

PRODUCT DATASHEET

PENTALITE SL DL LDLS7WRBK 7W 5CCT BK R

PENTALITE SLIM 5CCT DOWNLIGHT RECESSED | Downlights



Areas of application

- Residential areas
- Hospitality
- Retail spaces
- Commercial Areas

Product benefits

- Five selectable colour temperatures for versatile and adaptable ambiance
- Creates a smooth, seamless transition from trim to ceiling
- Provides comfortable, flicker-free illumination for visual comfort
- Adapts to various ceiling types
- Complements any interior décor with stylish colour options

Product features

- 5-colour selectable: 3000K/4000K/5000/5700/6500K
- Ultra-slim profile for low-clearance ceilings
- Chamfered engineered edge
- Sturdy spring-loaded clips
- Flicker-free remote driver
- Flush or recessed design
- White or black finishes

TECHNICAL DATA

Electrical data

Nominal wattage	7.00 W
Nominal voltage	220...240 V
Nominal current	32.000 mA
Inrush current	6.28 A
Inrush current time T _{h50}	20 µs
Max. number of luminaires per miniature circuit breaker B16	36
Max. number of luminaires per miniature circuit breaker C10	37
Max. number of luminaires per miniature circuit breaker C16	61
Power factor λ	0.90
Total harmonic distortion	< 20 %
Protection class	II
Operating mode	External LED driver

Photometrical data

Luminous flux	700 lm
Luminous efficacy	100 lm/W
Light color (designation)	Warm White / Cool White / Daylight
Color rendering index Ra	> 80
Standard deviation of color matching	< 4 sdcm
Beam angle	100 °

Dimensions & Weight

Diameter	92.00 mm
Height	38.00 mm
Product weight	163.00 g
Cable length	1000 mm

PENTALITE SL DL LDLS7WR

Materials & Colors

Product color	Black
Housing color	Black
RAL Color (most similar)	RAL 9005
Body material	Polycarbonate (PC)

Cover material	Polycarbonate (PC)
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Application & Mounting

Ambient temperature range	-20...+45 °C
Temperature range at storage	-20...+80 °C
Type of protection	IP54/IP20
Dimmable	Yes
Mounting type	Recessed
Replaceable light source	No

Lifespan

Lifespan L90/B10 at 25 °C	50000 h
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Control gear

Output current	100 mA
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Certificates & Standards

Standards	RCM / CE
Replaceable light source (EPREL)	Not replaceable

Additional product data

Added function	MULTI SELECT
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DOWNLOAD DATA

Documents and certificates	Document name
 User instruction / safety instructions	User instruction PENTALITE SLIM DOWNLIGHT 7W

Photometric and lighting design files	Document name
 IES file (IES)	LDLS7WRBK

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854649271	Folding box 1	95 mm x 68 mm x 95 mm	179.00 g	0.61 dm ³
4099854649288	Shipping box 40	400 mm x 365 mm x 216 mm	7589.00 g	31.54 dm ³

The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products. When placing an order, for the quantity please enter single or multiples of a shipping unit.

DISCLAIMER

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.