



# PRODUCT DATASHEET

## PENTALITE SL DL LDLS7WRWH 7W 5CCT WH 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 $\mu$ s
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 $\lambda$	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 &amp; Weight

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

## PENTALITE SL DL LDLS7WR

## Materials &amp; Colors

Product color	White
Housing color	White
RAL Color (most similar)	RAL 9016
Body material	Polycarbonate (PC)

Cover material	Polycarbonate (PC)			
<b>Application &amp; Mounting</b>				
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			
<b>Lifespan</b>				
Lifespan L90/B10 at 25 °C	50000 h			
<b>Control gear</b>				
Output current	100 mA			
<b>Certificates &amp; Standards</b>				
Standards	RCM / CE			
Replaceable light source (EPREL)	Not replaceable			
<b>Additional product data</b>				
Added function	MULTI SELECT			
<b>DOWNLOAD DATA</b>				
<b>Documents and certificates</b>				
	User instruction / safety instructions	User instruction PENTALITE SLIM DOWNLIGHT 7W		
<b>Photometric and lighting design files</b>				
	IES file (IES)	LDLS7WRWH		
<b>LOGISTICAL DATA</b>				
<b>Product code</b>	<b>Packaging unit (Pieces/Unit)</b>	<b>Dimensions (length x width x height)</b>	<b>Gross weight</b>	<b>Volume</b>
4099854649165	Folding box 1	95 mm x 68 mm x 95 mm	179.00 g	0.61 dm <sup>3</sup>
4099854649172	Shipping box 40	400 mm x 365 mm x 216 mm	7589.00 g	31.54 dm <sup>3</sup>

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.