

DTP112 2900lm 28W 930 20-50dgr BK

Adjustable symmetric · 3000 K · IP20 · IK02 · Black

**APPLICATION**

"Trackzoom DTP112 is a flexible track-mounted LED spotlight especially suitable for museums, galleries, exhibitions, showrooms and retail environments where displays and lighting layouts change regularly. Key specifics: - Adjustable beam angle 20 - 50 degrees - Tool-free zoom mechanism providing focused accent to wide flood without replacing lenses or reflectors - Up to 3 000 lm - CRI >90 - Die cast aluminium body for effective thermal management and long term reliability - Black or White finishing for easy integration in different interior design"

2900 lm SYSTEM FLUX	28 W INPUT POWER	104 lm/W EFFICACY	3000 K CCT	≥90 CRI	IP20 INGRESS	IK02 IMPACT	50 000 h L90B10
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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	28W	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	2900lm	Luminous efficacy — system	104lm/W
Correlated colour temperature (CCT)	3000 K	Colour rendering index Ra (CRI)	≥90
Init. CRI tolerance	±3	Light distribution type	Adjustable symmetric
Luminaire beam spread	20–50°	Optic type	Zoom 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 spotlight	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
Recyclable content ratio	Not determined	Non-virgin material ratio	Not determined
Sustainability rating	Not determined	EAN / UPC	Not determined

Application areas **Museums, galleries, exhibitions, showrooms and retail environments**

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.