

LS352 2400Lm 18W I 830 WB DALI L1130 ALU Grey/ DARK

Symmetric · 3000 K · IP40 · IK05 · any RAL on request



APPLICATION

LS352 Visionline is an elegant linear luminaire designed for offices, meeting rooms, educational facilities, hotels, retail and other modern public interiors. Its slim aluminium profile, smooth die-cast end caps without visible screws and minimalist design allow it to integrate naturally into contemporary architectural spaces. The luminaire can be suspended, surface-mounted or installed in a track. Standard housing colours are white and dark grey, with other colours and customised lengths available on request. High-quality LEDIL optics provide precise, uniform light distribution with reduced glare and excellent visual comfort. DARKPOINT versions are equipped with black or silver specular glare-reducing baffles. LS352 is available with a luminous flux of up to 5000 lm, CRI 80 or CRI 90 and colour temperatures of 3000K or 4000K. Tunable White versions with an adjustable range from 2700K to 6500K are also available. Control options include On/Off, DALI and Casambi. High-quality European components, Philips Xitanium drivers and a rated life-time of up to 100,000 hours L90B10 ensure reliable and efficient long-term operation.

2400 lm SYSTEM FLUX	18 W INPUT POWER	133 lm/W EFFICACY	3000 K CCT	≥80 CRI	IP40 INGRESS	IK05 IMPACT	100 000 h L90B10
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ELECTRICAL PARAMETERS

Nominal supply voltage	230 (220–240) V AC	Supply voltage range	198–264 V AC
Type of supply current	AC	Supply frequency	50 / 60 Hz
Rated input power	18W	Power factor (PF)	0.98
Driver efficiency at nominal load	92%	Total harmonic distortion (THDi)	<10%
Protection class (electric shock)	I	Inrush current / time	5A 50μsec
Driver type	Philips	Number of luminaires on MCB 16A type B	22

PHOTOMETRIC PARAMETERS

Luminous flux — system	2400lm	Luminous flux — LED module	2800lm
Luminous efficacy — system	133lm/W	Correlated colour temperature (CCT)	3000 K
Colour rendering index Ra (CRI)	≥80	Init. CRI tolerance	±3
Light distribution type	Symmetric	Luminaire beam spread	Wide beam
Optic type	WB	Photobiological safety class	RG1
Flicker — Output PstLM / SVM	≤0.1 / ≤0.2	Colour consistency (SDCM)	< 3 MacAdam steps
Upward light output ratio (ULOR)	0	Luminous flux tolerance	±5 %

CONSTRUCTION & MATERIALS

Luminaire type	Linear suspended	Light source type	LED
Light source replaceable	yes	Cap / base type	Integrated
Housing material	Aluminium profile	Housing coating	Powder coating
Optic material	PMMA	Housing colour (RAL)	any RAL on request
Mounting type	Surface-mounted, suspended, track	Number of gear units	1 pcs

PROTECTION & ENVIRONMENT

IP rating — enclosure	IP40	Impact resistance class IK	IK05
Operating temperature range	-40...+35 °C	Storage temperature range	-40...+65 °C
Glow-wire test	650 °C / 5 s	Relative humidity (max)	N/A

CONTROL & DIMMING

Dimmable	Yes	Control protocol / interface	DALI
Built-in motion / presence sensor	Easyair sensor on request		

RELIABILITY & LIFETIME

Light source lifetime	100000@L90 B10h	Lumen maintenance @ 50 000 h	L95B5
Lumen maintenance @ 100 000 h	L90 B10	Control gear failure rate @ 50 000 h	7 %
Control gear failure rate @ 100 000 h	10%	Maximum case temperature Tc	75°C

CERTIFICATIONS

Warranty period	5 years	CE marking	CE marked
ENEC mark	No	ENEC+ mark	No
UKCA marking	UKCA marked	D4i certified (DALI)	No
EU RoHS compliant	Yes		

STANDARDS & SUSTAINABILITY

Applicable standard	EN-IEC 62722-2-4	ETIM Class	Not determined
Recyclable content ratio	Not determined	Non-virgin material ratio	Not determined
Sustainability rating	Not determined	EAN / UPC	Not determined
Application areas	Offices, meeting rooms, educational facilities, hotels, retail and public interiors		

Environmental data. Embedded carbon, recyclable content and sustainability ratings are provided per article where determined.

Documents. Photometric files (IES / LDT) and installation instructions are available at takton.ee.