



Philips CoreLine Downlight: easy installation, excellent illumination

CoreLine Downlight gen5

Philips CoreLine Downlight delivers on the CoreLine promise of innovative, easy to use and high-quality recessed downlights. The CoreLine Downlight range is suitable for one-to-one conventional luminaire replacements, with an attractive TCO that helps your customers make the switch to LED. These recessed indoor downlights offer uniform light distribution for use in general lighting and office applications (UGR 19). They also deliver instant energy savings and have a much longer lifetime, creating a solution that's environmentally friendly and real value-for-money. CoreLine DN142B recessed downlights are easy to install thanks to their standard cut-out size and push-in connectors. An Interact ready option with integrated wireless communications is also available in this family, which can be used with Interact gateways, sensors and software.

Benefits

- Energy saving and longer lifetime to reduce overall operating costs
- One-to-one replacement makes it easy to switch to LED
- Low glare suitable for office applications

CoreLine Downlight gen5

Features

- Available in two cut-out sizes (150mm and 200mm)
- White reflector downlight UGR 25
- Aluminum reflector downlight UGR 19
- Energy efficient: up to 120 lm/W
- Choice of color temperatures: 3000K and 4000K
- Choice of drivers; DALI and wireless with Interact ready
- Optional emergency lighting versions available
- Optional IP54 versions available

Application

- Offices
- Indoor general areas
- Reception and lounge
- Meeting rooms
- Corridors

Warnings and Safety

- Do not apply excessive force to the cable & DC connector, make sure the connector clip is locked before the power is on.

Specifications

Ceiling type	Plaster (board) ceiling	Color Rendering index -	>80
Dimming	PSU: non-DimmablePSD: Dimmable (DALI-broadcasting)WIA: Wireless control, compatible with Interact	CRI	
Control gear failure rate at median useful life	50.000h	Driver replaceable	Yes

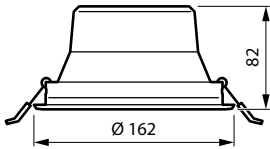
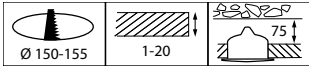
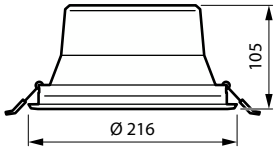
Versions



CoreLine Downlight DN142B
Compact with UGR19

CoreLine Downlight gen5

Dimensional drawing



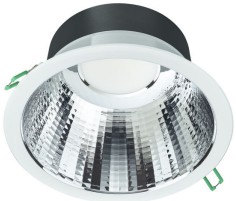
Product details



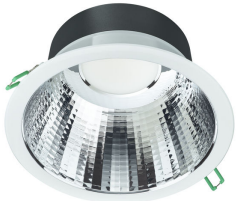
CoreLine Downlight DN142B
Compact with White Reflector
(WR)



CoreLine Downlight DN142B
Compact with White Reflector
(WR)



CoreLine Downlight DN142B
Compact with UGR19



CoreLine Downlight DN142B
Compact with UGR19



Product Detail Photo Coreline



Product Detail Photo Coreline

CoreLine Downlight gen5

General Information	
Driver included	Yes
Number of gear units	1 unit
Service tag	Yes
Light Technical	
Beam angle of light source	- degree(s)
Color rendering index (CRI)	>80
Operating and Electrical	
Protection class IEC	Safety class II
Line Frequency	50 to 60 Hz
Suitable for random switching	Yes
Mechanical and Housing	
Housing Color	White
Mech. impact protection code	IK02
Approval and Application	
Ambient temperature range	-20 to +40 °C
CE mark	Yes
ENEC mark	-
Flammability mark	For mounting on normally flammable surfaces
Glow-wire test	Temperature 650 °C, duration 30 s
Stroboscopic effect visibility measure (SVM)	1

