

DTP107FOOD DTP107 FOOD 3000lm 23W 950 B60DGR WH FFS

Symmetric · 5000 K · IP20 · IK02 · White



APPLICATION

DTP107 FOOD is a track-mounted spotlight designed for professional food presentation in supermarkets, delicatessens, bakeries, butcher shops, seafood departments and fresh produce areas. The luminaire uses Philips Fortimo SLM Food modules with specially tuned light spectra that enhance the characteristic colours of different food groups and make products appear fresh, natural and visually appealing. Several dedicated spectra are available: FPR emphasises red tones and is particularly suitable for fresh meat and charcuterie; FFS provides a fresh, cooler appearance for fish, seafood, vegetables and other fresh products; FWW creates an inviting warm presentation for cheese and warm-coloured food; and PC enhances golden and brown tones and is designed for bread, pastries and other bakery products. All versions provide high colour rendering with CRI 90 or higher. The luminaire combines Philips food-specific LED technology with efficient LEDIL optics and is available with different beam angles for both focused accent lighting and uniform illumination of larger display areas. The recessed light source improves visual comfort and reduces glare. The adjustable die-cast aluminium body can be tilted from 0° to 90° and rotated through 355°, allowing precise positioning of the light on counters, shelves and product displays. DTP107 FOOD is designed for three-circuit track installation and is available in white or black.

3000 lm SYSTEM FLUX	23 W INPUT POWER	130 lm/W EFFICACY	5000 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	23W	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	3000lm	Luminous efficacy — system	130lm/W
Correlated colour temperature (CCT)	5000 K	Colour rendering index Ra (CRI)	≥90
Init. CRI tolerance	±3	Light distribution type	Symmetric
Luminaire beam spread	60°	Optic type	PMMA 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	PMMA	Optical cover material	PMMA
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
Recyclable content ratio	Not determined	Non-virgin material ratio	Not determined
Sustainability rating	Not determined	EAN / UPC	Not determined
Application areas	Supermarkets, delicatessens, bakeries, butcher shops, seafood departments and fresh produce areas		

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.