

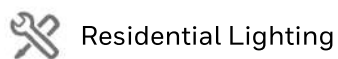


ESSENTIAL SMD DOWNLIGHT



Introducing our Essential SMD Downlight series which offers a versatile and energy-efficient lighting solution, available in both round and square shapes. Designed for seamless integration into various indoor environments. These downlights are suitable for both recessed and surface-mounted installations, these fixtures deliver exceptional lighting performance while maintaining a sleek and modern aesthetic.

APPLICATION AREAS



Residential Lighting

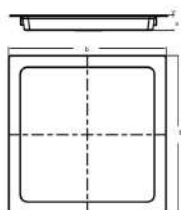


Commercial Lighting

FEATURES

- Choose between classic round and modern square shapes, allowing seamless integration into diverse architectural designs
- Illuminate with stunning efficiency, thanks to our products luminous efficacy up to 90 lm/W with displacement factor > 0.7
- Experience enduring performance with an impressive lifetime of 25,000 hours (L70/B50) with 3 years of warranty
- Effortlessly customize your ambiance with three color temperature options: 3000K, 4000K, and 6500K
- Our Comprehensive range includes specialized products for recessed or surface-mounted installation, available in various cutouts and sizes that allows you to select the perfect fit for your space, ensuring seamless integration and optimal lighting performance
- Experience hassle-free compatibility with our lighting, supporting nominal voltage range of 220-240V and an operating frequency of 50/60Hz
- Designed for hassle-free installation, compatible with standard wiring systems
- Flicker-free, ensuring a stable and comfortable lighting experience without any noticeable flickering or eye strain
- Offer uniform and consistent light distribution, eliminating dark spots and providing even illumination throughout the space
- These fixtures are energy efficient, contain no lead or mercury, and are compliant with hazardous substances restriction requirements of RoHS

