 LAK Protective cage EXTRA 58W

Standard accessories M20		Accessories for armoured cable M20		Nickel-plated accessories M20	
008060	Plastic cable gland Ex M20x1.5	008052	Cable gland BIMED M20x1.5 ORION UNIVERSAL (8+/- 0.5Nm)	008092	Cable gland WISKA EMSKE20 M20x1.5 Ex-nickel-plated brass (8 Nm)
007047N	Flat sealing ring EPDM 27x18.5x1.5 mm	008091	Sealing plug WISKA EMVS20 M20x1.5 Ex-nickel-plated brass	008093	Nut WISKA EMMU20 M20x1.5 - nickel-plated brass
008090	Plastic sealing plug Ex M20x1.5	008093	Nut WISKA EMMU20 M20x1.5 -nickel-plated brass	008091	Sealing plug WISKA EMVS20 M20x1.5 Ex-nickel-plated brass
008097	Plastic nut WISKA EMUG 20 M20x1.5	007047N	Flat sealing ring EPDM 27x18.5x1.5 mm	007047N	Flat sealing ring EPDM 27x18.5x1.5 mm

Lighting fixture detail



On request

DIM – dimmable electronic ballast (DALI,DSI, 1-10V)

GESIS – possibility to equip lighting fixtures with connectors

NANO – lighting fixtures can be protected by special nano-layer (hydrophobic, oleophobic or antibacterial protection) connection,

EM-1/3 - non-maintained emergency lighting

MULTI-1/3 - maintained emergency lighting

2.7K-6.5K - colour temperature

1/3 F - single-phase or three phase through wiring

maximum diameter of wires 2.5 mm²

Stadard order number	MULTI-1H	MULTI-3H	DALI	1F	3F	EM	
055260	055270	055276	055460	055260 1F	055260 3F	055282	EXTRA-N-LED-Em-500-218-4K
055261	055271	055277	055461	055261 1F	055261 3F	055283	EXTRA-N-LED-Em-500-236-4K
055262	X	X	055462	055262 1F	055262 3F	055284	EXTRA-N-LED-Em-500-258-4K
055263	055272	055278	055463	055263 1F	055263 3F	055285	EXTRA-N-LED-Em-500-218-4K
055264	055273	055279	055296	055264 1F	055264 3F	055286	EXTRA-N-LED-Em-500-236-4K
055265	X	X	055464	055265 1F	055265 3F	055287	EXTRA-N-LED-Em-500-258-4K
055266	055274	055280	055465	055266 1F	055266 3F		
055267	055275	055281	055249	055267 1F	055267 3F		
055268	055288*	055289*	055269	055268 1F	055268 3F		

MULTIEXTRA-N-LED-10600-258-4K - max. ta 30°C

Use of lighting fixtures in areas with danger of explosion	Marking of external influences	Area classification	
		Marking	Directive
Danger of explosion of flammable dust	BE3N1	ZONE 22	ČSN EN 60079-14, ČSN EN 60079-10-2
Danger of explosion of flammable gases and vapours	BE3N2	ZONE 2	ČSN EN 60079-14, ČSN EN 60079-10-1

STL International Ltd

Hill Farm, Linton Hill, Maidstone, Kent, ME17 4AL, UK T. +44 (0)1622 749633 eMail. solutions@stl-int.co.uk Web. www.stl-int.co.uk



SALUKA-N-LED

IP 66 / Ex zone 2, 22

5 year warranty



FTZÚ 17 ATEX 0027X



Application: Dustproof lighting fixture SALUKA-N-LED with splash water resistance designed for lighting of areas with danger of explosion. The lighting fixture is certified by FTZU Ostrava-Radvanice (certificate type FTZU 17 ATEX 0027X).

Ballast: EP – electronic 220-240V/50-60Hz, 220-240V, 0 Hz DC

Light source: LED, 4000K, CRI +80, MacAdam3

Housing: White painted steel sheet RAL 9003

Diffuser: Clear hardened safety glass

Reflector: White painted steel sheet RAL 9003

Fastening: Direct surface wall or ceiling mounting, ceiling mounting by means of ceiling brackets or adjustable brackets, wall mounting by means of wall arm brackets, pole mounting by means of pole brackets, suspension via set of suspension hooks (standard equipment)

Connection: Screwless three-pole terminal block, maximum diameter of wires 2.5 mm²

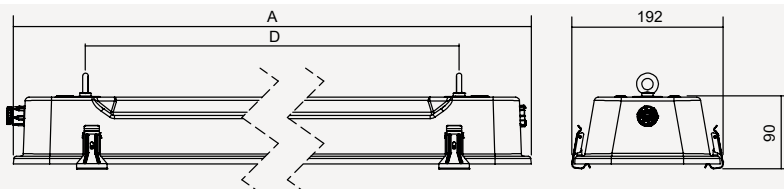
Standard equipment: 1 pc M20 cable gland for diameter of cable 7-12 mm, 1 pc M20 sealing plug, 2 pcs suspending hook, 2 pcs rubber gasket

Calculated lifetime – LED modules: L80B10 ta40 – 70 000h, L70B10 ta40 – 100 000h

SALUKA-N-LED, MULTISALUKA-N-LED, SALUKA-N-LED-Em

Ⓜ II 3G Ex nR IIC T6 Gc

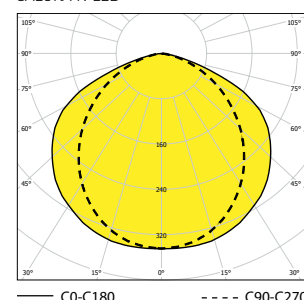
Ⓜ II 3D Ex tc IIIC T65°C Dc



Order number	Name	Lighting fixture luminous flux (lm)	Power input (W)	Rated power output (lm/W)	Ta max (°C)	Dimensions of lighting fixture A x B x C (mm)	Mounting spacing D (mm)	Weight (kg)
056350	SALUKA-N-LED-1250-218-4K	954	8	119	45	705x192x90	510	3,9
056352	SALUKA-N-LED-5000-218-4K	3755	33	114	45	705x192x90	510	3,9
056351	SALUKA-N-LED-2500-218-4K	1908	16	119	45	705x192x90	510	3,8
056353	SALUKA-N-LED-2500-236-4K	1952	17	115	60	1305x192x90	1110	7,1
056354	SALUKA-N-LED-5000-236-4K	3904	33	118	60	1305x192x90	1110	7,1
056355	SALUKA-N-LED-10000-236-4K	7510	66	114	45	1305x192x90	1110	7
056356	SALUKA-N-LED-3750-258-4K	2928	25	117	45	1605x192x90	1410	8,1
056357	SALUKA-N-LED-7500-258-4K	5856	50	117	45	1605x192x90	1410	8,1
056358	SALUKA-N-LED-12550-258-4K	9399	80	117	40	1605x192x90	1410	8,3

Tolerance of luminous flux and power input of the lighting fixture +/- 10%

SALUKA-N-LED



Accessories on request



051139 Set of ceiling brackets SALUKA (2 pcs)



051145 Pole bracket SALUKA stainless steel (for Ø 50 mm)

051146 Pole bracket PITBUL/SALUKA (pro Ø 50 mm)

064018 Pole bracket SALUKA stainless steel (for Ø 40 mm)



063754 Set of adjustable brackets SALUKA (2 ks)



051147 Stainless steel wall arm bracket SALUKA 60° (1 pc)

Standard accessories M20

007047N	Flat sealing ring EPDM 27x18.5x1.5 mm
008060	Cable gland Ex M20x1.5
008097	Plastic nut WISKA EMUG 20 M20x1.5
008090	Sealing plug Ex M20x1.5

Accessories for armoured cable M20

008052	Cable gland BIMED M20x1.5 ORION UNIVERSAL (8+/- 0.5Nm)
008091	Sealing plug WISKA EMVS20 M20x1.5 Ex-nickel-plated brass
008093	Nut WISKA EMMU20 M20x1.5 - nickel-plated brass
007047N	Flat sealing ring EPDM 27x18.5x1.5 mm

