SmartBright Plus Panel

RC048B+ LED41S/840 PSU W60L60 2IN1W PCV

SmartBright Plus Panel, 120 lm/W, 840 neutral white

The Philips SmartBright Plus panel (RC048B+) range features a selection of popular off-the-shelf LED luminaires that come with Philips high quality levels at a competitive price. Reliable, high energy efficient and affordable, this latest generation of SmartBright Plus LED panel lights are designed for diffuse, comfortable lighting in a wide range of general lighting applications. Our range of SmartBright Plus panel lighting is also available with accessories for easy installation on different types of ceilings – just what you need.

Product data

General Information	
Number of gear units	1 unit
Gear	-
Driver included	Yes
Light source engine type	LED

Light Technical	
Luminous Flux	4,100 lm
Luminous Efficacy (rated) (Nom)	120 lm/W
Correlated Color Temperature (Nom)	4000 K
Color rendering index (CRI)	80
Beam angle of light source	120 degree(s)
Light source color	840 neutral white
Optic type	Beam angle 120°
Optical cover type	Opal
Luminaire light beam spread	120°

Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 or 60 Hz
Inrush current	22 A
Inrush time	0.25 ms
Power Consumption	34 W
Power Factor (Fraction)	0.9
Connection	Push-in connector 2-pole
Cable	-
Number of products on MCB of 16 A type B	9

SmartBright Plus Panel

Temperature	
Ambient temperature range	-10 to +35 °C

Controls and Dimming	
Dimmable	No
Control interface	-

Mechanical and Housing	
Housing Material	Steel
Reflector material	Acrylate
Optic material	Polystyrene
Optical cover material	Acrylate
Housing Color	White RAL 9003
Mounting device	-
Optical cover finish	Opal
Overall length	595 mm
Overall width	595 mm
Overall height	59 mm
Effective projected area	0.354 m²
Dimensions (Height x Width x Depth)	59 x 595 x 595 mm

Approval and Application	
Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK02 [0.2 J standard]
Protection class IEC	Safety class II
Glow-wire test	Temperature 650 °C, duration 30 s
Flammability mark	For mounting on normally flammable surfaces
CE mark	CE mark
ENEC mark	-
Warranty period	3 years

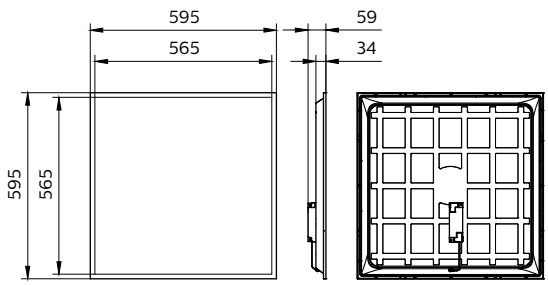
Photobiological risk	Photobiological risk group 0 @ 200mm to EN62471
Photobiological risk specification	0.2 m
EU RoHS compliant	Yes

Initial Performance (IEC Compliant)	
Luminous flux tolerance	-10% / +10%
Initial chromaticity	(0.38, 0.38) SDCM≤5
Power consumption tolerance	+/-10%

Application Conditions	
Performance ambient temperature Tq	25 °C
Maximum dim level	Not applicable
Suitable for random switching	Yes

Product Data	
Order product name	RC048B+ LED41S/840 PSU W60L60 2IN1W PCV
Full product name	RC048B+ LED41S/840 PSU W60L60 2IN1W PCV
Full product code	872016951114999
Order code	911401846485
Material Nr. (12NC)	911401846485
Numerator - Quantity Per Pack	1
Net Weight (Piece)	1.290 kg
EAN/UPC - Product/Case	8720169511149
Numerator - Packs per outer box	2
EAN/UPC - Case	8720169511149

Dimensional drawing



SmartBright Plus Panel

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PHILIPS

Lighting

SmartBright Plus Panel

RC048B+ LED41S/840 PSU W30L120 2IN1W PCV

SmartBright Plus Panel, 120 lm/W, 840 neutral white

The Philips SmartBright Plus panel (RC048B+) range features a selection of popular off-the-shelf LED luminaires that come with Philips high quality levels at a competitive price. Reliable, high energy efficient and affordable, this latest generation of SmartBright Plus LED panel lights are designed for diffuse, comfortable lighting in a wide range of general lighting applications. Our range of SmartBright Plus panel lighting is also available with accessories for easy installation on different types of ceilings – just what you need.

