



PILA Downlights

PILA DN020B LED12/830 13W D150 RD EU

PILA Downlights – LED Module, system flux 1200 lm
830 warm white – 13 W – Diameter 165 mm

Benefits

- Bright and even light
- Energy saving
- Reliable performance



CRI



20,000 h



Non-dimmable



10,000x



Beam angle



Product data

General information

Light source color	830 warm white
Light source replaceable	-
Number of gear units	1 unit
Driver/power unit/transformer	PSU [Power supply unit]
Driver included	Yes
Emergency Lighting	-
Optic type	Beam angle 110°
Control interface	No
Connection	Flying wire
Protection class IEC	Safety class II
Mounting	-
CE mark	Yes
EU RoHS compliant	Yes
Constant light output	No
Number of products on MCB of 16 A type B	72
Number of products on MCB of 16 A type C	122
Service tag	-
Product family code	DN020B [PILA Downlights]

Operating and Electrical

Input Voltage	220-240 V
Input Frequency	50 to 60 Hz
Inrush current	9 A
Run current	0.11 A
Inrush time	200 µs

Power Factor (Min)	> 0.5
Surge Protection (KV)	-

Controls and Dimming

Dimmable	No
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Mechanical and Housing

Housing Material	Polycarbonate
Optical cover/lens material	-
Optical cover/lens finish	-
Overall diameter	165 mm
Mounting diameter	145-155 mm
Overall height	35 mm
Color	White
Accessory	-

Approval and Application

Ingress protection code	IP20
Mech. impact protection code	-

Initial Performance (IEC Compliant)

Initial luminous flux (system flux)	1200 lm
Initial LED luminaire efficacy	93 lm/W
Init. Corr. Color Temperature	3000 K
Init. Color Rendering Index	> 80
Initial chromaticity	-
Initial input power	13 W



PILA LED Downlights

Over Time Performance (IEC Compliant)

Lifetime L70B50	20,000 h
Maximum switching cycles	10,000

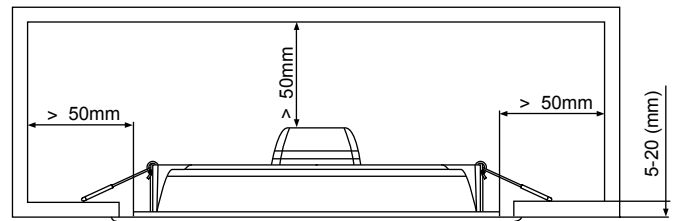
Application Conditions

Performance ambient temperature Tq	25°C
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Product Data

Full product code	-
Order product name	PILA DN020B LED12/830 13W D150 RD EU
EAN/UPC - Product	872790097441600
Order code	-
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	929002668382
Net Weight (Piece)	0.135 kg

Dimensional drawing





PILA Downlights

PILA DN020B LED12/840 13W D150 RD EU

**PILA Downlights – LED Module, system flux 1200 lm
840 warm white – 13 W – Diameter 165 mm**

Benefits

- Bright and even light
- Energy saving
- Reliable performance



CRI



20,000 h



Non-dimmable



10,000x



Beam angle



Product data

General information

Light source color	840 warm white
Light source replaceable	-
Number of gear units	1 unit
Driver/power unit/transformer	PSU [Power supply unit]
Driver included	Yes
Emergency Lighting	-
Optic type	Beam angle 110°
Control interface	No
Connection	Flying wire
Protection class IEC	Safety class II
Mounting	-
CE mark	Yes
EU RoHS compliant	Yes
Constant light output	No
Number of products on MCB of 16 A type B	72
Number of products on MCB of 16 A type C	122
Service tag	-
Product family code	DN020B [PILA Downlights]

Operating and Electrical

Input Voltage	220-240 V
Input Frequency	50 to 60 Hz
Inrush current	9 A
Run current	0.11 A
Inrush time	200 µs

Power Factor (Min)	> 0.5
Surge Protection (KV)	-

Controls and Dimming

Dimmable	No
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Mechanical and Housing

Housing Material	Polycarbonate
Optical cover/lens material	-
Optical cover/lens finish	-
Overall diameter	165 mm
Mounting diameter	145-155 mm
Overall height	35 mm
Color	White
Accessory	-

Approval and Application

Ingress protection code	IP20
Mech. impact protection code	-

Initial Performance (IEC Compliant)

Initial luminous flux (system flux)	1200 lm
Initial LED luminaire efficacy	93 lm/W
Init. Corr. Color Temperature	4000 K
Init. Color Rendering Index	> 80
Initial chromaticity	-
Initial input power	13 W



PILA LED Downlights

Over Time Performance (IEC Compliant)

Lifetime L70B50	20,000 h
Maximum switching cycles	10,000

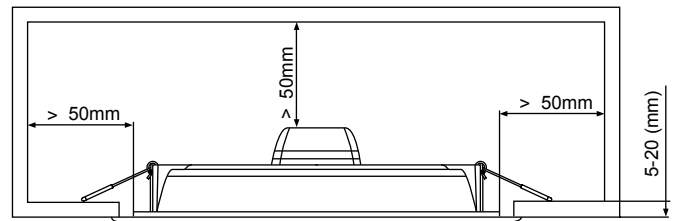
Application Conditions

Performance ambient temperature Tq	25°C
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Product Data