Nickel-plated accessories M20

008092	Cable gland WISKA EMSKE20 M20x1.5 Ex-nickel-plated brass (8 Nm)
008093	Nut WISKA EMMU20 M20x1.5 - nickel-plated brass
008091	Sealing plug WISKA EMVS20 M20x1.5 Ex-nickel-plated brass
007047N	Flat sealing ring EPDM 27x18.5x1.5 mm

Lighting fixture detail



On request

DIM – dimmable electronic ballast (DALI,DSI, 1-10V)

GESIS – possibility to equip lighting fixtures with connectors

MULTI-1/3 - maintained emergency lighting

EM-1/3 - non-maintained emergency lighting

NANO - lighting fixtures can be protected by special nano-layer (hydrophobic, oleophobic or antibacterial protection)

2.7K-6.5K - colour temperature

1/3 F - single-phase or three phase through wiring connection, maximum diameter of wires 1.5 mm²

NEREZ – (in case of STAINLESS STEEL version its declared

for ambient temperature decreased about 5-10°C)

Stadard order number	MULTI-1H	MULTI-3H	DALI	1F	3F	EM
056350	056360	056366	056390	056350 1F	056350 3F	056400
056351	056361	056367	056391	056351 1F	056351 3F	056401
056352	X	X	056392	056352 1F	056352 3F	056402
056353	056362	056368	056393	056353 1F	056353 3F	056403
056354	056363	056369	056394	056354 1F	056354 3F	056404
056355	056407*	056410*	056395	056355 1F	056355 3F	056405
056356	056364	056370	056396	056356 1F	056356 3F	
056357	056365	056371	056397	056357 1F	056357 3F	
056358	056408*	056411*	056398	056358 1F	056358 3F	

* contact the technical support

Use of lighting fixtures in areas with danger of explosion

Danger of explosion of flammable dust	BE3N1
Danger of explosion of flammable gases and vapours	BE3N2

Marking of external influences

BE3N1
BE3N2

Area classification

Marking	Directive
ZONE 22	ČSN EN 60079-14, ČSN EN 60079-10-2
ZONE 2	ČSN EN 60079-14, ČSN EN 60079-10-1

STL International Ltd

Hill Farm, Linton Hill, Maidstone, Kent, ME17 4AL, UK T. +44 (0)1622 749633 eMail. solutions@stl-int.co.uk Web. www.stl-int.co.uk



PITBUL-N-LED

IP 65 / zone 2, 22

5 year warranty



FTZÚ 17 ATEX 0129X



Application: Dustproof lighting fixture PITBUL-N-LED with splash water resistance designed for lighting of areas with danger of explosion. The lighting fixture is certified by FTZU Ostrava-Radvanice (certificate type FTZU 17 ATEX 0129X).

Ballast: EP – electronic 220-240 V, 50/60 Hz, 220 – 240 V, 0 Hz DC

Light source: LED, 4000K, CRI +80, MacAdam3

Housing: White painted steel sheet RAL 9003

Diffuser: Opal hardened safety glass

Fastening: Direct surface mounting by means of M8 screws, suspension via suspending brackets, recessed mounting via the frame, ceiling mounting via set of ceiling brackets, pole mounting via set of pole brackets, wall mounting via set of adjustable brackets.

Connection: Screwless three-pole terminal block, maximum diameter of wires 2.5 mm²

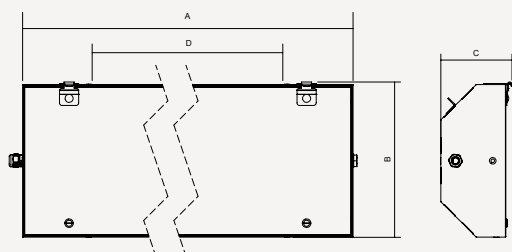
Standard equipment: 1pc EX plastic cable gland M20x1,5 for diameter of cable 7-12mm, 1pc EX plastic sealing plug

Calculated lifetime – LED modules: L80B10 ta35 – 70 000h, L70B10 ta35 – 100 000h

PITBUL-N-LED, MULTIPITBUL-N-LED, PITBUL-N-LED-Em

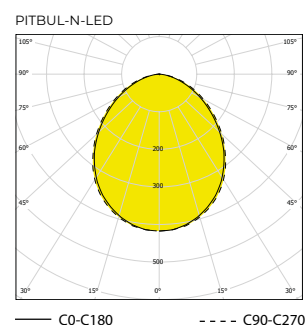
Ⓜ II 3G Ex nR IIC T6 Gc

Ⓜ II 3D Ex tc IIIC T63°C Dc



Order number	Name	Lighting fixture luminous flux (lm)	Power input (W)	Rated power output (lm/W)	Ta max (°C)	Dimensions of lighting fixture A x B x C (mm)	Mounting spacing D (mm)	Weight (kg)
053790	PITBUL-N-LED-OP-5000-218-4K	4470	35	128	65	703x310x142	450	9,1
053791	PITBUL-N-LED-OP-10000-236-4K	8940	70	128	55	1313x310x142	800	13,8
053792	PITBUL-N-LED-OP-15000-258-4K	13410	104	129	55	1613x310x142	1100	16,6
053793	PITBUL-N-LED-OP-10000-418-4K	8899	70	127	55	703x369x142	450	8,9
053794	PITBUL-N-LED-OP-18300-436-4K	15895	121	131	50	1313x369x142	800	16,1
053795	PITBUL-N-LED-OP-29000-458-4K	24845	195	127	45	1613x369x142	1100	19,6

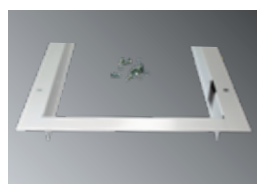
Tolerance of luminous flux and power input of the lighting fixture +/- 10%



SAFE answers to HAZARDOUS questions

Lighting fixtures for areas with danger of explosions

Accessories on request



053941	Set of recessed frame PITBUL 1x-3x18W
053942	Set of recessed frame PITBUL 4x18W
053943	Set of recessed frame PITBUL 1x-3x36W
053944	Set of recessed frame PITBUL 4x36W
053945	Set of recessed frame PITBUL 1x-3x58W
053946	Set of recessed frame PITBUL 4x58W



054935	Set of stainless steel ceiling brackets PITBUL (2 pcs)
--------	--



053940	Set of adjustable brackets PITBUL
--------	-----------------------------------



004642	Suspension bracket DIN 580 M8 - 1 pc
--------	--------------------------------------



051146	Pole bracket PITBUL (for Ø 50 mm)
--------	-----------------------------------

Accessories for armoured cable M20

008052	Cable gland BIMED M20x1.5 ORION UNIVERSAL (8+/- 0.5Nm)
008091	Sealing plug WISKA EMVS20 M20x1.5 Ex-nickel-plated brass
008093	Nut WISKA EMMU20 M20x1.5 - nickel-plated brass
007047N	Flat sealing ring EPDM 27x18.5x1.5 mm

Accessories for armoured cable M25

008056	BIMED KBA 2M(25) Brass M25x1.5
008089	Plastic Ex sealing plug M25x1.5
008035	Nut WISKA EMMU25 M25x1.5 - nickel-plated brass
007075	Flat sealing ring EPDM 32x23.5x1.5 mm

Accessories M25

008061	Cable gland OBO V-TEC EX M25x1.5 - 2050331 (5.0 Nm)
008089	plastic Ex sealing plug M25x1.5
008102	Plastic nut WISKA EMUG 25 M25x1.5 black
007075	Flat sealing ring EPDM 32x23.5x1.5 mm

Nickel-plated accessories M20

008092	Cable gland WISKA EMSKE20 M20x1.5 Ex-nickel-plated brass (8 Nm)
008093	Nut WISKA EMMU20 M20x1.5 - nickel-plated brass
008091	Sealing plug WISKA EMVS20 M20x1.5 Ex-nickel-plated brass
007047N	Flat sealing ring EPDM 27x18.5x1.5 mm

Lighting fixture detail



On request

DIM – dimmable electronic ballast (DALI,DSI, 1-10V)

