PHILIPS

SmartBright CNG Downlight DN058

62783666



Multiple installation, different shape, full CCT, Full size range

SmartBright CNG downlight series products offer reliable lighting performance with long lifetime and meet all the IEC safety regulation requirements. Products have multiple installation, including both recessed and surface mount. Products also have different shapes as options, round and square shape can meet different customer's requirement. Products have three CCT options with different cut out solutions. Products have no harm to eyes and give eyeconfort experience.

Benefits

- Long lifetime 35khrs , PF0.5, 75lm/W efficacy and full range of 3 CCT and cut-off from D75/D100/D150/D200/D275.
- Simple and simplify design

Applications

- Hotels
- Shopping mall
- Hospitality

Features

- cut out: D75-80/D90-100/D150/D200/D275
- CCT: 3000K, 4000K, 6500K
- Lumen efficacy: min 80lm/W
- CRI80
- PF0.5
- CB/CE
- Lumen output: 350/600/1200/1800/2200lm
- Lifetime: up to 35k hrs @L70B50
- Working temperature: -20°C to +40°C

Versions



SmartBright CNG Downlight DN058



SmartBright CNG Downlight DN058

SmartBright CNG Downlight DN058



SmartBright CNG Downlight DN058

SmartBright CNG Downlight DN058



SmartBright CNG Downlight DN058



SmartBright CNG Downlight DN058



SmartBright CNG Downlight DN058



SmartBright CNG Downlight DN058

SmartBright CNG Downlight DN058



SmartBright CNG Downlight DN058



SmartBright CNG Downlight DN058



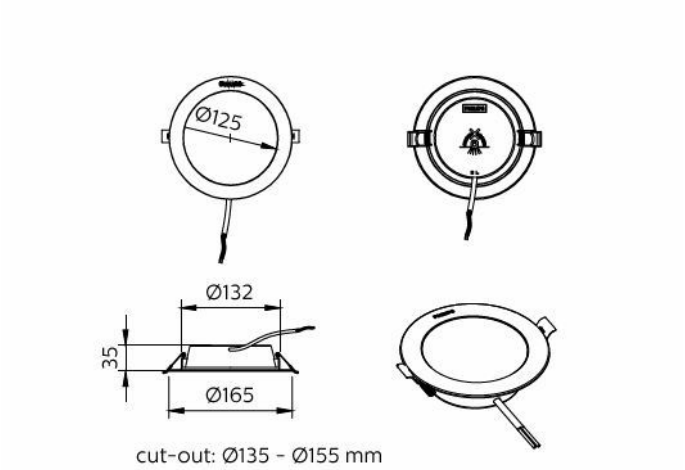
SmartBright CNG Downlight DN058