Product data

General Information	
Number of gear units	1 unit
Gear	-
Driver included	Yes
Light source engine type	LED

Light Technical	
Luminous Flux	4,100 lm
Luminous Efficacy (rated) (Nom)	120 lm/W
Correlated Color Temperature (Nom)	4000 K
Color rendering index (CRI)	80
Beam angle of light source	120 degree(s)
Light source color	840 neutral white
Optic type	Beam angle 120°
Optical cover type	Opal
Luminaire light beam spread	120°

Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 or 60 Hz
Inrush current	22 A
Inrush time	0.25 ms
Power Consumption	34 W
Power Factor (Fraction)	0.9
Connection	Push-in connector 2-pole
Cable	-
Number of products on MCB of 16 A type B	9

SmartBright Plus Panel

Temperature	
Ambient temperature range	-10 to +35 °C

Controls and Dimming	
Dimmable	No
Control interface	-

Mechanical and Housing	
Housing Material	Steel
Reflector material	Acrylate
Optic material	Polystyrene
Optical cover material	Acrylate
Housing Color	White RAL 9003
Mounting device	-
Optical cover finish	Opal
Overall length	1,195 mm
Overall width	295 mm
Overall height	59 mm
Effective projected area	0.353 m²
Dimensions (Height x Width x Depth)	59 x 295 x 1195 mm

Approval and Application	
Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK02 [0.2 J standard]
Protection class IEC	Safety class II
Glow-wire test	Temperature 650 °C, duration 30 s
Flammability mark	For mounting on normally flammable surfaces
CE mark	CE mark
ENEC mark	-
Warranty period	3 years

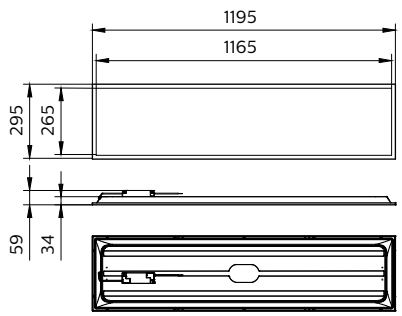
Photobiological risk	Photobiological risk group 0 @ 200mm to EN62471
Photobiological risk specification	0.2 m
EU RoHS compliant	Yes

Initial Performance (IEC Compliant)	
Luminous flux tolerance	-10% / +10%
Initial chromaticity	(0.38, 0.38) SDCM≤5
Power consumption tolerance	+/-10%

Application Conditions	
Performance ambient temperature Tq	25 °C
Maximum dim level	Not applicable
Suitable for random switching	Yes

Product Data	
Order product name	RC048B+ LED41S/840 PSU W30L120 2IN1W PCV
Full product name	RC048B+ LED41S/840 PSU W30L120 2IN1W PCV
Full product code	872016951116399
Order code	911401846685
Material Nr. (12NC)	911401846685
Numerator - Quantity Per Pack	1
Net Weight (Piece)	1.490 kg
EAN/UPC - Product/Case	8720169511163
Numerator - Packs per outer box	2
EAN/UPC - Case	8720169511163

Dimensional drawing



SmartBright Plus Panel

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PHILIPS

Lighting

SmartBright Plus Panel

RC048B+ LED41S/865 PSU W30L120 2IN1W PCV

SmartBright Plus Panel, 120 lm/W, 865 cool daylight

The Philips SmartBright Plus panel (RC048B+) range features a selection of popular off-the-shelf LED luminaires that come with Philips high quality levels at a competitive price. Reliable, high energy efficient and affordable, this latest generation of SmartBright Plus LED panel lights are designed for diffuse, comfortable lighting in a wide range of general lighting applications. Our range of SmartBright Plus panel lighting is also available with accessories for easy installation on different types of ceilings – just what you need.

