NEU

AcciaioECO LED

Damp and waterproof luminaire with high impact resistance and top performance:
Linear LED module with parabolic shaped aluminium reflector, specular, for high luminaire efficiency factor, narrow-wide beam. Body made of galvanized sheet steel, powder-coated, with caps made of polycarbonate / polybutylene terephthalate. Diffuser made of tempered glass, structured. Assembly for surface wall mounting, surface ceiling mounting or pendulum.

Advantages:
- high efficiency (max. 111 lm/W)
- up to 42,4% less luminaires and 63,2% less connected load[1]
- easy handling through quick system
- up to 4 times faster mounted and installed
- extremely resistant against mechanical and chemical stress
- optional through wiring
- optional emergency lighting cap
- optional version with SicuroLED inverter as combined general lighting and emergency luminaire
- exchangeable LED module and LED control gear

[1] In comparison to standard luminaires with T5 lamp 80W

LED INSIDE | **LED** **UV-ÖL** **IK09** **IP66**

Technical data

Mounting: surface wall or ceiling mounting, chain / wire suspension

Body: sheet steel, galvanized, powder-coated, grey (RAL 7040)

Caps: polycarbonate / polybutylene terephthalate, grey (RAL 7040)

Diffuser: tempered glass, structured
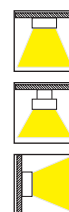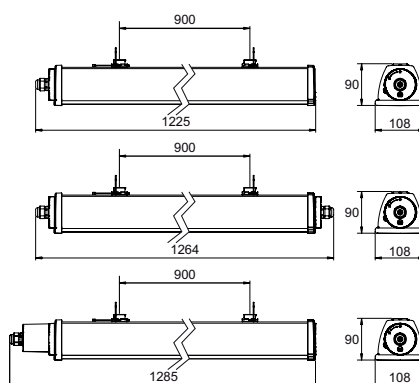
Reflector: aluminium, specular

Control gear: electronic (cos $\varphi \geq 0,9$)

Mains supply: 198 V - 254 V / 50 Hz

Degradation: L80 / mortality: B20

Lifetime: > 60000 h

Ambient temperature: -20 to +40 °C

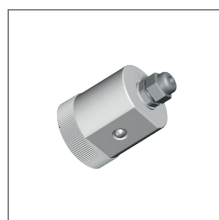| 900		
1225	90	108
900		
1264	90	108
900		
1285	90	108

Accessories to be ordered separately

Emergency lighting cap to upgrade a self-contained emergency luminaire with power LED, special lens and integrated automatic test device Autotest, Logica or Logica FM through exchange of one of the caps of the luminaire.
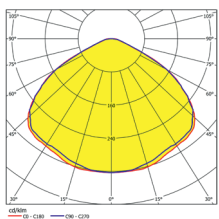
[LOGICA] **[LOGICA]fm**

Order code	Description
20082	Emergency lighting cap LED 1 W (180 lm), NMO, 1 h, NiMH battery 7,2 V / 0,6 Ah, Autotest
20086	Emergency lighting cap LED 1 W (180 lm), NMO, 1 h, NiMH battery 7,2 V / 0,6 Ah, Logica-FM

Lighting data
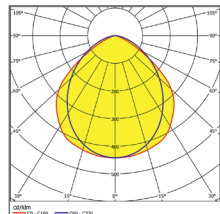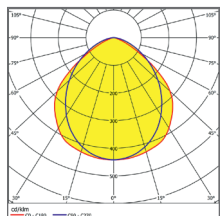

cd/klm C0 - C180   C90 - C270

Light distribution diagram	Order code	Mounting height (m)	Spacing (m) for escape route lighting (1.0 lx) and anti-panic area lighting (0.5 lx)							
			L1		L2		L3		L4	
			1.0 lx	0.5 lx	1.0 lx	0.5 lx	1.0 lx	0.5 lx	1.0 lx	0.5 lx
	20082	2.5	3.4	3.6	8.5	8.4	8.5	8.4	3.4	3.6
	20086	3.0	3.6	3.8	9.2	9.4	9.2	9.4	3.6	3.8
		3.5	3.8	4.1	9.8	10.2	9.8	10.2	3.8	4.1
		4.0	3.7	4.3	10.2	10.8	10.2	10.8	3.7	4.3
		4.5	3.6	4.5	10.5	11.4	10.5	11.4	3.6	4.5
		5.0	3.3	4.5	10.7	11.8	10.6	11.8	3.3	4.5
		6.0	2.5	4.4	10.6	12.5	10.5	12.5	2.4	4.4
		7.0	-	4.2	-	12.9	-	12.9	-	4.2
		7.5	-	3.8	-	13.0	-	13.0	-	3.8