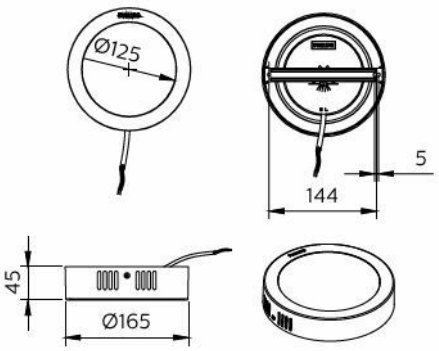
SmartBright CNG Downlight DN058

SmartBright CNG Downlight
DN058

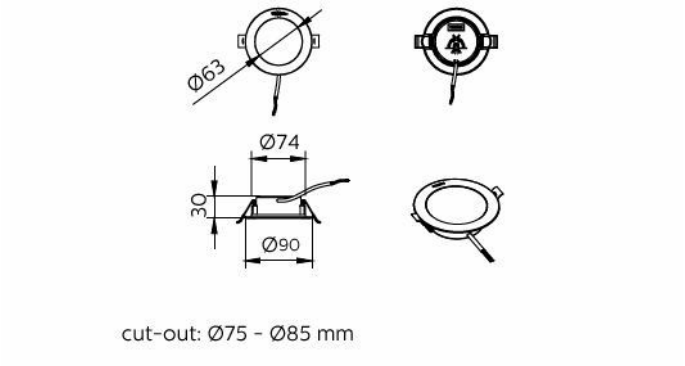
Dimensional drawing



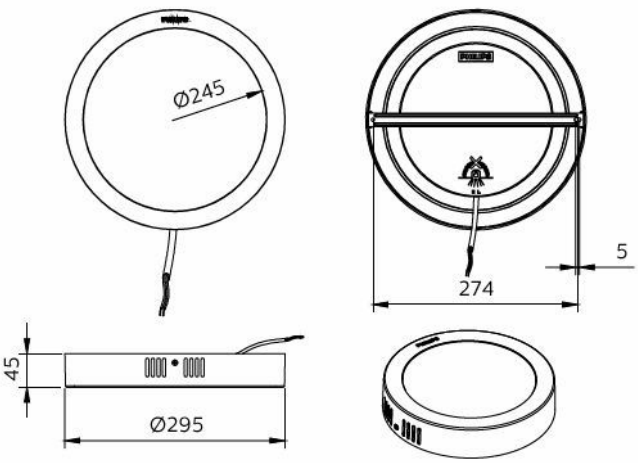
DN058B LED13/840 220-240V D150 RD



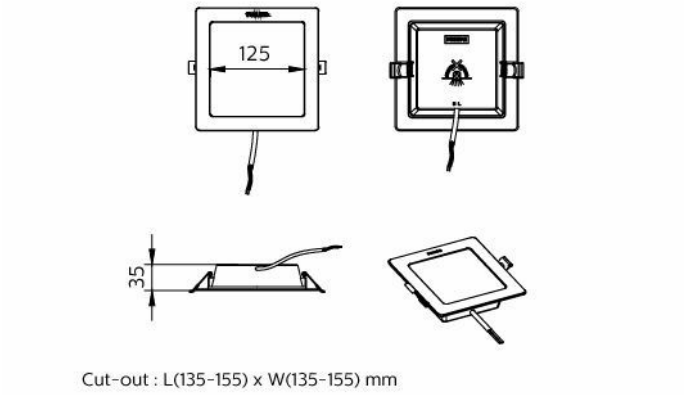
DN058C LED13/840 220-240V D150 RD



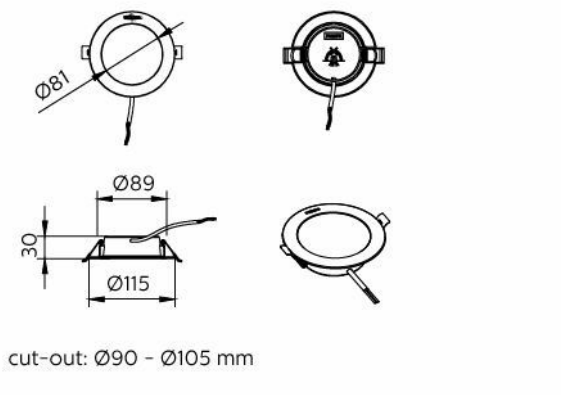
DN058B LED3/830 220-240V D80 RD



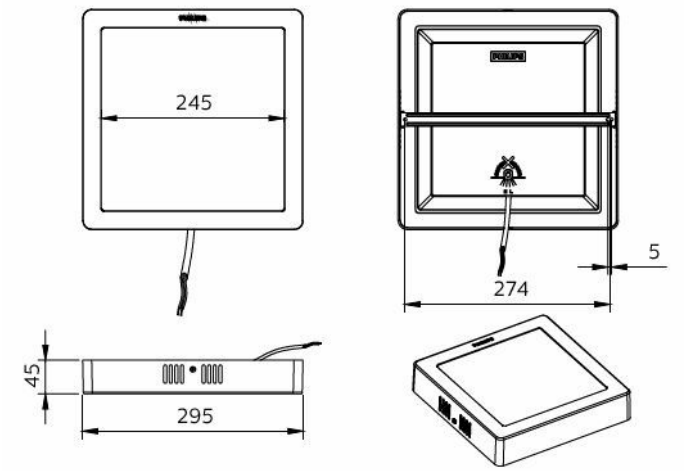
DN058C LED22/865 220-240V D275 RD



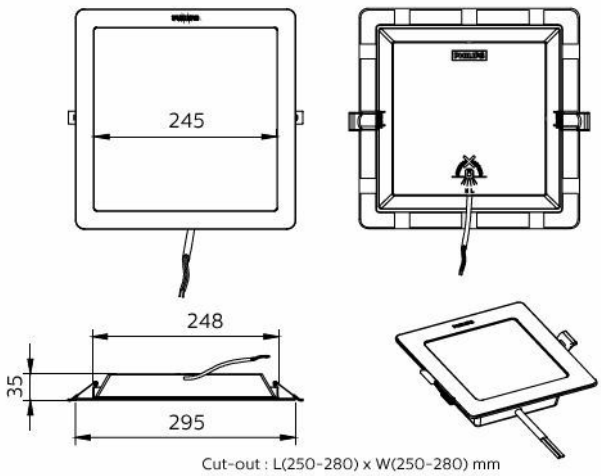
DN058B LED13/865 220-240V L150 SQ



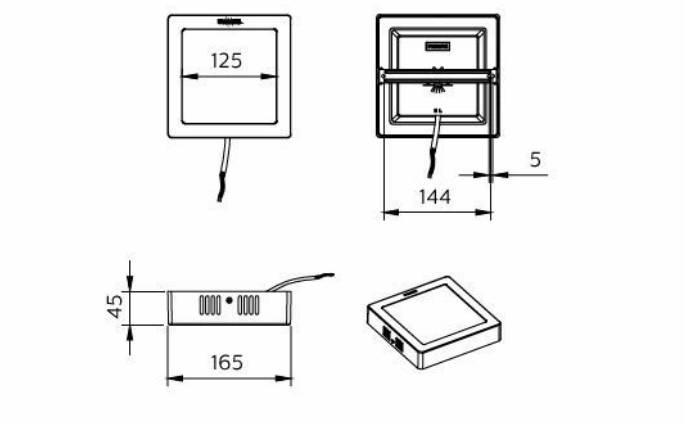
DN058B LED5/830 220-240V D100 RD



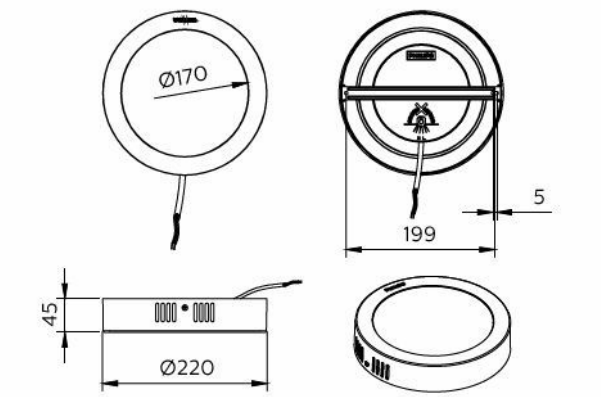
DN058C LED22/840 220-240V L275 SQ



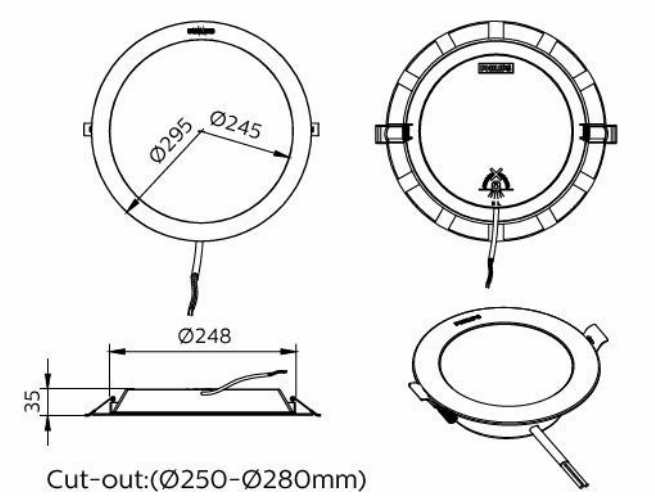
DN058B LED20/830 220-240V L275 SQ



