DTP110 · ACCENTLIGHTING

DTP110 930lm 25W 940 20-36dgr WH

Adjustable framed · 4000 K · IP20 · IK02 · White



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)	**White**	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.