



# FlexBlend Recessed

## RC341B LED36S/840 PSD W15L180 BCV MLO PI

FlexBlend Recessed, 37 W, 3600 lm, 4000 K, Internal (no external connection)

Office owners and staff responsible for lighting operations are searching for high quality yet energy-efficient lighting that complies with norms and regulations. Designed to support these needs, Philips FlexBlend is enabling building owners to fully optimize their lighting operations, by offering office-compliant lighting with an attractive return on investment. Furthermore, FlexBlend provides the required flexibility by being easy applied on different ceiling types as well as in different office spaces like open office or meeting rooms. Though technology is changing fast, the ideal lighting solution is also expected to be ready to incorporate innovations and future advances that can help optimize operations further. For this reason, Philips FlexBlend is also ready to be connected to controls such as Actilume or used together with the Philips SpaceWise lighting system. It can also be connected to software-based lighting systems like Interact Office, which provides the luminaire with further intelligence and enables it to collect valuable data about its environment

### Product data

General Information		Warranty period	
Light source replaceable	No	Flammability mark	-
Number of gear units	1 unit	ENEC mark	ENEC mark
Driver included	Yes	Glow-wire test	Temperature 650 °C, duration 30 s
Service tag	Yes	EU RoHS compliant	Yes
Product family code	RC341B [FLEXBLEND RECESSED, bandraster]	Light Technical	
Lighting Technology	LED	Luminous Flux	3,600 lm
Value ladder	Performance	Correlated Color Temperature (Nom)	4000 K
CE mark	Yes	Luminous Efficacy (rated) (Nom)	97 lm/W

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Color rendering index (CRI)	≥80
Beam angle of light source	120 degree(s)
Light source color	840 neutral white
Optic type	Wide beam
Luminaire light beam spread	81° x 85°
Unified glare rating CEN	19

### Operating and Electrical

Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Initial CLO power consumption	0 W
Inrush current	22 A
Inrush time	0.280 ms
Power Consumption	37 W
Power Factor (Fraction)	0.9
Connection	Push-in connector and pull relief
Cable	-
Number of products on MCB of 16 A type B	24

### Temperature

Ambient temperature range	+10 to +40 °C
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### Controls and Dimming

Dimmable	Yes
Driver/power unit/transformer	Power supply unit with DALI interface
Control interface	Internal (no external connection)
Constant light output	No

### Mechanical and Housing

Housing Material	Steel
Reflector material	Polycarbonate
Optic material	Polycarbonate
Optical cover material	Polycarbonate
Fixation material	-
Housing Color	White RAL 9003
Optical cover finish	Textured
Overall length	147 mm
Overall width	1,797 mm
Overall height	60 mm

Dimensions (Height x Width x Depth)	60 x 1797 x 147 mm
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### 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	+/-8%
Initial chromaticity	(0.38, 0.37) SDCM <3
Power consumption tolerance	+/-10%

### Over Time Performance (IEC Compliant)

Driver failure rate at 5000 h	0.01 %
Control gear failure rate at median useful life 50000 h	5 %
Lumen maintenance at median useful life* 50000 h	L80

### Application Conditions

Performance ambient temperature Tq	25 °C
Maximum dim level	1%
Suitable for random switching	Yes

### Product Data

Order product name	RC341B LED36S/840 PSD W15L180 BCV MLO PI
Full product name	RC341B LED36S/840 PSD W15L180 BCV MLO PI
Full product code	871869944846200
Order code	910925865579
Material Nr. (12NC)	910925865579
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718699448462
Numerator - Packs per outer box	1
EAN/UPC - Case	8718699448462

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### Dimensional drawing

