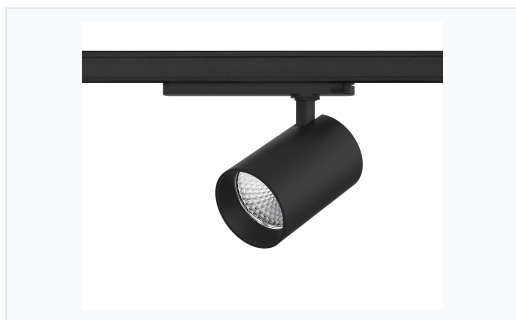


DTP105 4500lm 41W 930 36DG BK DALI

Symmetric · 3000 K · IP20 · IK02 · Black

**APPLICATION**

Optispot L DTP105 is a powerful track-mounted LED spotlight designed for retail spaces, showrooms and commercial interiors requiring high light levels. Delivering up to 4,700 lumens, it is particularly suitable for illuminating large displays, sales areas, architectural features and spaces with higher mounting heights. CRI above 90 ensures accurate and attractive colour reproduction, while 15°, 36° and 60° optical options allow precise adaptation of the light distribution. The adjustable die-cast aluminium body is available in black or white. DALI-2 and Casambi control options provide additional flexibility for creating energy-efficient and dynamic lighting installations.

4500 lm SYSTEM FLUX	41 W INPUT POWER	110 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	41W	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	4500lm	Luminous efficacy — system	110lm/W
Correlated colour temperature (CCT)	3000 K	Colour rendering index Ra (CRI)	≥90
Init. CRI tolerance	±3	Light distribution type	Symmetric
Luminaire beam spread	36°	Optic type	PC / aluminium-coated optic
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	Polycarbonate / aluminium	Optical cover material	Polycarbonate / aluminium
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	Yes	Control protocol / interface	DALI
Dimming range	1–100 %	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	Shops, showrooms, meeting rooms, circulation areas and hospitality		

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.