GESIS – possibility to equip lighting fixtures with connectors

MULTI-1/3 - maintained emergency lighting

EM-1/3 - non-maintained emergency lighting

NANO – lighting fixtures can be protected by special nano-layer oleophobic or antibacterial protection)

2.7K-6.5K - colour temperature

RAL - other colour scale

1/3 F - single-phase or three phase through wiring connection, maximum diameter of wires 1.5 mm²

NEREZ - housing produced from stainless steel AISI 304 or AISI 316 (in case of STAINLESS STEEL version its declared for ambient temperature decreased about 5-10°C)

Stadard order number	MULTI-1H	MULTI-3H	DALI	1F	3F
053790	053530	053536	053542	053790 1F	053790 3F
053791	053531	053537	053543	053791 1F	053791 3F
053792	053532	053538	053544	053792 1F	053792 3F
053793	053533	053539	053545	053793 1F	053793 3F
053794	053534	053540	053546	053794 1F	053794 3F
053795	053535	053541	053547	053795 1F	053795 3F

Use of lighting fixtures in areas with danger of explosion	Marking of external influences	Area classification	
		Marking	Directive
Danger of explosion of flammable dust	BE3N1	ZONE 22	ČSN EN 60079-14, ČSN EN 60079-10-2
Danger of explosion of flammable gases and vapours	BE3N2	ZONE 2	ČSN EN 60079-14, ČSN EN 60079-10-1

STL International Ltd

Hill Farm, Linton Hill, Maidstone, Kent, ME17 4AL, UK T. +44 (0)1622 749633 eMail. solutions@stl-int.co.uk Web. www.stl-int.co.uk



GREY-N-LED

IP 66

5 year warranty



Usage: Dust proof reflector LED lighting fixture GREY-LED of IP66 degree of protection is intended for illumination of indoor as well as outdoor areas, e.g. billboards, sports facilities, parking-sites, stores, outdoor work areas.

Ballast: EP – electronic - 100–240V, 50/60Hz, 220–240V, 50/60Hz

Body: Aluminium casting, black colour, RAL 9005, MATT

Cover: Hardened safety glass

Optics: S – optics with beam characteristic of symmetrical flood-light AS – optics with beam characteristic of asymmetrical flood-light
H – optics with beam characteristic of symmetrical down-light
AH – optics with beam characteristic of asymmetrical down-light

Fastening: At the bearing surface by means of positionable bracket

Connection: Screw-free, three-pole terminal strip, maximum conductor section area 2.5 mm² **Standard equipment:** 1x packing gland including sealing

Calculated service life of LED modules: L80B10 ta50°C – 60 000h

Minimum temperature: -40°C

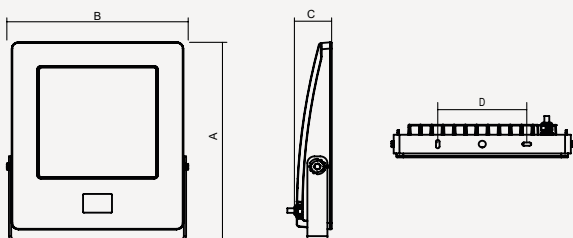
On request: DIM - Dimmable ballast (DALI)



FTZU 20 ATEX 0093X



II Ex nR IIC T6 Gc
II Ex tc IIIC T85°C Dc

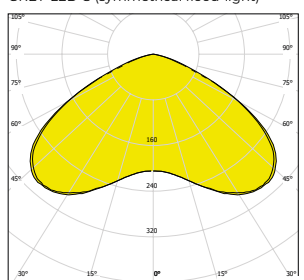


S	AS	H	AH
056900	056901	056902	056903
056904	056905	056906	056907
056908	056909	056910	056911
056912	056913	056914	056915
056916	056917	056918	056919

Order number	Name	Lighting fixture luminous flux (lm)	Power input (W)	Rated power output (lm/W)	Ta max (°C)	Dimensions of lighting fixture A x B x C (mm)	Mounting spacing D (mm)	Weight (kg)
4000K								
056900	GREY-N-LED-S-17000-4K	15933	103	155	60	480 x 400 x 80	200	10
056904	GREY-N-LED-S-18500-4K	17191	113	152	55	480 x 400 x 80	200	10
056908	GREY-N-LED-S-21000-4K	19631	133	148	50	480 x 400 x 80	200	10
056912	GREY-N-LED-S-24500-4K	23108	164	141	55	480 x 400 x 80	200	10
056916	GREY-N-LED-S-29500-4K	27450	206	133	45	480 x 400 x 80	200	10

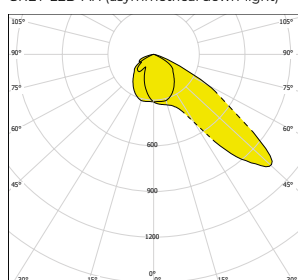
Tolerance of luminous flux and power input of the lighting fixture +/- 10%

GREY-LED-S (symmetrical flood-light)



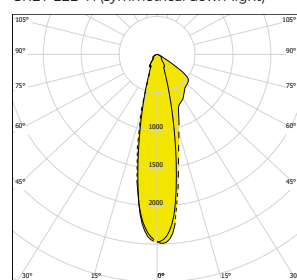
— C0-C180
--- C90-C270

GREY-LED-AH (asymmetrical down-light)



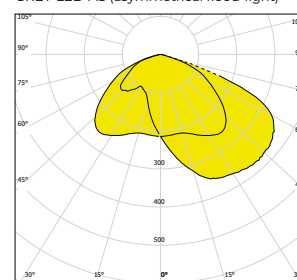
— C0-C180
--- C90-C270

GREY-LED-H (symmetrical down-light)



— C0-C180
--- C90-C270

GREY-LED-AS (asymmetrical flood-light)



— C0-C180
--- C90-C270

STL International Ltd

Hill Farm, Linton Hill, Maidstone, Kent, ME17 4AL, UK T. +44 (0)1622 749633 eMail. solutions@stl-int.co.uk Web. www.stl-int.co.uk



STR-N-LED

5 year warranty

IP 66

LED streetlight for use in hazardous areas, zone 2/22, which can be supplied with a variety of lenses to suit the application.

Applications: Streetlighting, Area lighting

Body: Aluminium alloy, RAL 9005, black

Diffuser: Hardened safety glass

Light source: LED, 4000K, CRI +70, MacAdam3

Optics: DWC: Excellent mix of pole spacing and road width
T2M: Large pole spacing and standard road width
LW1: Large pole spacing and wide roads or area lighting

LED modules (calculated): L80B10 @ta50°C - 60,000hrs

ATEX certified: Zone 2/22



II 3G Ex nR IIC T6 Gc

II 3D Ex tc IIIC T85°C Dc IP66



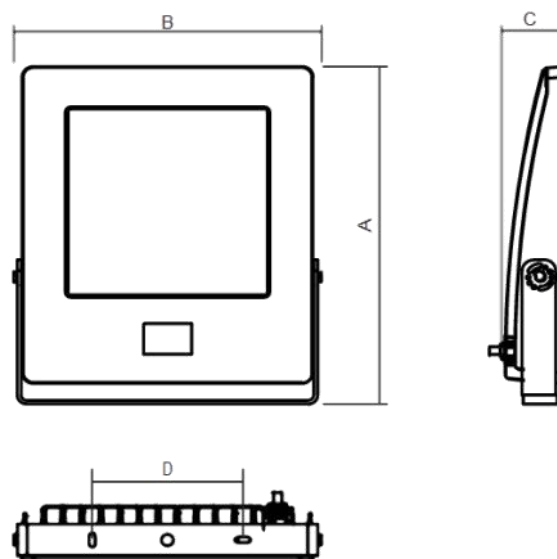
Supply: Dimmable DALI 220-240V 50/60Hz

Entry: 1 x M20 (Exe Plastic gland included)