General Information

Order Code	Full Product Name	Light source replaceable
10887500	DN142B 10S/830 PSD-E WR	-
10888200	DN142B 10S/830 PSD-E WR IP54	-
10891200	DN142B 10S/840 PSD-E WR	-
10892900	DN142B 10S/840 PSD-E WR IP54	-
10903200	DN142B 10S/830 PSD-E WR ELB3	-
10905600	DN142B 10S/840 PSD-E WR ELB3	-
50305299	DN142B 10S/830 PSU-E WR	No
50304599	DN142B 10S/830 PSU-E WR IP54	No
50301499	DN142B 10S/840 PSU-E WR	No
50300799	DN142B 10S/840 PSU-E WR IP54	No
10897400	DN142B 20S/830 PSD-E UGR19	-
10898100	DN142B 20S/830 PSD-E UGR19 IP54	-
10901800	DN142B 20S/840 PSD-E UGR19	-
10902500	DN142B 20S/840 PSD-E UGR19 IP54	-
10908700	DN142B 20S/830 PSD-E UGR19 ELB3	-
10910000	DN142B 20S/840 PSD-E UGR19 ELB3	-
10912400	DN142B 20S/830 WIA-E UGR19 IP54	-
10914800	DN142B 20S/840 WIA-E UGR19 IP54	-
10916200	DN142B 20S/830 WIA-E UGR19 ELB3 IP54	-
10918600	DN142B 20S/840 WIA-E UGR19 ELB3 IP54	-
50295699	DN142B 20S/830 PSU-E UGR19	No
50294999	DN142B 20S/830 PSU-E UGR19 IP54	No
50291899	DN142B 20S/840 PSU-E UGR19	No
50290199	DN142B 20S/840 PSU-E UGR19 IP54	No
10889900	DN142B 10S/830 PSD-E UGR19	-
10890500	DN142B 10S/830 PSD-E UGR19 IP54	-
10893600	DN142B 10S/840 PSD-E UGR19	-
10894300	DN142B 10S/840 PSD-E UGR19 IP54	-
10904900	DN142B 10S/830 PSD-E UGR19 ELB3	-
10906300	DN142B 10S/840 PSD-E UGR19 ELB3	-
50303899	DN142B 10S/830 PSU-E UGR19	No
50302199	DN142B 10S/830 PSU-E UGR19 IP54	No
50299499	DN142B 10S/840 PSU-E UGR19	No
50298799	DN142B 10S/840 PSU-E UGR19 IP54	No
10895000	DN142B 20S/830 PSD-E WR	-
10896700	DN142B 20S/830 PSD-E WR IP54	-
10899800	DN142B 20S/840 PSD-E WR	-
10900100	DN142B 20S/840 PSD-E WR IP54	-
10907000	DN142B 20S/830 PSD-E WR ELB3	-
10909400	DN142B 20S/840 PSD-E WR ELB3	-
10911700	DN142B 20S/830 WIA-E WR IP54	-
10913100	DN142B 20S/840 WIA-E WR IP54	-
10915500	DN142B 20S/830 WIA-E WR ELB3 IP54	-
10917900	DN142B 20S/840 WIA-E WR ELB3 IP54	-
50297099	DN142B 20S/830 PSU-E WR	No
50296399	DN142B 20S/830 PSU-E WR IP54	No
50293299	DN142B 20S/840 PSU-E WR	No
50292599	DN142B 20S/840 PSU-E WR IP54	No

