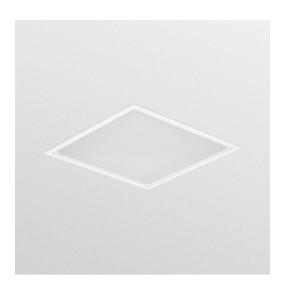
PHILIPS Lighting



SmartBalance, recessed

RC480B LED35S/840 PSD W60L60 PCV PIP

SmartBalance module 600, LED Module, system flux 3500 lm, 840 neutral white, Power supply unit with DALI interface, Pushin connector and pull relief

Many people are keen to apply recessed luminaires with a surface of light as an alternative to louver-type solutions. At the same time they expect the luminaires to be office norm-compliant as well as highly energy-efficient. Meeting all relevant office norms, SmartBalance recessed is the next step in surface-of-light recessed luminaires for the specification market. Thanks to state-of-the-art LED technology it not only offers increased energy efficiency compared with fluorescent, but is also visually appealing without being intrusive. For those looking for an exciting design element there are versions with inner masking. SmartBalance is also available in surface-mounted, suspended and free floor-standing versions.

Product data

General Information	
Lamp family code	LED35S [LED Module, system flux 3500 lm]
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.
Product family code	RC480B [SmartBalance module 600]
Lighting Technology	LED
Embedded control	-
CE mark	Yes
Warranty period	5 years
Flammability mark	For mounting on normally flammable
	surfaces
ENEC mark	ENEC plus mark
Glow-wire test	Temperature 650 °C, duration 5 s

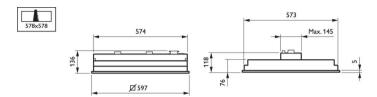
SmartBalance, recessed

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Housing Color	White
Optical cover finish	Textured
Overall length	597 mm
Overall width	597 mm
Overall height	136 mm
Dimensions (Height x Width x Depth)	136 x 597 x 597 mm
Approval and Application	
Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK02 [0.2 J standard]
Protection class IEC	Safety class I
Initial Performance (IEC Compliant)
Luminous flux tolerance	+/-10%
Initial chromaticity	(0.38, 0.38) SDCM <3
Power consumption tolerance	+/-10%
Over Time Performance (IEC Comp	liant)
Control gear failure rate at median usefu	l 5%
life 50000 h	
Lumen maintenance at median useful	L80
life* 50000 h	
Application Conditions	
Performance ambient temperature Tq	25 °C
Maximum dim level	1%
Suitable for random switching	Yes
Product Data	
Order product name	RC480B LED35S/840 PSD W60L60 PCV PIP
Full product name	RC480B LED35S/840 PSD W60L60 PCV PIP
Full product code	871794310343000
Order code	10343000
Material Nr. (12NC)	910502024603
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8717943103430
Numerator Dacks ner outer her	
Numerator - Packs per outer box	1

SmartBalance, recessed

Dimensional drawing





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www.lighting.philips.com 2023, April 29 - data subject to change