Product data

General Information	
Number of gear units	1 unit
Gear	-
Driver included	Yes
Light source engine type	LED

Light Technical	
Luminous Flux	4,100 lm
Luminous Efficacy (rated) (Nom)	120 lm/W
Correlated Color Temperature (Nom)	6500 K
Color rendering index (CRI)	80
Beam angle of light source	120 degree(s)
Light source color	865 cool daylight
Optic type	Beam angle 120°
Optical cover type	Opal
Luminaire light beam spread	120°

Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 or 60 Hz
Inrush current	22 A
Inrush time	0.25 ms
Power Consumption	34 W
Power Factor (Fraction)	0.9
Connection	Push-in connector 2-pole
Cable	-
Number of products on MCB of 16 A type B	9

SmartBright Plus Panel

Temperature	
Ambient temperature range	-10 to +35 °C

Controls and Dimming	
Dimmable	No
Control interface	-

Mechanical and Housing	
Housing Material	Steel
Reflector material	Acrylate
Optic material	Polystyrene
Optical cover material	Acrylate
Housing Color	White RAL 9003
Mounting device	-
Optical cover finish	Opal
Overall length	1,195 mm
Overall width	295 mm
Overall height	59 mm
Effective projected area	0.353 m²
Dimensions (Height x Width x Depth)	59 x 295 x 1195 mm

Approval and Application	
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Mech. impact protection code	IK02 [0.2 J standard]
Protection class IEC	Safety class II
Glow-wire test	Temperature 650 °C, duration 30 s
Flammability mark	For mounting on normally flammable surfaces
CE mark	CE mark
ENEC mark	-
Warranty period	3 years

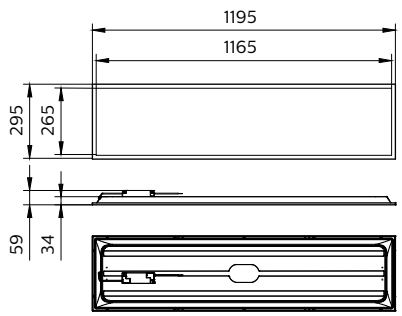
Photobiological risk	Photobiological risk group 0 @ 200mm to EN62471
Photobiological risk specification	0.2 m
EU RoHS compliant	Yes

Initial Performance (IEC Compliant)	
Luminous flux tolerance	-10% / +10%
Initial chromaticity	(0.31, 0.33) SDCM≤5
Power consumption tolerance	+/-10%

Application Conditions	
Performance ambient temperature Tq	25 °C
Maximum dim level	Not applicable
Suitable for random switching	Yes

Product Data	
Order product name	RC048B+ LED41S/865 PSU W30L120 2IN1W PCV
Full product name	RC048B+ LED41S/865 PSU W30L120 2IN1W PCV
Full product code	872016951117099
Order code	911401846785
Material Nr. (12NC)	911401846785
Numerator - Quantity Per Pack	1
Net Weight (Piece)	1.490 kg
EAN/UPC - Product/Case	8720169511170
Numerator - Packs per outer box	2
EAN/UPC - Case	8720169511170

Dimensional drawing



SmartBright Plus Panel

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SmartBright Plus Panel

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Power Factor (Fraction)	0.9
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Cable	-
Number of products on MCB of 16 A type B	9

SmartBright Plus Panel

Temperature	
Ambient temperature range	-10 to +35 °C

Controls and Dimming	
Dimmable	No
Control interface	-

Mechanical and Housing	
Housing Material	Steel
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Approval and Application	
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Power consumption tolerance	+/-10%

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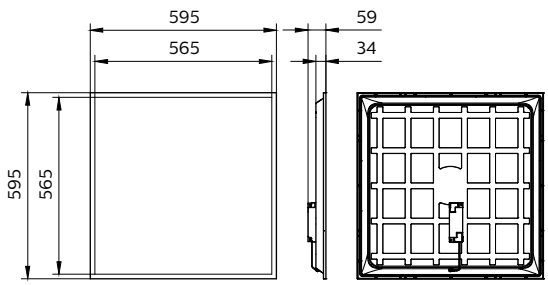
Performance ambient temperature Tq	25 °C
Maximum dim level	Not applicable
Suitable for random switching	Yes

Product Data	
Order product name	RC048B+ LED41S/865 PSU W60L60 2IN1W PCV
Full product name	RC048B+ LED41S/865 PSU W60L60 2IN1W PCV
Full product code	872016951182899
Order code	911401850585
Material Nr. (12NC)	911401850585
Numerator - Quantity Per Pack	2
Net Weight (Piece)	0.650 kg
EAN/UPC - Product/Case	8720169511828
Numerator - Packs per outer box	1
EAN/UPC - Case	8720169511842

Dimensional drawing



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