Full product code	-
Order product name	PILA DN020B LED12/840 13W D150 RD EU
EAN/UPC - Product	872790097443000
Order code	-
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	929002668482
Net Weight (Piece)	0.135 kg

Dimensional drawing





PILA Downlights

PILA DN020B LED20/830 20W D200 RD EU

**PILA Downlights – LED Module, system flux 2000 lm
830 warm white – 20 W – Diameter 225 mm**

Benefits

- Bright and even light
- Energy saving
- Reliable performance



CRI



20,000 h



Non-dimmable



10,000x



Beam angle



Product data

General information

Light source color	830 warm white
Light source replaceable	-
Number of gear units	1 unit
Driver/power unit/transformer	PSU [Power supply unit]
Driver included	Yes
Emergency Lighting	-
Optic type	Beam angle 110°
Control interface	No
Connection	Flying wire
Protection class IEC	Safety class II
Mounting	-
CE mark	Yes
EU RoHS compliant	Yes
Constant light output	No
Number of products on MCB of 16 A type B	51
Number of products on MCB of 16 A type C	87
Service tag	-
Product family code	DN020B [PILA Downlights]

Operating and Electrical

Input Voltage	220-240 V
Input Frequency	50 to 60 Hz
Inrush current	12,5 A
Run current	0.18 A
Inrush time	240 µs

Power Factor (Min)	> 0.5
Surge Protection (KV)	-

Controls and Dimming

Dimmable	No
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Mechanical and Housing

Housing Material	Polycarbonate
Optical cover/lens material	-
Optical cover/lens finish	-
Overall diameter	225 mm
Mounting diameter	195-205 mm
Overall height	35 mm
Color	White
Accessory	-

Approval and Application

Ingress protection code	IP20
Mech. impact protection code	-

Initial Performance (IEC Compliant)

Initial luminous flux (system flux)	2000 lm
Initial LED luminaire efficacy	100 lm/W
Init. Corr. Color Temperature	3000 K
Init. Color Rendering Index	> 80
Initial chromaticity	-
Initial input power	20 W



PILA LED Downlights

Over Time Performance (IEC Compliant)

Lifetime L70B50	20,000 h
Maximum switching cycles	10,000

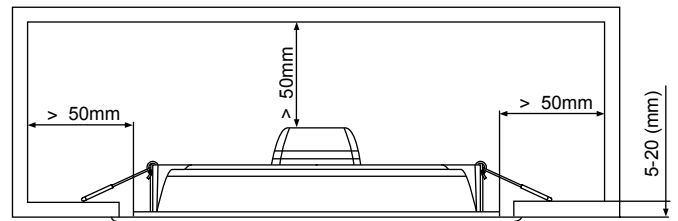
Application Conditions

Performance ambient temperature Tq	25°C
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Product Data

Full product code	-
Order product name	PILA DN020B LED20/830 20W D200 RD EU
EAN/UPC - Product	872790097445400
Order code	-
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	929003280482
Net Weight (Piece)	0.235 kg

Dimensional drawing





PILA Downlights

PILA DN020B LED20/840 20W D200 RD EU

**PILA Downlights – LED Module, system flux 2000 lm
840 warm white – 20 W – Diameter 225 mm**

Benefits

- Bright and even light
- Energy saving
- Reliable performance



CRI



20,000 h



Non-dimmable



10,000x



Beam angle



Product data

General information

Light source color	840 warm white
Light source replaceable	-
Number of gear units	1 unit
Driver/power unit/transformer	PSU [Power supply unit]
Driver included	Yes
Emergency Lighting	-
Optic type	Beam angle 110°
Control interface	No
Connection	Flying wire
Protection class IEC	Safety class II
Mounting	-
CE mark	Yes
EU RoHS compliant	Yes
Constant light output	No
Number of products on MCB of 16 A type B	51
Number of products on MCB of 16 A type C	87
Service tag	-
Product family code	DN020B [PILA Downlights]

Operating and Electrical

Input Voltage	220-240 V
Input Frequency	50 to 60 Hz
Inrush current	12.5 A
Run current	0.18 A
Inrush time	240 µs

Power Factor (Min)	> 0.5
Surge Protection (KV)	-

Controls and Dimming

Dimmable	No
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Mechanical and Housing

Housing Material	Polycarbonate
Optical cover/lens material	-
Optical cover/lens finish	-
Overall diameter	225 mm
Mounting diameter	195-205 mm
Overall height	35 mm
Color	White
Accessory	-

Approval and Application

Ingress protection code	IP20
Mech. impact protection code	-

Initial Performance (IEC Compliant)

Initial luminous flux (system flux)	2000 lm
Initial LED luminaire efficacy	100 lm/W
Init. Corr. Color Temperature	4000 K
Init. Color Rendering Index	> 80
Initial chromaticity	-
Initial input power	20 W



PILA LED Downlights

Over Time Performance (IEC Compliant)

Lifetime L70B50	20,000 h
Maximum switching cycles	10,000

Application Conditions

Performance ambient temperature Tq	25°C
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Product Data

Full product code	-
Order product name	PILA DN020B LED20/840 20W D200 RD EU
EAN/UPC - Product	872790097447800
Order code	-
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	929003280582
Net Weight (Piece)	0.235 kg

Dimensional drawing