Light distribution diagram	Order code	Type	Lamp	Luminous flux	Light color	Color rendering	Power consumption	Weight	PU
	Versions without through wiring								
	A136E	Acciaio E LED 1 x 36 W D 4 K	LED 17 W	2100 lm	4000 K	>80	19 W	3.2 kg	1
	A236E	Acciaio E LED 2 x 36 W D 4 K	LED 32 W	4000 lm	4000 K	>80	36 W	3.2 kg	1
	A158E	Acciaio E LED 1 x 58 W D 4 K	LED 25 W	3100 lm	4000 K	>80	28 W	3.2 kg	1
	A258E	Acciaio E LED 2 x 58 W D 4 K	LED 52 W	6000 lm	4000 K	>80	55 W	3.2 kg	1
	Versions with through wiring 5 x 1.5 mm								
	A136EP	Acciaio E LED P 1 x 36 W D 4 K	LED 17 W	2100 lm	4000 K	>80	19 W	3.5 kg	1
	A236EP	Acciaio E LED P 2 x 36 W D 4 K	LED 32 W	4000 lm	4000 K	>80	36 W	3.5 kg	1
	A158EP	Acciaio E LED P 1 x 58 W D 4 K	LED 25 W	3100 lm	4000 K	>80	28 W	3.5 kg	1
	A258EP	Acciaio E LED P 2 x 58 W D 4 K	LED 52 W	6000 lm	4000 K	>80	55 W	3.5 kg	1

Version with automatic dimming Logica AutoDimm with integrated light sensor and daylight dependent control of the light flux for implementation of a constant level of lighting as well as optional with centralised monitoring and control through Logica FM Control.

	Order code	Type	Lamp	Luminous flux	Light color	Color rendering	Power consumption	Weight	PU
	Versions without through wiring								
	AD136E	Acciaio E DIM 1 x 36 D 4 K	LED 17 W	2100 lm	4000 K	>80	19 W	3.2 kg	1
	AD236E	Acciaio E DIM 2 x 36 D 4 K	LED 32 W	4000 lm	4000 K	>80	36 W	3.2 kg	1
	AD158E	Acciaio E LED DIM 1 x 58 D 4 K	LED 25 W	3100 lm	4000 K	>80	28 W	3.2 kg	1
	AD258E	Acciaio E LED DIM 2 x 58 D 4 K	LED 52 W	6000 lm	4000 K	>80	55 W	3.2 kg	1
	Versions with through wiring 5 x 1.5 mm								
	AD136EP	Acciaio E LED DIM P 1 x 36W D 4K	LED 17 W	2100 lm	4000 K	>80	19 W	3.5 kg	1
	AD236EP	Acciaio E LED DIM P 2 x 36W D 4K	LED 32 W	4000 lm	4000 K	>80	36 W	3.5 kg	1
	AD158EP	Acciaio E LED DIM P 1 x 58W D 4K	LED 25 W	3100 lm	4000 K	>80	28 W	3.5 kg	1
	AD258EP	Acciaio E LED DIM P 2 x 58W D 4K	LED 52 W	6000 lm	4000 K	>80	55 W	3.5 kg	1

With integrated SicuroLED inverter for operation on the decentralised supply system SicuroLED.
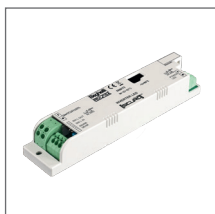
	Order code	Type	Lamp	Luminous flux	Light color	Color rendering	Power consumption	Weight	PU
	A136E-S24	Acciaio E LED 1 x 36 W D 4 K	LED 17 W	2100 lm	4000 K	>80	19 W	3.2 kg	1
	A236E-S24	Acciaio E LED 2 x 36 W D 4 K	LED 32 W	4000 lm	4000 K	>80	36 W	3.2 kg	1
	A158E-S24	Acciaio E LED 1 x 58 W D 4 K	LED 25 W	3100 lm	4000 K	>80	28 W	3.2 kg	1
	A258E-S24	Acciaio E LED 2 x 58 W D 4 K	LED 52 W	6000 lm	4000 K	>80	55 W	3.2 kg	1