Termination: Screwless 3-pole terminal block, 2.5mm² max

Mounting: Adjustable U-bracket

Optional: - Unistrut stainless steel pole clamps
58.7-63.5mm or 73.0-79.4mm (other sizes also available)
- Streetlight pole adaptor for floodlight U-bracket
60mm or 76mm pole (side or top mounting)



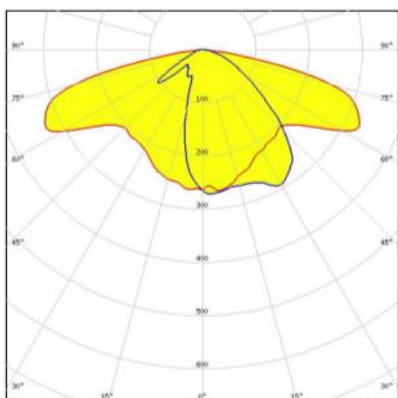
Pole mounting options:



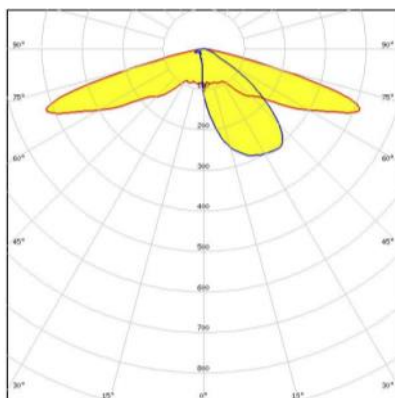
Order Number	Lumen (lm)	Power (W)	Ta Min/Max (°C)	Dimensions AxBxCxD (mm)	Weight (kg)
STR-N-LED-DWC-17000-4K-DALI	6,500-16,000	Up to 105	-40/+60	480 x 400 x 80 x 200	12

DWC-optic lens as standard. To order another optic lens simply replace 'DWC' with 'SCL', or 'LW1'. The lumen output can vary slightly when selecting a different lens. Please contact your local distributor.

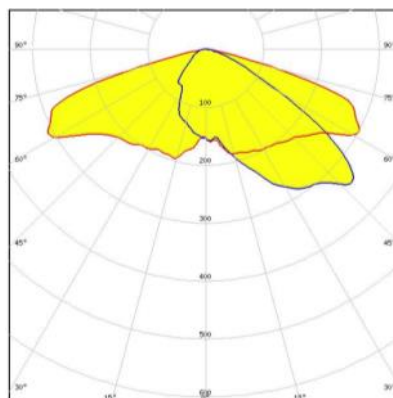
STR-N-LED-DWC



STR-N-LED-T2M



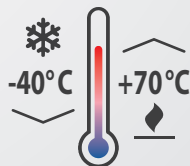
STR-N-LED-LW1





EXTRA-LED-PLUS/FROST

IP 66



5 year warranty



Application: Dustproof luminaire of new generation series EXTRA-LED-PLUS/FROST is designed for industrial areas with extreme temperature conditions.

Ballast: Electronic 220 – 240 V / 50-60 Hz AC, 220-240 V 0 Hz DC

Light source: LED, 4000K, CRI +80, MacAdam3

Body: PC (polycarbonate), RAL7035 (grey)

Cover: PC (polycarbonate) opal

Fastening: Direct fastening on the ceiling or wall with set of fastening springs, with set of suspension brackets, with set of pole brackets, with wire suspenders, with wall brackets -angle 45°.

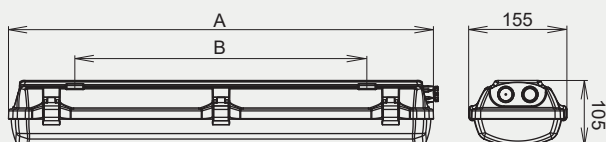
Connection: Screwless three-pole terminal block, max. cross section of wires 2,5 mm².

Standard equipment: 1 pc M20 sealing cable gland for cable 7-12mm, SS clips

Calculated lifetime – LED modules:

L80B10 ta30 – 70 000h

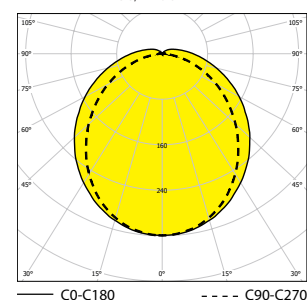
L70B10 ta30 – 100 000h



Order number	Name	Lighting fixture luminous flux (lm)	Power input (W)	Rated power output (lm/W)	Ta max (°C)	Dimension of lighting fixture A x B x C (mm)	Mounting spacing D (mm)	Weight (kg)
054480	EXTRA-LED-PLUS/FROST-1R-5000-236-4K	4347	28	155	70	1280	880	7,1
054481	EXTRA-LED-PLUS/FROST-2R-10000-236-4K	8694	56	155	60	1280	880	7
054482	EXTRA-LED-PLUS/FROST-1R-4750-258-4K	4221	26	162	70	1580	1000	8,1
054483	EXTRA-LED-PLUS/FROST-1R-7500-258-4K	6776	43	158	65	1580	1000	8,1
054484	EXTRA-LED-PLUS/FROST-2R-12500-258-4K	10911	69	158	60	1580	1000	8,3

Tolerance of luminous flux and power input of the lighting fixture +/- 10%

EXTRA-LED-PLUS/FROST



SAFE answers to HAZARDOUS questions

Accessories on request



001696 Wire suspender EXTRA (1pc)



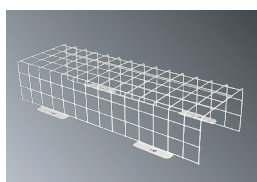
051131 Suspension bracket EXTRA-3m (2pcs)



064643 EXTRA set of wall brackets - angle 45°- (2pcs)



051157 EXTRA pole bracket for diameter Ø50mm



001748 LAK Protective cage EXTRA 18W

001749 LAK Protective cage EXTRA 36W

001750 LAK Protective cage EXTRA 58W



008006N Cable gland ESKV M20x1,5

008088 Pressure compensation plug EVPS 20, grey RAL 7035

008097 Plastic nut WISKA EMUG 20 M20x1,5

Lighting fixture detail



On request

GESIS - possibility to equip light fixtures with connectors
1/3 F - jone or three phase through wiring connection, 2,5 mm²
 max. cross section of wires 2,5 mm²
NANO - light fixture protected by special nanolayer
 (hydrophobic, oleophobic or antibacterial protection)

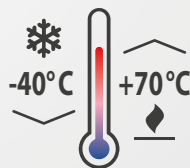
2.7K-6.5K - colour temperature
DIM - electronic dimming ballast (DALI)
NUP - SS ceiling fixing bracket
NSPP - SS clips and SS ceiling fixing bracket

Original item	EM-1H	EM-3H	MULTI-1H	MULTI-3H	DALI	1F	3F
054480	X	X	X	X	X	054480 1F	054480 3F
054481	X	X	X	X	X	054481 1F	054481 3F
054482	X	X	X	X	X	054482 1F	054482 3F
054483	X	X	X	X	X	054483 1F	054483 3F
054484	X	X	X	X	X	054484 1F	054484 3F
054485	X	X	X	X	X	054485 1F	054485 3F
054486	X	X	X	X	X	054486 1F	054486 3F

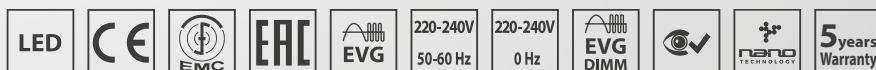


SALUKA-LED-PLUS/FROST

IP 66



5 year warranty



Application: Metal dustproof lighting fixture SALUKA-LED-PLUS/FROST with splash water resistance designed for workshops, garages, industrial and production areas with higher ambient temperature, or warehouses and freezers with low temperature.

