

Arano – light box

Arano TCS640

Arano is a range of luminaires for TL5 fluorescent lamps and LED light sources, featuring Philips' micro-optics. The patented micro-optic with 3-D lamellae combines a miniaturist design with optimum performance in terms of light distribution, visual comfort and efficiency. And it is fully compliant with the current norm for indoor working places (EN12464-1). Surface-mounted, suspended, free-standing and wall-mounted versions are available – some with direct/indirect lighting – to create a bright, welcoming ambience. Multiple Arano luminaires can be linked to create line arrangements.

Benefits

- Miniaturist design with optimum performance in terms of light distribution, visual comfort and efficiency
- Creates a bright, welcoming ambience with surface-mounted, suspended, free-standing and wall-mounted versions, some with direct/indirect lighting
- Complies fully with the latest office-lighting standards

Features

- Miniaturist design
- TL5 fluorescent lamps
- Micro-optic with 3-D lamellae
- Fully compliant with office-lighting standard EN12464-1
- Mounting individually or in lines

Application

- Offices
- Department stores

Specifications

Type	TCS640
Light source	Fluorescent:
	- 1 x, 2 x, 3 x or 4 x MASTER TL5 / G5 / 14, 24, 28, 35, 49, 54, 80 W

Lamp included	Yes (lamp color 830 or 840)
	No

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Gear	Electronic, 220 - 240 V / 50 - 60 Hz:
	- High Frequency Performer (HFP)
	- High Frequency Regulator, DALI (HFD)
	- High Frequency Regulator (HFR)
	- High Frequency Regulator, touch-switch (HFD-T)
Housing configuration (for line arrangements)	Line end (LE), for ending a line
	Line feature phase 1 (LF), for insertion in a line
Optic	High-gloss optic, 3D micro-lamellae, very high-reflective (C8-VH)
	High-gloss optic, 3D micro-lamellae (C8)
	Semi-high-gloss optic, 3D micro-lamellae, very high-reflective (D8-VH)
	Semi-high-gloss optic, 3D micro-lamellae (D8)
	Matt mirror, ribbed cross louvers (M2)

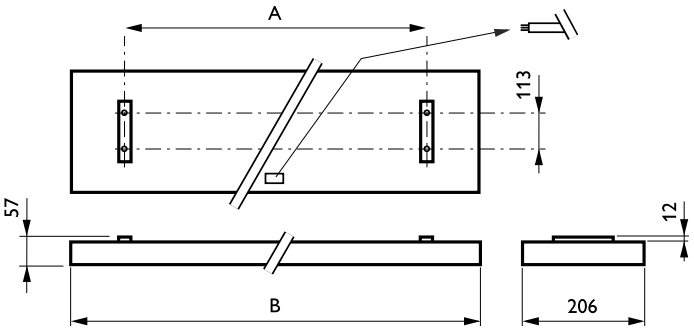
Optical cover	Acrylate micro lens optic (AC-MLO)
	Polycarbonate micro lens optic (PC-MLO)

Specifications

Option	Emergency lighting: 3 hours (EL3)
	Lighting controls:
	- ActiLume multi controller (ACL)
	- Luxsense daylight controller micro (LXM)
	Euro fuse (FU) included
	Connection: cable, length 200 cm, with plug CEE7 (CCE)
	Infill plate (Infill Profile)
Material	Housing: natural anodized aluminum (ALU) or in white (WH)
	End caps: natural anodized aluminum (ALU) or in white (WH)
	Optic: aluminum
	Optical cover:
	- AC-MLO: PMMA, PC-MLO: polycarbonate

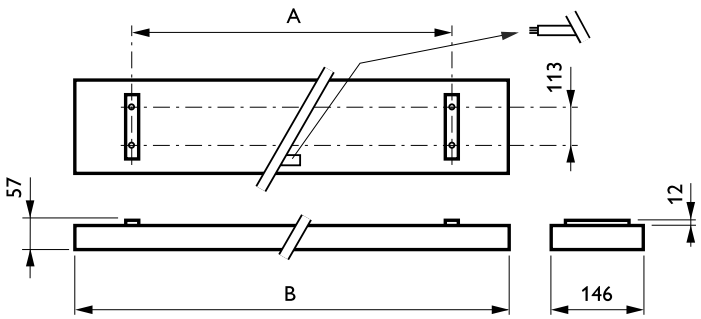
Installation	Individual or in line (rectangular types), mounting by screw fixing
Remarks	MLO optic ensures optimum light distribution and full glare control in all viewing directions compliant with the current norm for indoor working places (EN12464-1, UGR < 19, L < 1000 cd/m
	Dedicated line arrangement luminaires (LE and LF types) include all connection and suspension parts and through-wiring

Dimensional drawing



Product
TCS640 2x54W/830 HFP D8 ALU
TCS640 2x80W/840 HFP D8-VH ALU
TCS640 2x49W/840 HFP C8-VH ALU
TCS640 2x28W/840 HFP M2 FU ALU
TCS640 2x35W/840 HFP PC-MLO ALU
TCS640 2x54W/830 HFR AC-MLO ALU
TCS640 2x35W/830 HFP M2 ALU
TCS640 2x80W/840 HFP AC-MLO ALU
TCS640 2x28W/840 HFP D8 ALU
TCS640 2x35W/840 HFP M2 WH
TCS640 2x54W/830 HFR D8 ALU
TCS640 2x28W/830 HFP D8 WH
TCS640 2x28W/840 HFP M2 WH
TCS640 2x28W/840 HFR C8 WH
TCS640 2x54W/840 HFP D8-VH ALU
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TCS640 2x35W/840 HFP AC-MLO FU ALU

Dimensional drawing



Product
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Product details



The luminaires can be connected in a line arrangement. Dedicated line luminaires are available.

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