Light Technical

CoreLine Downlight gen5

Order Code	Full Product Name	Correlated Color Temperature (Nom)	Luminous Efficacy (rated) (Nom)	Luminous Flux	Optic type
10887500	DN142B 10S/830 PSD- E WR	3000 K	112 lm/W	1,200 lm	White reflector perforated without louver
10888200	DN142B 10S/830 PSD- E WR IP54	3000 K	112 lm/W	1,200 lm	White reflector perforated without louver
10891200	DN142B 10S/840 PSD- E WR	4000 K	112 lm/W	1,200 lm	White reflector perforated without louver
10892900	DN142B 10S/840 PSD- E WR IP54	4000 K	112 lm/W	1,200 lm	White reflector perforated without louver
10903200	DN142B 10S/830 PSD- E WR ELB3	3000 K	80 lm/W	1,200 lm	White reflector perforated without louver
10905600	DN142B 10S/840 PSD- E WR ELB3	4000 K	80 lm/W	1,200 lm	White reflector perforated without louver
50305299	DN142B 10S/830 PSU- E WR	3000 K	122 lm/W	1,200 lm	-
50304599	DN142B 10S/830 PSU- E WR IP54	3000 K	122 lm/W	1,200 lm	-
50301499	DN142B 10S/840 PSU- E WR	4000 K	122 lm/W	1,200 lm	-
50300799	DN142B 10S/840 PSU- E WR IP54	4000 K	122 lm/W	1,200 lm	-
10897400	DN142B 20S/830 PSD- E UGR19	3000 K	110 lm/W	2,250 lm	Facetted reflector
10898100	DN142B 20S/830 PSD- E UGR19 IP54	3000 K	110 lm/W	2,250 lm	Facetted reflector

Order Code	Full Product Name	Correlated Color Temperature (Nom)	Luminous Efficacy (rated) (Nom)	Luminous Flux	Optic type
10901800	DN142B 20S/840 PSD- E UGR19	4000 K	110 lm/W	2,250 lm	Facetted reflector
10902500	DN142B 20S/840 PSD- E UGR19 IP54	4000 K	110 lm/W	2,250 lm	Facetted reflector
10908700	DN142B 20S/830 PSD- E UGR19 ELB3	3000 K	92 lm/W	2,250 lm	Facetted reflector
10910000	DN142B 20S/840 PSD- E UGR19 ELB3	4000 K	92 lm/W	2,250 lm	Facetted reflector
10912400	DN142B 20S/830 WIA- E UGR19 IP54	3000 K	111 lm/W	2,250 lm	Facetted reflector
10914800	DN142B 20S/840 WIA- E UGR19 IP54	4000 K	111 lm/W	2,250 lm	Facetted reflector
10916200	DN142B 20S/830 WIA- E UGR19 ELB3 IP54	3000 K	91 lm/W	2,250 lm	Facetted reflector
10918600	DN142B 20S/840 WIA- E UGR19 ELB3 IP54	4000 K	91 lm/W	2,250 lm	Facetted reflector
50295699	DN142B 20S/830 PSU- E UGR19	3000 K	120 lm/W	2,300 lm	-
50294999	DN142B 20S/830 PSU- E UGR19 IP54	3000 K	120 lm/W	2,300 lm	-
50291899	DN142B 20S/840 PSU- E UGR19	4000 K	120 lm/W	2,300 lm	-
50290199	DN142B 20S/840 PSU- E UGR19 IP54	4000 K	120 lm/W	2,300 lm	-
10889900	DN142B 10S/830 PSD- E UGR19	3000 K	107 lm/W	1,150 lm	Facetted reflector
10890500	DN142B 10S/830 PSD- E UGR19 IP54	3000 K	107 lm/W	1,150 lm	Facetted reflector
10893600	DN142B 10S/840 PSD- E UGR19	4000 K	107 lm/W	1,150 lm	Facetted reflector

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Order Code	Full Product Name	Correlated Color Temperature	Luminous Efficacy (rated)	Luminous Flux	Optic type
		(Nom)	(Nom)		
10894300	DN142B 10S/840 PSD- E UGR19 IP54	4000 K	107 lm/W	1,150 lm	Facetted reflector
10904900	DN142B 10S/830 PSD- E UGR19 ELB3	3000 K	77 lm/W	1,150 lm	Facetted reflector
10906300	DN142B 10S/840 PSD- E UGR19 ELB3	4000 K	77 lm/W	1,150 lm	Facetted reflector
50303899	DN142B 10S/830 PSU- E UGR19	3000 K	117 lm/W	1,200 lm	-
50302199	DN142B 10S/830 PSU- E UGR19 IP54	3000 K	117 lm/W	1,200 lm	-
50299499	DN142B 10S/840 PSU- E UGR19	4000 K	117 lm/W	1,200 lm	-
50298799	DN142B 10S/840 PSU- E UGR19 IP54	4000 K	117 lm/W	1,200 lm	-
10895000	DN142B 20S/830 PSD- E WR	3000 K	116 lm/W	2,350 lm	White reflector perforated without louder
10896700	DN142B 20S/830 PSD- E WR IP54	3000 K	116 lm/W	2,350 lm	White reflector perforated without louder
10899800	DN142B 20S/840 PSD- E WR	4000 K	116 lm/W	2,350 lm	White reflector perforated without louder
10900100	DN142B 20S/840 PSD- E WR IP54	4000 K	116 lm/W	2,350 lm	White reflector perforated without louder
10907000	DN142B 20S/830 PSD- E WR ELB3	3000 K	96 lm/W	2,350 lm	White reflector perforated without louder

