DTP110 · ACCENTLIGHTING

DTP110 930lm 25W 940 20-36dgr BK

Adjustable framed · 4000 K · IP20 · IK02 · Black



APPLICATION

Vuex Expo Framing DTP110 is a professional track-mounted projector developed specifically for museums, galleries, exhibitions and premium display applications. Its integrated framing system allows the light beam to be shaped with clean, sharply defined edges, illuminating only the selected artwork, object or surface while minimising unwanted spill light. The adjustable optical system is available with beam ranges of 15–25° or 20–36°, providing precise control over the illuminated area. CRI above 90 reveals colours, textures and fine details accurately. Available in black or white, DTP110 offers curators and lighting designers a precise tool for creating focused, visually controlled exhibition lighting.

930 lm	25 W	37 lm/W	4000 K	≥90	IP20	IK02	50 000 h
SYSTEM FLUX	INPUT POWER	EFFICACY	CCT	CRI	INGRESS	IMPACT	L90B10

ELECTRICAL PARAMETERS

Nominal supply voltage	230 (220–240) V AC	Supply voltage range	220–240 V AC
Type of supply current	AC	Supply frequency	50 / 60 Hz
Rated input power	25W	Power factor (PF)	0.95
Total harmonic distortion (THDi)	<10%	Protection class (electric shock)	II
Driver type	Track adaptor driver		

PHOTOMETRIC PARAMETERS

Luminous flux — system	930lm	Luminous efficacy — system	37lm/W
Correlated colour temperature (CCT)	4000 K	Colour rendering index Ra (CRI)	≥90
Init. CRI tolerance	±3	Light distribution type	Adjustable framed
Luminaire beam spread	20–36°	Optic type	Framing lens
Photobiological safety class	RG1	Colour consistency (SDCM)	< 3 MacAdam steps
Upward light output ratio (ULOR)	0	Luminous flux tolerance	±5 %

CONSTRUCTION & MATERIALS

Luminaire type	Track-mounted framing projector	Light source type	LED
Light source replaceable	Yes	Cap / base type	Integrated
Housing material	Aluminium	Housing coating	Powder-coated
Optic material	Not determined	Optical cover material	Not determined
Housing colour (RAL)	Black	Mounting type	Track-mounted
Number of light sources	1	Number of gear units	1 pcs

PROTECTION & ENVIRONMENT

IP rating — enclosure	IP20	Impact resistance class IK	IK02
Operating temperature range	0...+35 °C	Storage temperature range	-40...+65 °C
Glow-wire test	650 °C / 5 s	Relative humidity (max)	N/A

CONTROL & DIMMING

Dimmable	No	Control protocol / interface	On/off
Dimming range	N/A	Auto-dimming (chronoSTEP)	No
Built-in motion / presence sensor	No	Built-in daylight sensor	No
LED lumen maintenance compensation (CLO)	No	ZHAGA / NEMA socket compatibility	No

RELIABILITY & LIFETIME

Constant Light Output (CLO)	**No**	Light source lifetime	**50000 @ L80 B50 h**
Lumen maintenance @ 50 000 h	**L80 B50**	Control gear failure rate @ 50 000 h	**5 %**

CERTIFICATIONS

Warranty period	**5 years**	CE marking	**Yes**
ENEC mark	**No**	ENEC+ mark	**No**
UKCA marking	**Yes**	D4i certified (DALI)	**No**
EU RoHS compliant	**Yes**	Light source energy efficiency class	**D**

STANDARDS & SUSTAINABILITY

Applicable standard	**EN-IEC 60598-2-1**	ETIM Class	**Not determined**
D-Mark (EN 60598-2-24)	**Not determined**	Non-virgin material ratio	**Not determined**
Sustainability rating	**Not determined**	EAN / UPC	**Not determined**
Application areas	**Museums, galleries, exhibitions and premium display applications**		

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.