Ballast: EP – electronic 220-240 V/50-60 Hz AC, 220-240 V DC

Light source: LED, 4000K, CRI +80, MacAdam3

Housing: White painted steel sheet RAL 9003

Diffuser: Clear hardened safety glass
OP - matt hardened safety glass

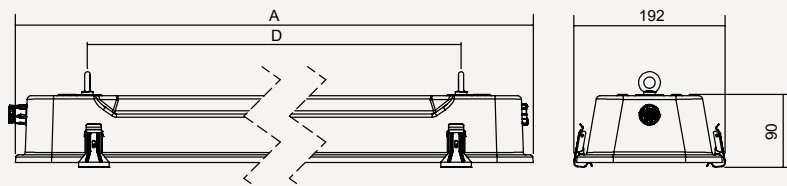
Reflector: White painted steel sheet RAL 9003

Fastening: Direct surface wall or ceiling mounting, ceiling mounting by means of ceiling brackets or adjustable brackets, wall mounting by means of wall arm brackets, pole mounting by means of pole brackets, suspension via set of suspension hooks (standard equipment)

Connection: Screwless three-pole terminal block, maximum diameter of wires 2.5 mm²

Standard equipment: 1 pc M20 cable gland for diameter of cable 7-12 mm, 1 pc M20 sealing plug, 2 pcs suspending hook, 2 pcs rubber gasket

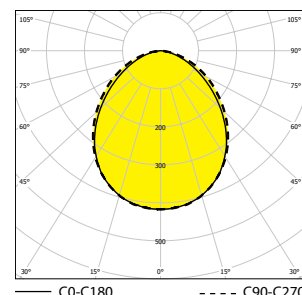
Calculated lifetime – LED modules: L80B10 ta40 – 75 000h
L70B10 ta40 – 110 000h



Order number	Name	Lighting fixture luminous flux (lm)	Power input (W)	Rated power output (lm/W)	Ta max (°C)	Dimensions of lighting fixture A x B x C (mm)	Mounting spacing D (mm)	Weight (kg)
variant PLUS								
053019	SALUKA-LED-PLUS-OP-2500-118-4K	2245	17	132	65	705x192x90	510	3,8
053020	SALUKA-LED-PLUS-OP-5000-218-4K	4223	33	128	60	705x192x90	510	3,9
053021	SALUKA-LED-PLUS-OP-2500-136-4K	2245	17	132	65	1305x192x90	1110	7,1
053022	SALUKA-LED-PLUS-OP-5000-236-4K	4223	33	128	60	1305x192x90	1110	7
053023	SALUKA-LED-PLUS-OP-3500-158-4K	3140	25	126	60	1605x192x90	1410	8,1
053024	SALUKA-LED-PLUS-OP-7500-258-4K	6625	47	141	65	1605x192x90	1410	8,3
053025	SALUKA-LED-PLUS-OP-9600-258-4K	7876	57	138	65	1605x192x90	1410	8,3
053017	SALUKA-LED-PLUS70-OP-5000-236-4K	4270	28	153	70	1305x192x90	1110	7
053018	SALUKA-LED-PLUS70-OP-7500-258-4K	6669	43	155	70	1605x192x90	1410	8,3
variant FROST								
054492	SALUKA-LED-FROST-OP-5000-136-4K	4382	28	157	-40	1305x192x90	1110	7,1
054493	SALUKA-LED-FROST-OP-10000-236-4K	8245	56	147	-40	1305x192x90	1110	7
054494	SALUKA-LED-FROST-OP-4750-158-4K	4255	26	164	-40	1605x192x90	1410	8,1
054495	SALUKA-LED-FROST-OP-7500-258-4K	6830	43	159	-40	1605x192x90	1410	8,3
054496	SALUKA-LED-FROST-OP-12500-258-4K	10348	69	150	-40	1605x192x90	1410	8,3

Tolerance of luminous flux and power input of the lighting fixture +/- 10%

SALUKA-LED-PLUS/FROST-OP



Accessories on request



051139 Set of ceiling brackets SALUKA (2 pcs)



051145 Pole bracket SALUKA stainless steel (for Ø 50 mm)

064018 Pole bracket SALUKA stainless steel (for Ø 40 mm)



063754 Set of adjustable brackets SALUKA (2 pcs)



051147 Stainless steel wall arm bracket SALUKA 60° (1 pc)

Lighting fixture detail



On request

2.7K-6.5K - colour temperature

GESIS – possibility to equip lighting fixtures with connectors

NEREZ - housing produced from stainless steel AISI 304 or AISI 316 (in case of STAINLESS STEEL version its declared for ambient temperature decreased about 5-10°C)

DIM – dimmable electronic ballast (DALI)

1/3 F - single-phase or three phase through wiring connection, maximum diameter of wires 1.5 mm²

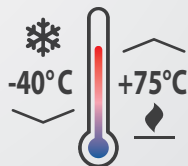
NANO - lighting fixtures can be protected by special nano-layer (hydrophobic, oleophobic or antibacterial protection)

Standard order number	EM-1H	EM-3H	MULTI-1H	MULTI-3H	DALI	1F	3F
variant PLUS							
053019	X	X	X	X	X	053019 1F	053019 3F
053020	X	X	X	X	X	053020 1F	053020 3F
053021	X	X	X	X	X	053021 1F	053021 3F
053022	X	X	X	X	X	053022 1F	053022 3F
053023	X	X	X	X	X	053023 1F	053023 3F
053024	X	X	X	X	X	053024 1F	053024 3F
053025	X	X	X	X	X	053025 1F	053025 3F
variant FROST							
054492	X	X	X	X	X	054492 1F	054492 3F
054493	X	X	X	X	X	054493 1F	054493 3F
054494	X	X	X	X	X	054494 1F	054494 3F
054495	X	X	X	X	X	054495 1F	054495 3F
054496	X	X	X	X	X	054496 1F	054496 3F

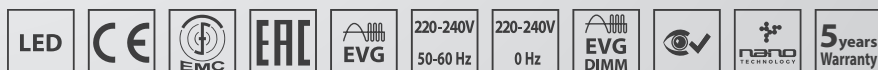


EXTREME-LED-PLUS/FROST

IP 66



5 year warranty



Application: aluminium dustproof luminaire series EXTREME-LED-PLUS/FROST is designed for industrial areas with extreme temperature conditions.

Ballast: electronic 220 – 240 V / 50-60 Hz AC, 220-240 V 0 Hz DC

Light source: LED, 4000K, CRI +80, MacAdam3

Body: Aluminium alloy with eloxal coating finish of surface, plastic sides from polycarbonate at the ends

Cover: Tempered safety glass (opal matt)

Fastening: direct fastening on the ceiling or wall with set of ceiling brackets, suspension with set of steel suspenders

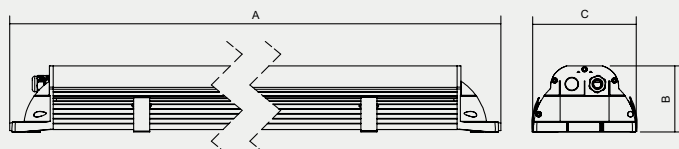
Connection: Screwless three-pole terminal block, max. diameter of wires 2,5 mm²

Standard equipment: 1 pc M20 sealing cable gland for cable 7-12mm, 1 pc M20 sealing plug

Calculated lifetime – LED modules:

L80B10 ta40 – 75 000h

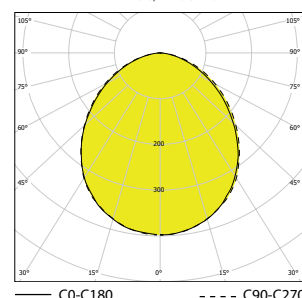
L70B10 ta40 – 110 000h



Order number	Name	Lighting fixture luminous flux (lm)	Power input (W)	Rated power output (lm/W)	Ta max (°C)	Dimension of lighting fixture A x B x C (mm)	Weight (kg)
054465	EXTREME-LED-PLUS/FROST-OP-1R-5000-236-4K	3940	28	141	75	1320x165x105	8
054466	EXTREME-LED-PLUS/FROST-OP-2R-10000-236-4K	7881	56	141	65	1320x165x105	8
054467	EXTREME-LED-PLUS/FROST-OP-1R-4750-258-4K	3826	26	147	75	1620x165x105	10
054468	EXTREME-LED-PLUS/FROST-OP-1R-7500-258-4K	6142	43	143	70	1620x165x105	10
054469	EXTREME-LED-PLUS/FROST-OP-2R-12500-258-4K	9891	69	143	65	1620x165x105	10