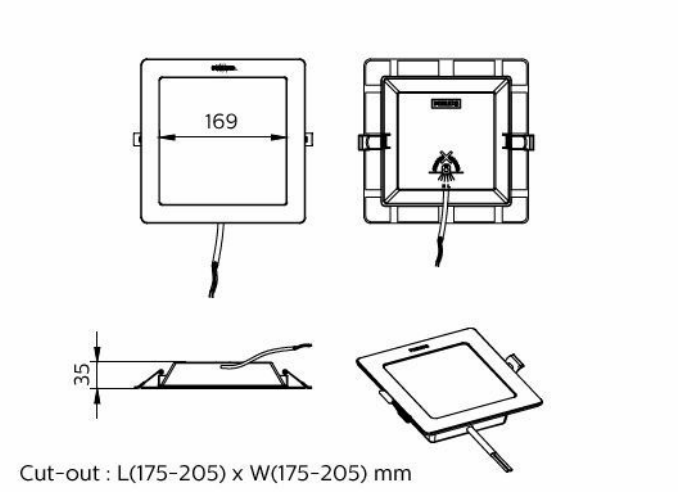
DN058C LED12/830 220-240V L150 SQ



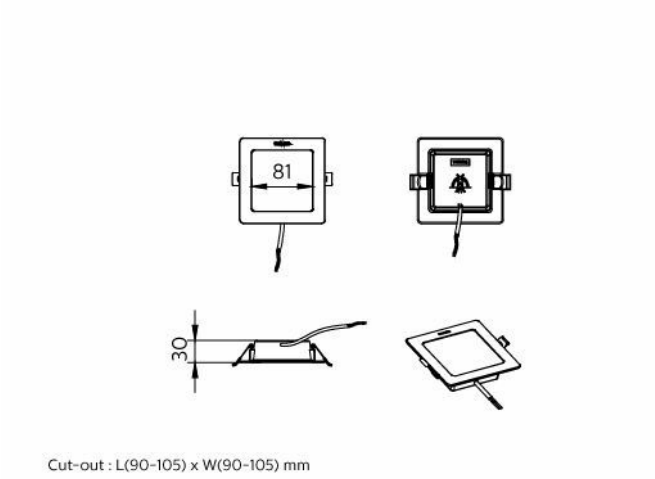
DN058C LED18/865 220-240V D200 RD



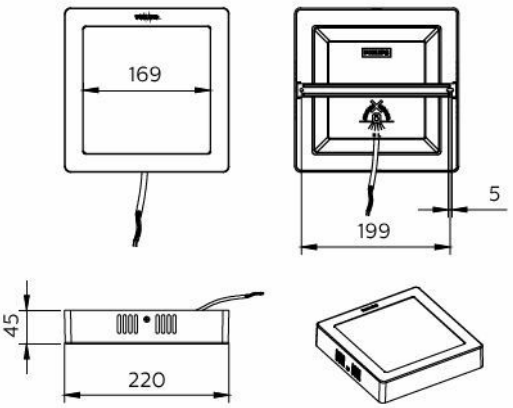
DN058B LED20/830 220-240V D275 RD



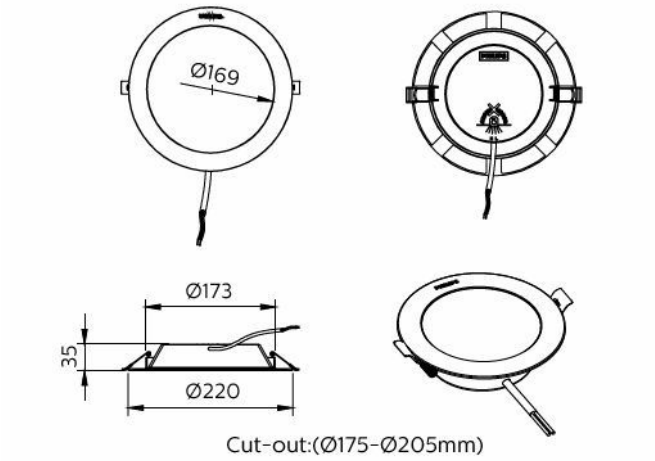
DN058B LED18/865 220-240V L200 SQ



DN058B LED6/840 220-240V L100 SQ



DN058C LED18/865 220-240V L200 SQ



DN058B LED18/865 220-240V D200 RD

General Information

Number of gear units	1 unit
Gear	EB [Electronic]
Driver included	Yes

Light Technical

Color rendering index (CRI)	>80
Number of light sources	1
Beam angle of light source	110 degree(s)
Optic type	Symmetric 110^{0}

Operating and Electrical

Input Voltage	220-240 V
Line Frequency	50 or 60 Hz
Suitable for random switching	No
Protection class IEC	Safety class II

Controls and Dimming

Dimmable	No
Maximum dim level	Not applicable

Mechanical and Housing

Housing Color	White RAL 9003
Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK03 [0.3 J]
Optical cover type	PS

Approval and Application

Glow-wire test	Temperature 650 °C, duration 30 s
Flammability mark	For mounting on normally flammable surfaces
CE mark	Yes
ENEC mark	-
Ambient temperature range	-20 to +40 °C

Light Technical

Order Code	Full Product Name	Luminous Flux	Correlated Color Temperature (Nom)	Luminous Efficacy (rated) (Nom)
911401808188	DN058B LED20/830 220-240V L275 SQ	2,045 lm	3000 K	85 lm/W
911401808288	DN058B LED22/840 220-240V L275 SQ	2,200 lm	4000 K	92 lm/W
911401808388	DN058B LED22/865 220-240V L275 SQ	2,200 lm	6500 K	92 lm/W