Order Code	Full Product Name	Correlated Color Temperature	Luminous Efficacy (rated)	Luminous Flux	Optic type
		(Nom)	(Nom)		
10909400	DN142B 20S/840 PSD- E WR ELB3	4000 K	96 lm/W	2,350 lm	White reflector perforated without louder
10911700	DN142B 20S/830 WIA- E WR IP54	3000 K	116 lm/W	2,350 lm	White reflector perforated without louder
10913100	DN142B 20S/840 WIA- E WR IP54	4000 K	117 lm/W	2,350 lm	White reflector perforated without louder
10915500	DN142B 20S/830 WIA- E WR ELB3 IP54	3000 K	95 lm/W	2,350 lm	White reflector perforated without louder
10917900	DN142B 20S/840 WIA- E WR ELB3 IP54	4000 K	95 lm/W	2,350 lm	White reflector perforated without louder
50297099	DN142B 20S/830 PSU- E WR	3000 K	122 lm/W	2,350 lm	-
50296399	DN142B 20S/830 PSU- E WR IP54	3000 K	122 lm/W	2,350 lm	-
50293299	DN142B 20S/840 PSU- E WR	4000 K	122 lm/W	2,350 lm	-
50292599	DN142B 20S/840 PSU- E WR IP54	4000 K	122 lm/W	2,350 lm	-

Operating and Electrical

CoreLine Downlight gen5

Order Code	Full Product Name	Input Voltage	Power Consumption
10887500	DN142B 10S/830 PSD-E WR	220 to 240 V	10.7 W
10888200	DN142B 10S/830 PSD-E WR IP54	220 to 240 V	10.7 W
10891200	DN142B 10S/840 PSD-E WR	220 to 240 V	10.7 W
10892900	DN142B 10S/840 PSD-E WR IP54	220 to 240 V	10.7 W
10903200	DN142B 10S/830 PSD-E WR ELB3	220 to 240 V	14.9 W
10905600	DN142B 10S/840 PSD-E WR ELB3	220 to 240 V	14.9 W
50305299	DN142B 10S/830 PSU-E WR	220-240 V	9.8 W
50304599	DN142B 10S/830 PSU-E WR IP54	220-240 V	9.8 W
50301499	DN142B 10S/840 PSU-E WR	220-240 V	9.8 W
50300799	DN142B 10S/840 PSU-E WR IP54	220-240 V	9.8 W
10897400	DN142B 20S/830 PSD-E UGR19	220 to 240 V	20.5 W
10898100	DN142B 20S/830 PSD-E UGR19 IP54	220 to 240 V	20.5 W
10901800	DN142B 20S/840 PSD-E UGR19	220 to 240 V	20.5 W
10902500	DN142B 20S/840 PSD-E UGR19 IP54	220 to 240 V	20.5 W
10908700	DN142B 20S/830 PSD-E UGR19 ELB3	220 to 240 V	24.5 W
10910000	DN142B 20S/840 PSD-E UGR19 ELB3	220 to 240 V	24.5 W
10912400	DN142B 20S/830 WIA-E UGR19 IP54	220 to 240 V	20.4 W
10914800	DN142B 20S/840 WIA-E UGR19 IP54	220 to 240 V	20.4 W
10916200	DN142B 20S/830 WIA-E UGR19 ELB3 IP54	220 to 240 V	24.9 W
10918600	DN142B 20S/840 WIA-E UGR19 ELB3 IP54	220 to 240 V	24.9 W
50295699	DN142B 20S/830 PSU-E UGR19	220-240 V	19.2 W
50294999	DN142B 20S/830 PSU-E UGR19 IP54	220-240 V	19.2 W
50291899	DN142B 20S/840 PSU-E UGR19	220-240 V	19.2 W
50290199	DN142B 20S/840 PSU-E UGR19 IP54	220-240 V	19.2 W