Tolerance of luminous flux and power input of the lighting fixture +/- 10%

EXTREME-LED-PLUS/FROST-OP



SAFE answers to HAZARDOUS questions

Accessories on request



008006N	Cable gland ESKV M20x1,5
008088	Pressure compensation plug EVPS 20, grey RAL 7035
008097	Plastic nut WISKA EMUG 20 M20x1,5

Lighting fixture detail



On request

2.7K-6.5K - colour temperature

GESIS – possibility to equip light fixtures with connectors

1/3 F - one or three phase through wiring connection, max. cross section of wires 2,5 mm²

DIM – electronic dimming ballast (DALI, DSI, 1-10V)

NANO - light fixture protected by special nanolayer (hydrophobic, oleophobic or antibacterial protection)

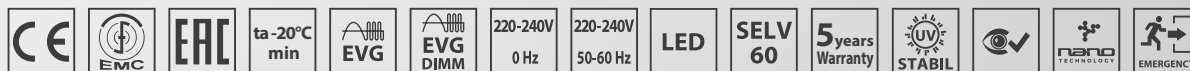
Original item	EM-1H	EM-3H	MULTI-1H	MULTI-3H	DALI	1F	3F
054465	X	X	X	X	X	054465 1F	054465 3F
054466	X	X	X	X	X	054466 1F	054466 3F
054467	X	X	X	X	X	054467 1F	054467 3F
054468	X	X	X	X	X	054468 1F	054468 3F
054469	X	X	X	X	X	054469 1F	054469 3F
054470	X	X	X	X	X	054470 1F	054470 3F
054471	X	X	X	X	X	054471 1F	054471 3F



GALGO-LED

IP 65

5 year warranty



Application: Antivandal lighting fixture GALGO-LED with dust and water jets resistance is designed for areas with high risk of damage, i.e prison cells, psychiatric hospitals, gyms and pedestrian subways.

Ballast: EP – electronic 220-240V /50-60Hz AC, 220-240V DC 0Hz

Light source: LED, 4000K, CRI +80, MacAdam3

Housing: White painted steel sheet RAL 9003

Diffuser: Extremely resistant material PC (polycarbonate)

Fastening: Surface wall or ceiling mounting

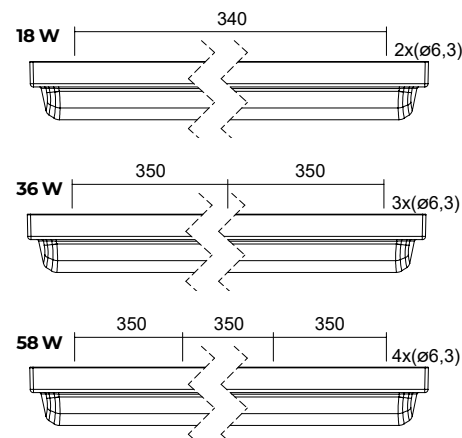
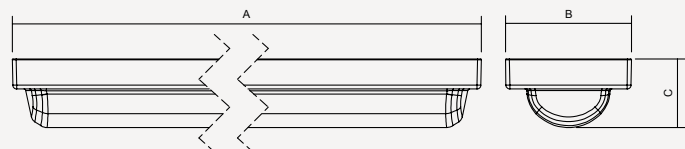
Connection: Screwless three-pole terminal block, maximum diameter of wires 2.5 mm². The lighting fixture is prepared for loop-in (possibility of connection of two cables)

Standard equipment: 2 pcs cable gland, washers with rubber to seal mounting holes, safety screws (it is necessary to order additionally 004778 - Bit for safety screw with socket head and pin s=3)

Calculated lifetime – LED modules:

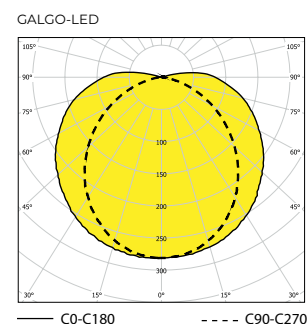
L80B10 ta30 – 70 000h

L70B10 ta30 – 100 000h



Order number	Name	Lighting fixture luminous flux(lm)	Power input (W)	Rated power output (lm/W)	Ta max (°C)	Dimensions of lighting fixture A x B x C (mm)	Weight (kg)
051770	GALGO-LED-1250-118-4K	1110	8	139	40	690x194x108	6,3
051771	GALGO-LED-2500-218-4K	2220	16	139	40	690x194x108	5,5
051772	GALGO-LED-5000-218-4K	4650	33	141	40	690x194x108	6,3
051773	GALGO-LED-2500-136-4K	2271	17	134	60	1300x194x108	11
051774	GALGO-LED-5000-236-4K	4542	33	138	60	1300x194x108	11
051775	GALGO-LED-10000-236-4K	9300	66	141	40	1300x194x108	11
051776	GALGO-LED-3750-158-4K	3406	25	136	50	1600x194x108	13
051777	GALGO-LED-7500-258-4K	6813	50	136	50	1600x194x108	13
051778	GALGO-LED-12550-258-4K	11639	80	145	40	1600x194x108	13

Tolerance of luminous flux and power input of the lighting fixture +/- 10%



On request

Em – non-maintained emergency lighting (1h, 3h)

DIM – dimmable electronic ballast (DSI, DALI)

2.7K-6.5K – colour temperature

MULTI – maintained emergency lighting (1h, 3h)

NANO – lighting fixtures can be protected by special nano-layer (hydrophobic, oleophobic or antibacterial protection)

RAL – other colour scale

MW SENSOR - microwave sensor (if a sensor is required, contact technical support)

NEREZ - housing produced from stainless steel AISI 304 or AISI 316

(in case of STAINLESS STEEL version its declared for ambient

temperature decreased about 5-10°C)

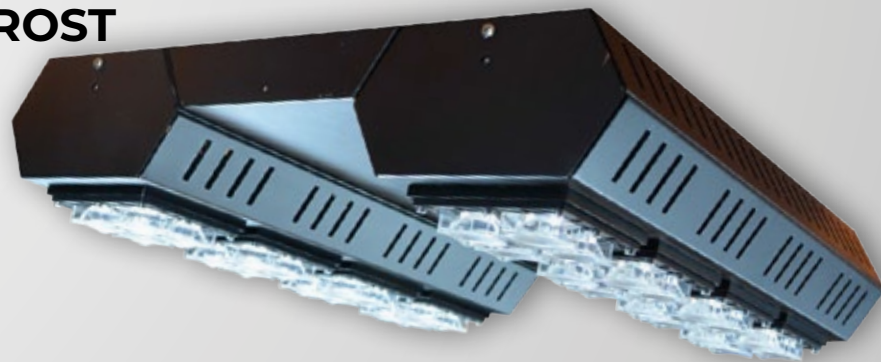
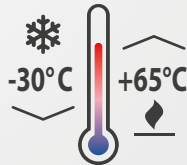
NIGHT LIGHT - equipped with 4-8W LED source for night-time lighting

Stadard order number	EM-1H	EM-3H	MULTI-1H	MULTI-3H	DALI	1F	3F
051770	X	X	051790	X	051770 DALI	X	X
051771	X	X	051780	X	051771 DALI	X	X
051772	X	X	X	X	051772 DALI	X	X
051773	X	X	051791	051793	051773 DALI	X	X
051774	X	X	051781	051784	051774 DALI	X	X
051775	X	X	X	X	051775 DALI	X	X
051776	X	X	051792	051794	051776 DALI	X	X
051777	X	X	051782	051785	051777 DALI	X	X
051778	X	X	X	X	051778 DALI	X	X

