



# AD LINEAR XL180

## PRODUCT DATASHEET

Energy efficient luminaire with a long life span for indoor locations. A wide range of customization options available.



## TECHNICAL DATA

### Overall information

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Nominal power	183 W
Luminous flux	27 000 lm
Luminous efficacy	148 lm/W
Color temperature	5000 K (optional 4000 K and 3000 K)
CRI	> 80
Operating voltage	202...254 Vac
Mains frequency	47,5...63 Hz
Power factor $\lambda$	> 0.9
Operating temperature (Ta)	-40°C - +45°C
IP Rating	IP54
Protection class IK (shock resistance)	IK08
Surge Protection	DM 2kV, CM 4kV
Frame material	Recycled aluminium
Frame color	Anodized aluminium
Lighting control	ON/OFF, DALI (DALI-2)
Operating hours	> 100 000 hours
Guarantee	5 years
Country of origin	Finland

## Dimensions (frame), weight & connection

Length 2242 mm

Width 86 mm

Height 77 mm

Weight 8 kg

Type of connection H05VV-F Cable, 3-pole / H05VV-F Cable, 5-pole (DALI)

Connection Pre-installed 2m cable, through wiring optional, Phoenix/Enstonet/Wago Winsta/Wieland -connectors optional, cable length customizable

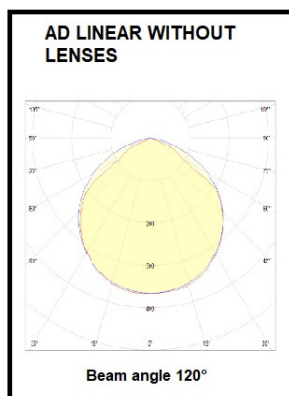
## Mount

Mounting type Surface installation brackets (3 pcs)

Mounting location Rail, hang, ceiling

Mount 3 pcs M6 bolt

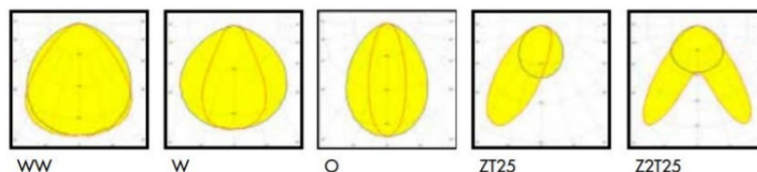
## Light distribution patterns



### LINDA-40

Compatibility: Single row mid-power up to 24 mm wide Zhaga PCBs

Name	Beam type	H	D	Typ. FWHM	Typ. Eff.
LINDA-40-WW	Wide	9	40 x 1140	90	88
LINDA-40-W	Wide	9	40 x 1140	60	84
LINDA-40-O	Oval	9	40 x 1140	86 + 40	87
LINDA-40-ZT25	Asymmetric	9	40 x 1140	Asymm.	83
LINDA-40-ZZT25	Double asymmetric	9	40 x 1140	Asymm.	84



[https://www.ledil.com/wp-content/uploads/2020/03/LEDIL\\_catalogue\\_2020-first-edition\\_V1-1-WEB.pdf](https://www.ledil.com/wp-content/uploads/2020/03/LEDIL_catalogue_2020-first-edition_V1-1-WEB.pdf)

Power and luminous flux +/- 10% (without lenses, transparent diffuser, 5000K, Ta=25C). We reserve the right to make changes.

www.adlux.fi, adlux@adlux.fi, +358 20 5170 300, Juristinkatu 6, 20780 Kaarina, Finland