ALF 106.1145.830

LTS
LOVE TO SHINE

CE · RoHS · IP44

FAGERHULT

Colours	Article no.	EAN
white	670629	4043544822963

ALF 103.0621...   L = 621
ALF 106.1145...   L = 1145

[mm]
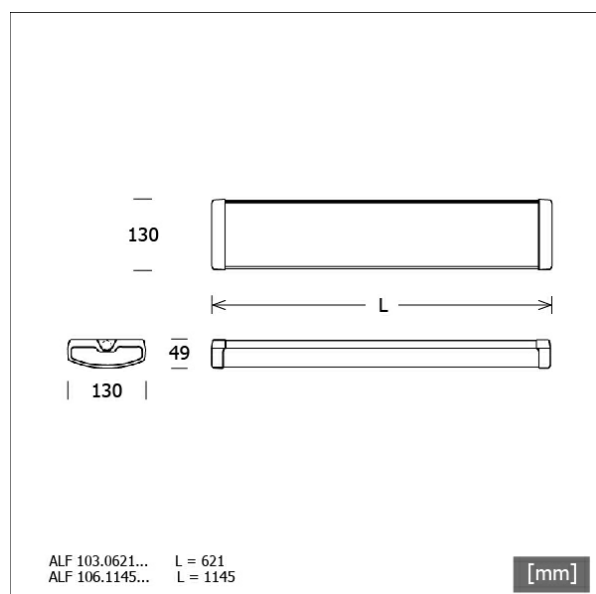
Description

- ceiling luminaire in a modern design with highly efficient LED technology
- internally switchable from 38 W to 28 W system power
- easy maintenance
- no UV and thermal emissions
- housing made from white enamelled and corrosion resistant aluminium zinc
- end covers made from polypropene
- wall brackets and wire-rope suspension available as accessories
- two feeding possibilities on the upper side of the housing
- luminaire provided for 2 x 2.5mm2 through-wiring
- clear prismatic acrylic glass diffuser (optional: opal insert diffuser)
- direct screw mounting on ceiling (with supplied seals IP44)
- 5-pole terminal block
- ballast (LED converter) integrated

Notes

When using an opal diffuser the luminous flux is reduced by 1000 lm.

Standard options

4000 K

Lighting data / Norms

Lamps	LED linear / CRI 80 / 3000 K
Lifetime	L81 B50 100.000 h
System power	38.0 W
Luminaire luminous flux	6030 lm
System efficiency	158.68 lm/W
UGR class	≤ 25
Supply voltage	220 - 240 V / 50 - 60 Hz
Protection class	I
Impact resistance	IK03
Type of protection	IP44

Dimensions / Weights

Length	1145 mm
Width	130 mm
Height	49 mm
Net weight	2.20 kg
Gross weight	2.31 kg
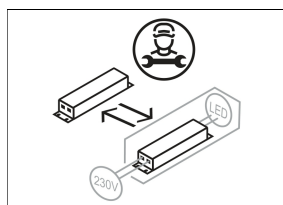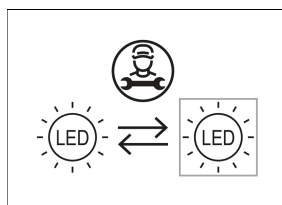
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AllFive (1xLED 38W 830/3000K 6030lm)
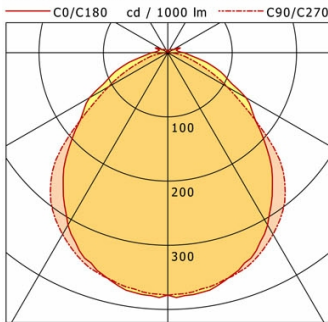
	C0	C90	C180	C270
0°	378	378	378	378
15°	363	364	363	364
30°	310	327	310	327
45°	220	251	220	251
60°	141	107	141	107
75°	66	34	66	34
90°	25	0	25	0
	cd / 1000 lm			

Offset [m]	Cone width [m]	Illuminance [lx]
	C0-C180 Plane	C90-C270 Plane
3.0	7.00 | 7.32	253.1
6.0	14.00 | 14.64	63.3
9.0	21.01 | 21.96	28.1
12.0	28.01 | 29.28	15.8
15.0	35.01 | 36.60	10.1

η		LED
Efficiency		159 lm/W
Direct/Indirect		↓ 96% / ↑ 4%
System Power		38 W
UGR		X=4H, Y=8H
Reflection factors		70/50/20
UGR C0/C180		23.1
UGR C90/C270		22.4
CIE Flux Codes		53 82 95 96 100
Ra/CRI		>80

LTS

Accessories

	ALF-Z 10.03	wire-rope kit 2-fold
	ALF-Z 10.04	wall brackets (2 pieces)
	ALF-Z 10.11-1145	prismatic diffuser (as spare)
	ALF-Z 10.15-1145	insert diffuser opal