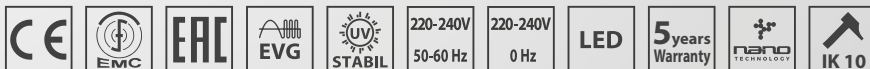


GRENDL-LED-PLUS/FROST

IP 65



5 year warranty



Application: Dustproof high-bay lighting fixture GRENDL-LED-PLUS/FROST is primarily designed for areas, such as warehouse and manufacturing halls. Thanks to its luminous characteristics and power output, the lighting fixture is suitable for mounting at high ceiling areas or at warehouses and freezers with low temperature

Ballast: EP – electronic 220-240 V, 50/60 Hz, 220-240 V, 0 Hz

Light source: LED, 4000K, CRI +80, MacAdam3

Housing: White painted steel sheet, black colour RAL 9005

Optics: S – symmetrical wide beam radiant optics
H – symmetrical narrow beam radiant optics
AH – asymmetrical narrow beam radiant optics
W-60° beam radiant optics

Fastening: Suspension by means of hanging eyes

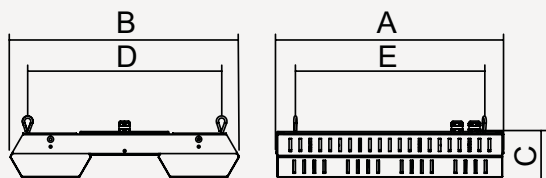
Connection: Screwless three-pole terminal block, maximum diameter of wires 2.5 mm². The lighting fixture is prepared for loop-in (possibility of connection of two cables)

Standard equipment: 2 pc cable gland sealing included for diameter of cable 8-10 mm, 4 pc suspending brackets

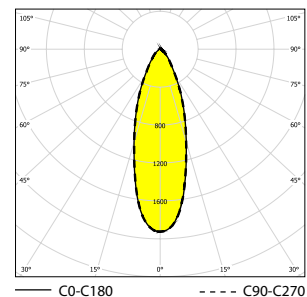
Calculated lifetime – LED modules:

L80B10 ta30 – 60 000h

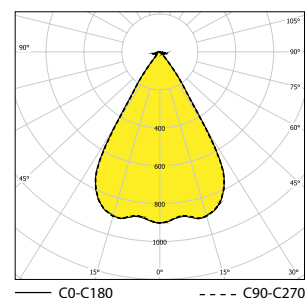
L70B10 ta30 – 90 000h



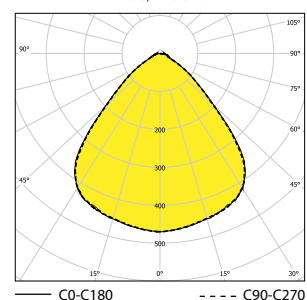
GRENDL-LED-PLUS/FROST-H



GRENDL-LED-PLUS/FROST-W



GRENDL-LED-PLUS/FROST-S



Order number	Name	Lighting fixture luminous flux (lm)	Power input (W)	Rated power output (lm/W)	Ta max (°C)	Dimensions of lighting fixture A x B x C (mm)	Mounting spacing D x E (mm)	Weight (kg)
052656	GRENDL-LED-H-19000-4K-INDUSTRY	17756	135	132	65	465x460x115	380x390	8
052657	GRENDL-LED-S-19000-4K-INDUSTRY	18026	135	134	65	465x460x115	380x390	8
052658	GRENDL-LED-W-19000-4K-INDUSTRY	18516	135	137	65	465x460x115	380x390	8

Tolerance of luminous flux and power input of the lighting fixture +/- 10%

Accessories on request



Suspended mounting

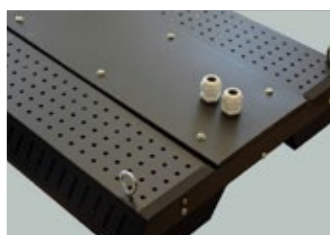
004768 snap-hook 6030 – zinc



Suspended mounting

004754 welded chain DIN 56 C4/4, 0

Lighting fixture detail



On request

NANO – lighting fixtures can be protected by special nano-layer
(hydrophobic, oleophobic or antibacterial protection)

2.7K-6.5K - colour temperature

RAL – other colour scale

Standard order number	EM-1H	EM-3H	MULTI-1H	MULTI-3H	DALI	1F	3F
052656	X	X	X	X	X	X	X
052657	X	X	X	X	X	X	X
052658	X	X	X	X	X	X	X



TREE-I-LED-T100

IP 65



Applications: Locations requiring continuous and consistent light levels in the most challenging ambient conditions up to 100°C

LED light source: LLE Excite, 4000K—6000K, luminaire efficacy up to 127lm/W

Body: Robust body in anodized aluminium with LED driver in separate housing
Modular arrangement to create higher outputs or a more compact body

Diffuser: 3mm toughened glass AGC ClearVision

Protection rating: IP65

Operating temperatures: -40°C to +100°C (TaMAX)

Lifetime of the luminaire: L80B10 > 50,000hours @ Ta+100°C (remote driver up to 30m away in normal ambient temperature)

Optical lenses: Bare LED modules.
No PMMA optics are fitted at ambient temperatures >+80°C

Terminations: Multipole GESIS connector

High Temperature Cable: ÖLFLEX HEAT 180

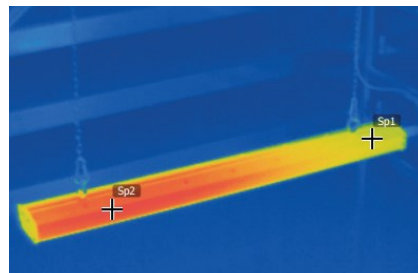
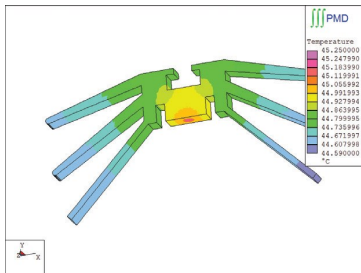
Mounting arrangement: Flexible mounting points in T-slots

Control options: DALI/DSI control optional
Connection to intelligent DALI/KNX control system optional

GESIS connector as standard:

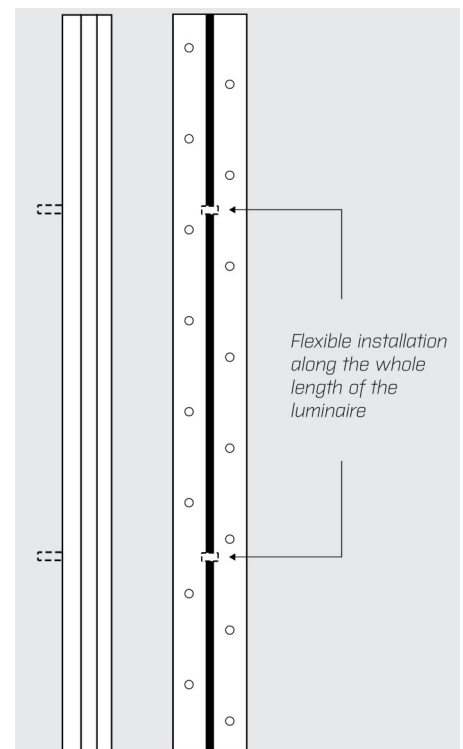


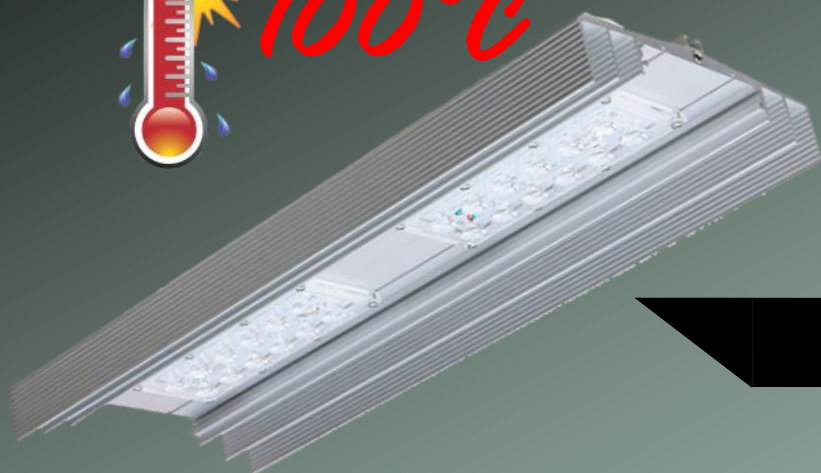
Heat management:



Type	Colour	Lumen	Wattage (W)	Dimensions (Approx)
TREE-I-LED-216-HE-xxx-TAMAX	4000K-6500K	4,451	35	765x100x60
TREE-I-LED-224-HO-xxx-TAMAX	4000K-6500K	5,802	51	765x100x60
TREE-I-LED-316-HE-xxx-TAMAX	4000K-6500K	6,677	53	1044x100x60
TREE-I-LED-324-HO-xxx-TAMAX	4000K-6500K	8,703	77	1044x100x60
TREE-I-LED-416-HE-xxx-TAMAX	4000K-6500K	8,902	70	1331x100x60
TREE-I-LED-424-HO-xxx-TAMAX	4000K-6500K	11,604	102	1331x100x60
Remote driver to suit luminaire (separate housing)				500x60x60

Typical design layout:





SKY-I-LED-T100

IP 65



Applications: Locations requiring continuous and consistent light levels in high bay applications (up to 30m) and in the most challenging ambient conditions

LED light source: CREE XP-L, 4000K—6500K

Body: Robust body in anodized aluminium with LED driver in separate housing
Modular arrangement to create higher outputs or a more compact body

Diffuser: 3mm toughened glass

Protection rating: IP65

Operating temperatures: -40°C to +100°C (TaMAX)

Lifetime of the luminaire: L80B10 > 50,000hours @ Ta+100°C (remote driver up to 30m away in normal ambient temperature)

Optical lenses: Bare Led modules
No PMMA optics are fitted at ambient temperatures >+80°C

Terminations: Multipole GESIS connector

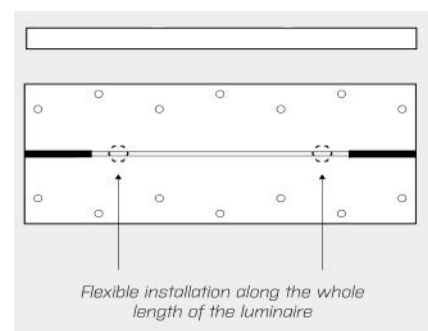
High temperature Cable: ÖLFLEX HEAT 180

Mounting arrangement: Flexible mounting points in T-slots

Control options: DALI/DSI control optional
Connection to intelligent DALI/KNX control system optional

Type	Colour	Lumen	Wattage (W)	Dimensions (Approx)
SKY-I-LED-120-xxx-TAMAX	4000K-6500K	14,480	115	1496x200x70
SKY-I-LED-160-xxx-TAMAX	4000K-6500K	19,310	154	1870x200x70
SKY-I-LED-240-xxx-TAMAX	4000K-6500K	26,818	224	1496x485x70
SKY-I-LED-320-xxx-TAMAX	4000K-6500K	32,182	299	1870x485x70
Remote driver to suit luminaire (separate housing)				500x60x60

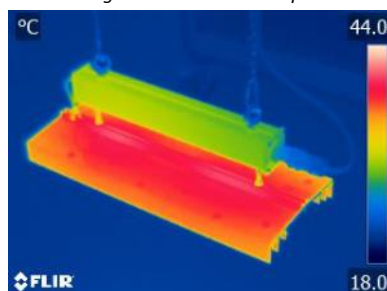
Typical design layout (body only):



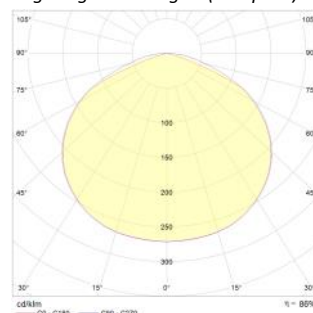
GESIS connector as standard:

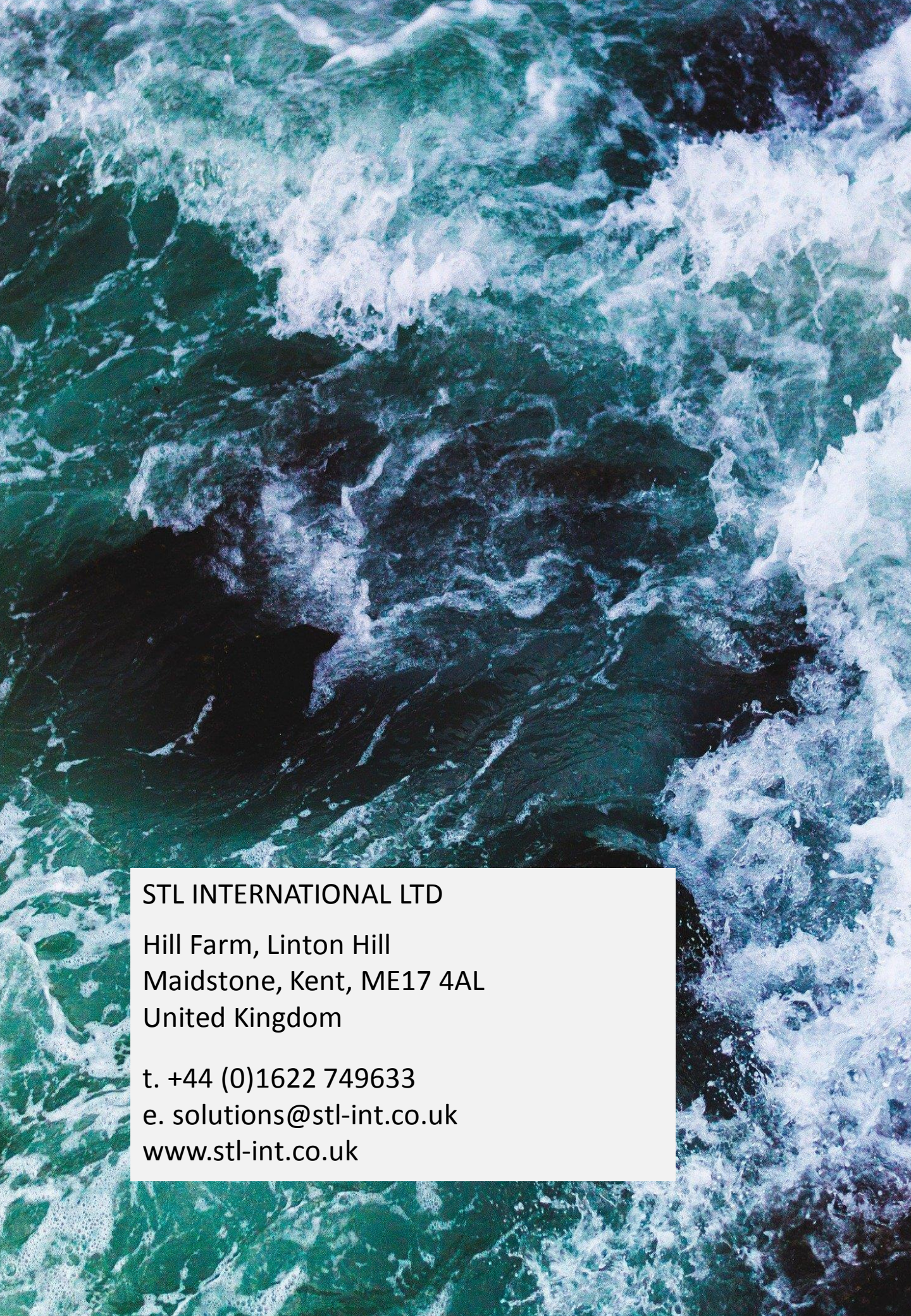


Heat management test when suspended:



Lighting beam angles (no optics):





STL INTERNATIONAL LTD

Hill Farm, Linton Hill
Maidstone, Kent, ME17 4AL
United Kingdom

t. +44 (0)1622 749633
e. solutions@stl-int.co.uk
www.stl-int.co.uk