Order Code	Full Product Name	Luminous Flux	Correlated Color Temperature (Nom)	Luminous Efficacy (rated) (Nom)
911401805188	DN058B LED5/830 220-240V L100 SQ	540 lm	3000 K	87 lm/W
911401805288	DN058B LED6/840 220-240V L100 SQ	600 lm	4000 K	94 lm/W
911401805388	DN058B LED6/865 220-240V L100 SQ	600 lm	6500 K	94 lm/W
911401806688	DN058B LED17/830 220-240V D200 RD	1,675 lm	3000 K	99 lm/W
911401806788	DN058B LED18/840 220-240V D200 RD	1,800 lm	4000 K	106 lm/W
911401806888	DN058B LED18/865 220-240V D200 RD	1,800 lm	6500 K	106 lm/W
911401807588	DN058C LED17/830 220-240V L200 SQ	1,675 lm	3000 K	99 lm/W
911401807688	DN058C LED18/840 220-240V L200 SQ	1,800 lm	4000 K	106 lm/W
911401807788	DN058C LED18/865 220-240V L200 SQ	1,800 lm	6500 K	106 lm/W
911401805488	DN058B LED12/830 220-240V D150 RD	1,160 lm	3000 K	101 lm/W
911401805588	DN058B LED13/840 220-240V D150 RD	1,250 lm	4000 K	109 lm/W
911401805688	DN058B LED13/865 220-240V D150 RD	1,250 lm	6500 K	109 lm/W
911401805788	DN058B LED12/830 220-240V L150 SQ	1,115 lm	3000 K	97 lm/W
911401805888	DN058B LED13/840 220-240V L150 SQ	1,200 lm	4000 K	104 lm/W
911401805988	DN058B LED13/865 220-240V L150 SQ	1,200 lm	6500 K	104 lm/W
911401807888	DN058B LED20/830 220-240V D275 RD	2,045 lm	3000 K	85 lm/W
911401807988	DN058B LED22/840 220-240V D275 RD	2,200 lm	4000 K	92 lm/W
911401808088	DN058B LED22/865 220-240V D275 RD	2,200 lm	6500 K	92 lm/W
911401808788	DN058C LED20/830 220-240V L275 SQ	2,045 lm	3000 K	85 lm/W
911401808888	DN058C LED22/840 220-240V L275 SQ	2,200 lm	4000 K	92 lm/W
911401808988	DN058C LED22/865 220-240V L275 SQ	2,200 lm	6500 K	92 lm/W
911401808488	DN058C LED20/830 220-240V D275 RD	2,045 lm	3000 K	85 lm/W
911401808588	DN058C LED22/840 220-240V D275 RD	2,200 lm	4000 K	92 lm/W
911401808688	DN058C LED22/865 220-240V D275 RD	2,200 lm	6500 K	92 lm/W
911401806988	DN058B LED17/830 220-240V L200 SQ	1,675 lm	3000 K	99 lm/W
911401807088	DN058B LED18/840 220-240V L200 SQ	1,800 lm	4000 K	106 lm/W
911401807188	DN058B LED18/865 220-240V L200 SQ	1,800 lm	6500 K	106 lm/W
911401807288	DN058C LED17/830 220-240V D200 RD	1,675 lm	3000 K	99 lm/W
911401807388	DN058C LED18/840 220-240V D200 RD	1,800 lm	4000 K	106 lm/W
911401807488	DN058C LED18/865 220-240V D200 RD	1,800 lm	6500 K	106 lm/W
911401804588	DN058B LED3/830 220-240V D80 RD	325 lm	3000 K	74 lm/W
911401804688	DN058B LED4/840 220-240V D80 RD	350 lm	4000 K	80 lm/W
911401804788	DN058B LED4/865 220-240V D80 RD	350 lm	6500 K	80 lm/W
911401806088	DN058C LED12/830 220-240V D150 RD	1,160 lm	3000 K	101 lm/W
911401806188	DN058C LED13/840 220-240V D150 RD	1,250 lm	4000 K	109 lm/W
911401806288	DN058C LED13/865 220-240V D150 RD	1,250 lm	6500 K	109 lm/W
911401806388	DN058C LED12/830 220-240V L150 SQ	1,115 lm	3000 K	97 lm/W
911401806488	DN058C LED13/840 220-240V L150 SQ	1,200 lm	4000 K	104 lm/W
911401806588	DN058C LED13/865 220-240V L150 SQ	1,200 lm	6500 K	104 lm/W
911401804888	DN058B LED5/830 220-240V D100 RD	540 lm	3000 K	87 lm/W
911401804988	DN058B LED6/840 220-240V D100 RD	600 lm	4000 K	94 lm/W
911401805088	DN058B LED6/865 220-240V D100 RD	600 lm	6500 K	94 lm/W

