![Philips Lighting logo]

CoreLine surface-mounted

SM134V LED37S/840 PSD W60L60 ELB3 OC

CoreLine surface-mounted, 35 W, 600x600 mm, 3700 lm, 4000 K, DALI, UGR19, ELB3h

Whether for a new building or renovation of an existing space, customers want lighting solutions that provide quality of light and substantial energy and maintenance savings. The new CoreLine Surface-mounted range of LED products can be used to replace functional luminaires in general lighting applications. The process of selecting, installing and maintaining is so easy – it's a simple switch.

Warnings and Safety
- The product is IPX0 & as such is not protected against water ingress & as such we strongly recommend that The environment in which The luminaire is to be installed is suitably checked
- If the above advice is not taken and the luminaires are subject to water ingress, Philips / Signify cannot guarantee safe failure & product warranty will become void

Product data

General Information	
Light source replaceable	No
Number of gear units	1 unit
Driver included	Yes
Remarks	*-Per Lighting Europe guidance paper "Evaluating performance of LED based luminaires – January 2018": statistically there is no relevant difference in lumen maintenance between B50 and for example

	B10. Therefore, the median useful life (B50) value also represents the B10 value.
Service tag	Yes
Product family code	SM134V [Coreline Surface]
Lighting Technology	LED
Value ladder	Performance
CE mark	Yes
Warranty period	5 years
Flammability mark	For mounting on normally flammable surfaces

CoreLine surface-mounted

ENEC mark	ENEC mark		Housing Color	White
Glow-wire test	Temperature 850 °C, duration 30 s		Optical cover finish	Textured
EU RoHS compliant	Yes		Overall length	600 mm
			Overall width	600 mm
			Overall height	47 mm
Light Technical			Dimensions (Height x Width x Depth)	47 x 600 x 600 mm
Luminous Flux	3,700 lm			
Correlated Color Temperature (Nom)	4000 K			
Luminous Efficacy (rated) (Nom)	106 lm/W		**Approval and Application**	
Color rendering index (CRI)	≥80		Ingress protection code	IP20 [Finger-protected]
Light source color	840 neutral white		Mech. impact protection code	IK02 [0.2 J standard]
Optic type	Wide beam		Sustainability rating	–
Luminaire light beam spread	81°		Protection class IEC	Safety class I
Unified glare rating CEN	19			
			Initial Performance (IEC Compliant)	
Operating and Electrical			Luminous flux tolerance	+/-8%
Input Voltage	220-240 V		Initial chromaticity	(0.38, 0.38) SDCM <3
Line Frequency	50 to 60 Hz		Power consumption tolerance	+/-10%
Inrush current	22 A			
Inrush time	0.275 ms		**Over Time Performance (IEC Compliant)**	
Power Consumption	35 W		Control gear failure rate at median useful life 50000 h	5 %
Power Factor (Fraction)	0.9			
Connection	Push-in connector and pull relief		Lumen maintenance at median useful life* 50000 h	L75
Cable	–			
Number of products on MCB of 16 A type B	24			
			Application Conditions	
Temperature			Performance ambient temperature Tq	25 °C
Ambient temperature range	+10 to +40 °C		Maximum dim level	1% (no dimming in emergency mode)
			Suitable for random switching	Yes
Controls and Dimming				
Dimmable	Yes		**Product Data**	
Driver/power unit/transformer	Power supply unit with DALI interface		Order product name	SM134V LED37S/840 PSD W60L60 ELB3 OC
Control interface	DALI		Full product name	SM134V LED37S/840 PSD W60L60 ELB3 OC
Constant light output	No		Full product code	871869934873100
			Order code	34873100
Mechanical and Housing			Material Nr. (12NC)	910925864832
Housing Material	Steel		Numerator – Quantity Per Pack	1
Reflector material	Polycarbonate		EAN/UPC – Product/Case	8718699348731
Optic material	Polycarbonate		Numerator – Packs per outer box	1
Optical cover material	Polycarbonate		EAN/UPC – Case	8718699348731
Fixation material	Steel			

CoreLine surface-mounted

Dimensional drawing

www.lighting.philips.com

2023, August 3 – data subject to change