# **PHILIPS** Lighting



# **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	
Light source replaceable	No
Number of gear units	1 unit
Driver included	Yes
Service tag	Yes
Product family code	RC341B [FLEXBLEND RECESSED,
	bandraster]
Lighting Technology	LED
Value ladder	Performance
CE mark	Yes

Warranty period	5 years
Flammability mark	-
ENEC mark	ENEC mark
Glow-wire test	Temperature 650 °C, duration 30 s
EU RoHS compliant	Yes
Light Technical	
Luminous Flux	3,600 lm
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	97 lm/W

### **FlexBlend Recessed**

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
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

Polycarbonate

Polycarbonate

Polycarbonate

White RAL 9003

Textured

147 mm

60 mm

1,797 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	+/-8%
Initial chromaticity	(0.38, 0.37) SDCM <3
Power consumption tolerance	+/-10%
Over Time Performance (IEC Complia	nt)
Driver failure rate at 5000 h	0.01 %
Control gear failure rate at median useful	5 %
life 50000 h	
Lumen maintenance at median useful life*	L80
50000 h	
Application Conditions	
Performance ambient temperature Tq	25 ℃
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

60 x 1797 x 147 mm

Dimensions (Height x Width x Depth)

**Reflector material** 

Fixation material

Housing Color Optical cover finish

Overall length

Overall width

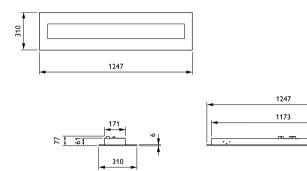
Overall height

Optical cover material

Optic material

## **FlexBlend Recessed**

#### Dimensional drawing





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