Operating and Electrical

Order Code	Full Product Name	Power Consumption
911401808188	DN058B LED20/830 220-240V L275 SQ	24 W
911401808288	DN058B LED22/840 220-240V L275 SQ	24 W
911401808388	DN058B LED22/865 220-240V L275 SQ	24 W
911401805188	DN058B LED5/830 220-240V L100 SQ	6.2 W
911401805288	DN058B LED6/840 220-240V L100 SQ	6.2 W
911401805388	DN058B LED6/865 220-240V L100 SQ	6.2 W
911401806688	DN058B LED17/830 220-240V D200 RD	17 W
911401806788	DN058B LED18/840 220-240V D200 RD	17 W
911401806888	DN058B LED18/865 220-240V D200 RD	17 W
911401807588	DN058C LED17/830 220-240V L200 SQ	17 W
911401807688	DN058C LED18/840 220-240V L200 SQ	17 W
911401807788	DN058C LED18/865 220-240V L200 SQ	17 W
911401805488	DN058B LED12/830 220-240V D150 RD	11.5 W
911401805588	DN058B LED13/840 220-240V D150 RD	11.5 W
911401805688	DN058B LED13/865 220-240V D150 RD	11.5 W
911401805788	DN058B LED12/830 220-240V L150 SQ	11.5 W
911401805888	DN058B LED13/840 220-240V L150 SQ	11.5 W
911401805988	DN058B LED13/865 220-240V L150 SQ	11.5 W
911401807888	DN058B LED20/830 220-240V D275 RD	24 W
911401807988	DN058B LED22/840 220-240V D275 RD	24 W
911401808088	DN058B LED22/865 220-240V D275 RD	24 W
911401808788	DN058C LED20/830 220-240V L275 SQ	24 W
911401808888	DN058C LED22/840 220-240V L275 SQ	24 W
911401808988	DN058C LED22/865 220-240V L275 SQ	24 W
911401808488	DN058C LED20/830 220-240V D275 RD	24 W
911401808588	DN058C LED22/840 220-240V D275 RD	24 W
911401808688	DN058C LED22/865 220-240V D275 RD	24 W
911401806988	DN058B LED17/830 220-240V L200 SQ	17 W
911401807088	DN058B LED18/840 220-240V L200 SQ	17 W
911401807188	DN058B LED18/865 220-240V L200 SQ	17 W
911401807288	DN058C LED17/830 220-240V D200 RD	17 W
911401807388	DN058C LED18/840 220-240V D200 RD	17 W
911401807488	DN058C LED18/865 220-240V D200 RD	17 W
911401804588	DN058B LED3/830 220-240V D80 RD	4.4 W
911401804688	DN058B LED4/840 220-240V D80 RD	4.4 W
911401804788	DN058B LED4/865 220-240V D80 RD	4.4 W
911401806088	DN058C LED12/830 220-240V D150 RD	11.5 W
911401806188	DN058C LED13/840 220-240V D150 RD	11.5 W
911401806288	DN058C LED13/865 220-240V D150 RD	11.5 W
911401806388	DN058C LED12/830 220-240V L150 SQ	11.5 W
911401806488	DN058C LED13/840 220-240V L150 SQ	11.5 W

Order Code	Full Product Name	Power Consumption
911401806588	DN058C LED13/865 220-240V L150 SQ	11.5 W
911401804888	DN058B LED5/830 220-240V D100 RD	6.2 W
911401804988	DN058B LED6/840 220-240V D100 RD	6.2 W
911401805088	DN058B LED6/865 220-240V D100 RD	6.2 W

Initial Performance (IEC Compliant)