Order Code	Full Product Name	Input Voltage	Power Consumption
10889900	DN142B 10S/830 PSD-E UGR19	220 to 240 V	10.7 W
10890500	DN142B 10S/830 PSD-E UGR19 IP54	220 to 240 V	10.7 W
10893600	DN142B 10S/840 PSD-E UGR19	220 to 240 V	10.7 W
10894300	DN142B 10S/840 PSD-E UGR19 IP54	220 to 240 V	10.7 W
10904900	DN142B 10S/830 PSD-E UGR19 ELB3	220 to 240 V	14.9 W
10906300	DN142B 10S/840 PSD-E UGR19 ELB3	220 to 240 V	14.9 W
50303899	DN142B 10S/830 PSU-E UGR19	220-240 V	9.8 W
50302199	DN142B 10S/830 PSU-E UGR19 IP54	220-240 V	9.8 W
50299499	DN142B 10S/840 PSU-E UGR19	220-240 V	9.8 W
50298799	DN142B 10S/840 PSU-E UGR19 IP54	220-240 V	9.8 W
10895000	DN142B 20S/830 PSD-E WR	220 to 240 V	20.5 W
10896700	DN142B 20S/830 PSD-E WR IP54	220 to 240 V	20.5 W
10899800	DN142B 20S/840 PSD-E WR	220 to 240 V	20.5 W
10900100	DN142B 20S/840 PSD-E WR IP54	220 to 240 V	20.5 W
10907000	DN142B 20S/830 PSD-E WR ELB3	220 to 240 V	24.5 W
10909400	DN142B 20S/840 PSD-E WR ELB3	220 to 240 V	24.5 W
10911700	DN142B 20S/830 WIA-E WR IP54	220 to 240 V	20.4 W
10913100	DN142B 20S/840 WIA-E WR IP54	220 to 240 V	20.4 W
10915500	DN142B 20S/830 WIA-E WR ELB3 IP54	220 to 240 V	24.9 W
10917900	DN142B 20S/840 WIA-E WR ELB3 IP54	220 to 240 V	24.9 W
50297099	DN142B 20S/830 PSU-E WR	220-240 V	19.2 W
50296399	DN142B 20S/830 PSU-E WR IP54	220-240 V	19.2 W
50293299	DN142B 20S/840 PSU-E WR	220-240 V	19.2 W
50292599	DN142B 20S/840 PSU-E WR IP54	220-240 V	19.2 W

Controls and Dimming

Order Code	Full Product Name	Maximum dim	
		Dimmable	level
10887500	DN142B 10S/830 PSD-E WR	Yes	-
10888200	DN142B 10S/830 PSD-E WR IP54	Yes	-
10891200	DN142B 10S/840 PSD-E WR	Yes	-
10892900	DN142B 10S/840 PSD-E WR IP54	Yes	-
10903200	DN142B 10S/830 PSD-E WR ELB3	Yes	-
10905600	DN142B 10S/840 PSD-E WR ELB3	Yes	-
50305299	DN142B 10S/830 PSU-E WR	No	Not applicable
50304599	DN142B 10S/830 PSU-E WR IP54	No	Not applicable
50301499	DN142B 10S/840 PSU-E WR	No	Not applicable
50300799	DN142B 10S/840 PSU-E WR IP54	No	Not applicable
10897400	DN142B 20S/830 PSD-E UGR19	Yes	-
10898100	DN142B 20S/830 PSD-E UGR19 IP54	Yes	-
10901800	DN142B 20S/840 PSD-E UGR19	Yes	-
10902500	DN142B 20S/840 PSD-E UGR19 IP54	Yes	-
10908700	DN142B 20S/830 PSD-E UGR19 ELB3	Yes	-
10910000	DN142B 20S/840 PSD-E UGR19 ELB3	Yes	-
10912400	DN142B 20S/830 WIA-E UGR19 IP54	Yes	-
10914800	DN142B 20S/840 WIA-E UGR19 IP54	Yes	-
10916200	DN142B 20S/830 WIA-E UGR19 ELB3 IP54	Yes	-
10918600	DN142B 20S/840 WIA-E UGR19 ELB3 IP54	Yes	-
50295699	DN142B 20S/830 PSU-E UGR19	No	Not applicable