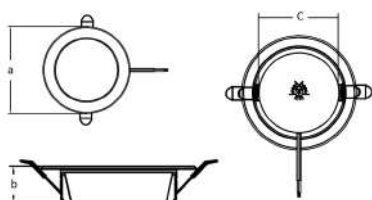
PRODUCT SIZE



SQUARE RECESSED	9W	12W	18W	24W
a	25.5MM	25.5MM	28.5MM	28.5MM
b	145MM	175MM	223MM	298MM



ROUND SURFACE	12W	18W	24W
a	32 MM	32 MM	32 MM
b	168 MM	223 MM	298 MM



ROUND RECESSED	5W	9W	18W	24W
a	100MM	130MM	175MM	220MM
b	33±2MM	35±2MM	35±2MM	35±2MM
c	51MM	101MM	124MM	168MM

TECHNICAL SPECIFICATIONS

ITEM CODE	ITEM DESCRIPTION	MOUNTING TYPE	PRODUCT SHAPE	RATED POWER	RATED LUMENS	RATED EFFICACY	RATED CCT	CUTOUT SIZE	
841930030102	Ess R SMD DL 5W 3000K 3 Inch 220-240V 75±5 IP20 ND	Recessed	Round	5 W	425 LM	85 LM/W	3000 K	75±5 mm	
841940030112	Ess R SMD DL 5W 4000K 3 Inch 100-240V 75±5 IP20 ND			5 W	425 LM	85 LM/W	4000 K		
841965030122	Ess R SMD DL 5W 6500K 3 Inch 100-240V 75±5 IP20 ND			5 W	425 LM	85 LM/W	6500 K		
841930030072	Ess R SMD DL 9W 3000K 4 Inch 220-240V 100±5 IP20 ND			9 W	950 LM	95 LM/W	3000 K	100±5 mm	
841940030082	Ess R SMD DL 9W 4000K 4 Inch 220-240V 100±5 IP20 ND			9 W	950 LM	95 LM/W	4000 K		
841965030092	Ess R SMD DL 9W 6500K 4 Inch 220-240V 100±5 IP20 ND			9 W	950 LM	95 LM/W	6500 K		
841930030042	Ess R SMD DL 18W 3000K 6 Inch 220-240V 145±5 IP20 ND			18 W	1530 LM	85 LM/W	3000 K	145±5 mm	
841940030052	Ess R SMD DL 18W 4000K 6 Inch 220-240V 145±5 IP20 ND			18 W	1530 LM	85 LM/W	4000 K		
841965030062	Ess R SMD DL 18W 6500K 6 Inch 220-240V 145±5 IP20 ND			18 W	1530 LM	85 LM/W	6500 K		
841930030012	Ess R SMD DL 24W 3000K 8 Inch 220-240V 200±5 IP20 ND			24 W	2160 LM	90 LM/W	3000 K	200±5 mm	
841940030022	Ess R SMD DL 24W 4000K 8 Inch 220-240V 200±5 IP20 ND			24 W	2160 LM	90 LM/W	4000 K		
841965030032	Ess R SMD DL 24W 6500K 8 Inch 220-240V 200±5 IP20 ND			24 W	2160 LM	90 LM/W	6500 K		
841930030262	Ess SQ SMD DL 9W 3000K 220-240V 115x115 IP20 ND		Square	Square	9 W	720 LM	80 LM/W	3000 K	115x115 mm
841940030272	Ess SQ SMD DL 9W 4000K 220-240V 115x115 IP20 ND				9 W	720 LM	80 LM/W	4000 K	
841965030282	Ess SQ SMD DL 9W 6500K 220-240V 115x115 IP20 ND				9 W	720 LM	80 LM/W	6500 K	
841930030292	Ess SQ SMD DL 12W 3000K 220-240V 145x145 IP20 ND				12 W	960 LM	80 LM/W	3000 K	145x145 mm
841940030302	Ess SQ SMD DL 12W 4000K 220-240V 145x145 IP20 ND				12 W	960 LM	80 LM/W	4000 K	
841965030312	Ess SQ SMD DL 12W 6500K 220-240V 145x145 IP20 ND				12 W	960 LM	80 LM/W	6500 K	
841930030322	Ess SQ SMD DL 18W 3000K 220-240V 190x190 IP20 ND				18 W	1440 LM	80 LM/W	3000 K	190x190 mm
841940030332	Ess SQ SMD DL 18W 4000K 220-240V 190x190 IP20 ND				18 W	1440 LM	80 LM/W	4000 K	
841965030342	Ess SQ SMD DL 18W 6500K 220-240V 190x190 IP20 ND				18 W	1440 LM	80 LM/W	6500 K	
841930030352	Ess SQ SMD DL 24W 3000K 220-240V 258x258 IP20 ND				24 W	1920 LM	80 LM/W	4000 K	258x258 mm
841940030362	Ess SQ SMD DL 24W 4000K 220-240V 258x258 IP20 ND				24 W	1920 LM	80 LM/W	6500 K	
841965030372	Ess SQ SMD DL 24W 6500K 220-240V 258x258 IP20 ND				24 W	1920 LM	80 LM/W	4000 K	
841930030492	Ess Surface R SMD DL 12W 3000K 220-240V IP20 ND	Surface Mounted	Round	12 W	960 LM	80 LM/W	3000 K	NA	
841940030382	Ess Surface R SMD DL 12W 4000K 220-240V IP20 ND			12 W	960 LM	80 LM/W	4000 K		
841965030392	Ess Surface R SMD DL 12W 6500K 220-240V IP20 ND			12 W	960 LM	80 LM/W	6500 K		
841930030402	Ess Surface R SMD DL 18W 3000K 220-240V IP20 ND			18 W	1440 LM	80 LM/W	3000 K		
841940030412	Ess Surface R SMD DL 18W 4000K 220-240V IP20 ND			18 W	1440 LM	80 LM/W	4000 K		
841965030422	Ess Surface R SMD DL 18W 6500K 220-240V IP20 ND			18 W	1440 LM	80 LM/W	6500 K		
841930030432	Ess Surface R SMD DL 24W 3000K 220-240V IP20 ND			24 W	1920 LM	80 LM/W	3000 K		
841940030442	Ess Surface R SMD DL 24W 4000K 220-240V IP20 ND			24 W	1920 LM	80 LM/W	4000 K		
841965030452	Ess Surface R SMD DL 24W 6500K 220-240V IP20 ND			24 W	1920 LM	80 LM/W	6500 K		

DISCLAIMER

The information in the present datasheet is subject to change without notice. Errors and omissions excepted. Please make sure to use the latest version.

FOR MORE INFORMATION

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