Order Code	Full Product Name	Luminous flux tolerance	Initial chromaticity
911401808188	DN058B LED20/830 220-240V L275 SQ	-10%,+15%	(0.43,0.40) SDCM≤6
911401808288	DN058B LED22/840 220-240V L275 SQ	-10%,+15%	(0.38,0.38) SDCM≤6
911401808388	DN058B LED22/865 220-240V L275 SQ	-10%,+15%	(0.31,0.33) SDCM≤6
911401805188	DN058B LED5/830 220-240V L100 SQ	-10%,+15%	(0.43,0.40) SDCM≤6
911401805288	DN058B LED6/840 220-240V L100 SQ	-10%,+15%	(0.38,0.38) SDCM≤6
911401805388	DN058B LED6/865 220-240V L100 SQ	-10%,+15%	(0.31,0.33) SDCM≤6
911401806688	DN058B LED17/830 220-240V D200 RD	+/-10%	(0.43,0.40) SDCM≤6
911401806788	DN058B LED18/840 220-240V D200 RD	+/-10%	(0.38,0.38) SDCM≤6
911401806888	DN058B LED18/865 220-240V D200 RD	+/-10%	(0.31,0.33) SDCM≤6
911401807588	DN058C LED17/830 220-240V L200 SQ	-10%,+15%	(0.43,0.40) SDCM≤6
911401807688	DN058C LED18/840 220-240V L200 SQ	-10%,+15%	(0.38,0.38) SDCM≤6
911401807788	DN058C LED18/865 220-240V L200 SQ	-10%,+15%	(0.31,0.33) SDCM≤6
911401805488	DN058B LED12/830 220-240V D150 RD	+/-10%	(0.43,0.40) SDCM≤6
911401805588	DN058B LED13/840 220-240V D150 RD	+/-10%	(0.38,0.38) SDCM≤6
911401805688	DN058B LED13/865 220-240V D150 RD	+/-10%	(0.31,0.33) SDCM≤6
911401805788	DN058B LED12/830 220-240V L150 SQ	-10%,+15%	(0.43,0.40) SDCM≤6
911401805888	DN058B LED13/840 220-240V L150 SQ	-10%,+15%	(0.38,0.38) SDCM≤6
911401805988	DN058B LED13/865 220-240V L150 SQ	-10%,+15%	(0.31,0.33) SDCM≤6
911401807888	DN058B LED20/830 220-240V D275 RD	+/-10%	(0.43,0.40) SDCM≤6
911401807988	DN058B LED22/840 220-240V D275 RD	+/-10%	(0.38,0.38) SDCM≤6
911401808088	DN058B LED22/865 220-240V D275 RD	+/-10%	(0.31,0.33) SDCM≤6
911401808788	DN058C LED20/830 220-240V L275 SQ	-10%,+15%	(0.43,0.40) SDCM≤6
911401808888	DN058C LED22/840 220-240V L275 SQ	-10%,+15%	(0.38,0.38) SDCM≤6
911401808988	DN058C LED22/865 220-240V L275 SQ	-10%,+15%	(0.31,0.33) SDCM≤6
911401808488	DN058C LED20/830 220-240V D275 RD	+/-10%	(0.43,0.40) SDCM≤6
911401808588	DN058C LED22/840 220-240V D275 RD	+/-10%	(0.38,0.38) SDCM≤6
911401808688	DN058C LED22/865 220-240V D275 RD	+/-10%	(0.31,0.33) SDCM≤6
911401806988	DN058B LED17/830 220-240V L200 SQ	-10%,+15%	(0.43,0.40) SDCM≤6
911401807088	DN058B LED18/840 220-240V L200 SQ	-10%,+15%	(0.38,0.38) SDCM≤6
911401807188	DN058B LED18/865 220-240V L200 SQ	-10%,+15%	(0.31,0.33) SDCM≤6
911401807288	DN058C LED17/830 220-240V D200 RD	+/-10%	(0.43,0.40) SDCM≤6
911401807388	DN058C LED18/840 220-240V D200 RD	+/-10%	(0.38,0.38) SDCM≤6
911401807488	DN058C LED18/865 220-240V D200 RD	+/-10%	(0.31,0.33) SDCM≤6
911401804588	DN058B LED3/830 220-240V D80 RD	+/-10%	(0.43,0.40) SDCM≤6
911401804688	DN058B LED4/840 220-240V D80 RD	+/-10%	(0.38,0.38) SDCM≤6

Order Code	Full Product Name	Luminous flux tolerance	Initial chromaticity
911401804788	DN058B LED4/865 220-240V D80 RD	+/-10%	(0.31,0.33) SDCM≤6
911401806088	DN058C LED12/830 220-240V D150 RD	+/-10%	(0.43,0.40) SDCM≤6
911401806188	DN058C LED13/840 220-240V D150 RD	+/-10%	(0.38,0.38) SDCM≤6
911401806288	DN058C LED13/865 220-240V D150 RD	+/-10%	(0.31,0.33) SDCM≤6
911401806388	DN058C LED12/830 220-240V L150 SQ	-10%,+15%	(0.43,0.40) SDCM≤6
911401806488	DN058C LED13/840 220-240V L150 SQ	-10%,+15%	(0.38,0.38) SDCM≤6
911401806588	DN058C LED13/865 220-240V L150 SQ	-10%,+15%	(0.31,0.33) SDCM≤6
911401804888	DN058B LED5/830 220-240V D100 RD	+/-10%	(0.43,0.40) SDCM≤6
911401804988	DN058B LED6/840 220-240V D100 RD	+/-10%	(0.38,0.38) SDCM≤6
911401805088	DN058B LED6/865 220-240V D100 RD	+/-10%	(0.31,0.33) SDCM≤6

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