Order Code	Full Product Name	Maximum dim	
		Dimmable	level
50294999	DN142B 20S/830 PSU-E UGR19 IP54	No	Not applicable
50291899	DN142B 20S/840 PSU-E UGR19	No	Not applicable
50290199	DN142B 20S/840 PSU-E UGR19 IP54	No	Not applicable
10889900	DN142B 10S/830 PSD-E UGR19	Yes	-
10890500	DN142B 10S/830 PSD-E UGR19 IP54	Yes	-
10893600	DN142B 10S/840 PSD-E UGR19	Yes	-
10894300	DN142B 10S/840 PSD-E UGR19 IP54	Yes	-
10904900	DN142B 10S/830 PSD-E UGR19 ELB3	Yes	-
10906300	DN142B 10S/840 PSD-E UGR19 ELB3	Yes	-
50303899	DN142B 10S/830 PSU-E UGR19	No	Not applicable
50302199	DN142B 10S/830 PSU-E UGR19 IP54	No	Not applicable
50299499	DN142B 10S/840 PSU-E UGR19	No	Not applicable
50298799	DN142B 10S/840 PSU-E UGR19 IP54	No	Not applicable
10895000	DN142B 20S/830 PSD-E WR	Yes	-
10896700	DN142B 20S/830 PSD-E WR IP54	Yes	-
10899800	DN142B 20S/840 PSD-E WR	Yes	-
10900100	DN142B 20S/840 PSD-E WR IP54	Yes	-
10907000	DN142B 20S/830 PSD-E WR ELB3	Yes	-
10909400	DN142B 20S/840 PSD-E WR ELB3	Yes	-
10911700	DN142B 20S/830 WIA-E WR IP54	Yes	-
10913100	DN142B 20S/840 WIA-E WR IP54	Yes	-

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Order Code	Full Product Name	Maximum dim	
		Dimmable	level
10915500	DN142B 20S/830 WIA-E WR ELB3 IP54	Yes	-
10917900	DN142B 20S/840 WIA-E WR ELB3 IP54	Yes	-
50297099	DN142B 20S/830 PSU-E WR	No	Not applicable

Order Code	Full Product Name	Maximum dim	
		Dimmable	level
50296399	DN142B 20S/830 PSU-E WR IP54	No	Not applicable
50293299	DN142B 20S/840 PSU-E WR	No	Not applicable
50292599	DN142B 20S/840 PSU-E WR IP54	No	Not applicable

