



Arano – light box

Arano TPS640/642/644

Arano is a range of luminaires for TL5 fluorescent lamps and LED light sources, featuring Philips' micro-optics. The patented micro-optic with 3D lamellae combines a miniaturist design with optimum performance in terms of light distribution, visual comfort and efficiency. And it is fully in compliance with the latest office-lighting norm (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

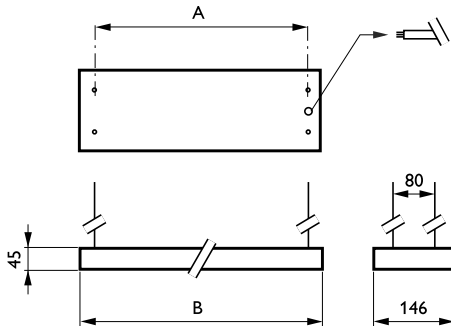
Type	TPS640 (direct lighting)
	TPS642 (direct 70% / indirect 30%)
	TPS644 (direct 30% / indirect 70%)

Light source	Fluorescent: - 1 x or 2 x MASTER TL5 / G5 / 28, 35, 49, 54, 80 W
Lamp included	Yes (lamp color 830 or 840) No

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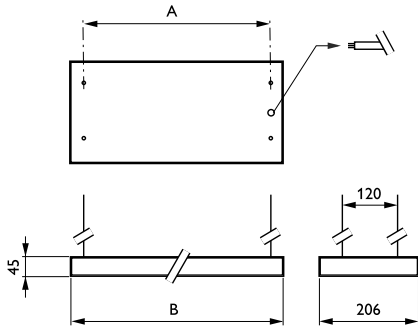
Gear	Electronic, 220 - 240 V / 50 - 60 Hz: - High Frequency Performer (HFP) - High Frequency Regulator, DALI (HFD) - High Frequency Regulator (HFR) - High Frequency Regulator, touch-switch (HFD-T)	Material	Housing: natural anodized aluminum (ALU) or in white (WH) End caps: natural anodized aluminum (ALU) or in white (WH) Optic: aluminum Optical cover: - AC-MLO: PMMA, PC-MLO: polycarbonate
Housing configuration (for line arrangements)	Line end (LE), for ending a line Line feature phase 1 (LF), for insertion in a line	Installation	Individual or in line; suspended mounting with a set of two double steel-wire suspensions (SMS) or with a set of two single steel-wire suspensions, both with metal-like power cord, 150 cm, and ceiling caps
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)	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
Optical cover	Acrylate micro lens optic (AC-MLO) Polycarbonate micro lens optic (PC-MLO)		
Option	Emergency lighting: 3 hours (EL3) Lighting controls: - ActiLume multi controller (ACL) - Luxsense daylight controller micro (LXM) Euro fuse (FU) included		

Dimensional drawing



Product
TPS640 1x28W/840 HFR C8 SMS WH
TPS642 1x35W/840 HFP D8 SMS ALU
TPS642 1x35W/840 HFP C8 SMS WH
TPS642 1x35W/840 HFR C8 SMS WH
TPS642 1x28W/840 HFP PC-MLO SMS ALU
TPS642 1x35W/840 HFP C8 SMS ALU
TPS642 1x54W/830 HFP AC-MLO SM2 ALU
TPS642 1x80W/840 HFP AC-MLO SMS ALU
TPS642 1x54W/830 HFR D8 SM2 ALU
TPS640 1x28W/830 HFP D8-VH SM2 ALU
TPS640 1x54W/840 HFP D8 SMS ALU
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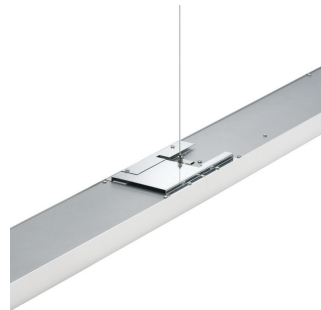
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Product details



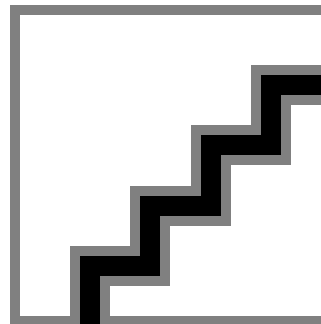
Arano suspended luminaires can be connected in a line arrangement. Dedicated line luminaires are available



Arano suspended luminaires can be connected in a line arrangement



Double-steel-wire suspension set with ceiling fixation and ceiling caps (SMS). Fast fine adjustment can be performed with a clutch device. A metal-like power cord is included



Set of two single-steel-wire suspensions with ceiling fixation (SM2). One ceiling cap is included for the metal-like power cord