Mechanical and Housing

Order Code	Full Product Name	Ingress protection code
10887500	DN142B 10S/830 PSD-E WR	IP20
10888200	DN142B 10S/830 PSD-E WR IP54	IP20/54
10891200	DN142B 10S/840 PSD-E WR	IP20
10892900	DN142B 10S/840 PSD-E WR IP54	IP20/54
10903200	DN142B 10S/830 PSD-E WR ELB3	IP20
10905600	DN142B 10S/840 PSD-E WR ELB3	IP20
50305299	DN142B 10S/830 PSU-E WR	IP20
50304599	DN142B 10S/830 PSU-E WR IP54	IP20/54
50301499	DN142B 10S/840 PSU-E WR	IP20
50300799	DN142B 10S/840 PSU-E WR IP54	IP20/54
10897400	DN142B 20S/830 PSD-E UGR19	IP20
10898100	DN142B 20S/830 PSD-E UGR19 IP54	IP20/54
10901800	DN142B 20S/840 PSD-E UGR19	IP20
10902500	DN142B 20S/840 PSD-E UGR19 IP54	IP20/54
10908700	DN142B 20S/830 PSD-E UGR19 ELB3	IP20
10910000	DN142B 20S/840 PSD-E UGR19 ELB3	IP20
10912400	DN142B 20S/830 WIA-E UGR19 IP54	IP20/54
10914800	DN142B 20S/840 WIA-E UGR19 IP54	IP20/54
10916200	DN142B 20S/830 WIA-E UGR19 ELB3 IP54	IP20/54
10918600	DN142B 20S/840 WIA-E UGR19 ELB3 IP54	IP20/54
50295699	DN142B 20S/830 PSU-E UGR19	IP20
50294999	DN142B 20S/830 PSU-E UGR19 IP54	IP20/54
50291899	DN142B 20S/840 PSU-E UGR19	IP20
50290199	DN142B 20S/840 PSU-E UGR19 IP54	IP20/54

Order Code	Full Product Name	Ingress protection code
10889900	DN142B 10S/830 PSD-E UGR19	IP20
10890500	DN142B 10S/830 PSD-E UGR19 IP54	IP20/54
10893600	DN142B 10S/840 PSD-E UGR19	IP20
10894300	DN142B 10S/840 PSD-E UGR19 IP54	IP20/54
10904900	DN142B 10S/830 PSD-E UGR19 ELB3	IP20
10906300	DN142B 10S/840 PSD-E UGR19 ELB3	IP20
50303899	DN142B 10S/830 PSU-E UGR19	IP20
50302199	DN142B 10S/830 PSU-E UGR19 IP54	IP20/54
50299499	DN142B 10S/840 PSU-E UGR19	IP20
50298799	DN142B 10S/840 PSU-E UGR19 IP54	IP20/54
10895000	DN142B 20S/830 PSD-E WR	IP20
10896700	DN142B 20S/830 PSD-E WR IP54	IP20/54
10899800	DN142B 20S/840 PSD-E WR	IP20
10900100	DN142B 20S/840 PSD-E WR IP54	IP20/54
10907000	DN142B 20S/830 PSD-E WR ELB3	IP20
10909400	DN142B 20S/840 PSD-E WR ELB3	IP20
10911700	DN142B 20S/830 WIA-E WR IP54	IP20/54
10913100	DN142B 20S/840 WIA-E WR IP54	IP20/54
10915500	DN142B 20S/830 WIA-E WR ELB3 IP54	IP20/54
10917900	DN142B 20S/840 WIA-E WR ELB3 IP54	IP20/54
50297099	DN142B 20S/830 PSU-E WR	IP20
50296399	DN142B 20S/830 PSU-E WR IP54	IP20/54
50293299	DN142B 20S/840 PSU-E WR	IP20
50292599	DN142B 20S/840 PSU-E WR IP54	IP20/54

Emergency Operation

Order Code	Full Product Name	Emergency		Rated duration of the emergency lighting (when fully charged)
		Central Emergency	Emergency lighting	
10887500	DN142B 10S/830 PSD-E WR	No	-	-
10888200	DN142B 10S/830 PSD-E WR IP54	No	-	-
10891200	DN142B 10S/840 PSD-E WR	No	-	-
10892900	DN142B 10S/840 PSD-E WR IP54	No	-	-
10903200	DN142B 10S/830 PSD-E WR ELB3	No	Emergency lighting 3 hours	3 hour(s)

Order Code	Full Product Name	Emergency		Rated duration of the emergency lighting (when fully charged)
		Central Emergency	Emergency lighting	
10905600	DN142B 10S/840 PSD-E WR ELB3	No	duration basic version	3 hour(s)
			Emergency lighting 3 hours duration basic version	
50305299	DN142B 10S/830 PSU-E WR	-	-	-
50304599	DN142B 10S/830 PSU-E WR IP54	-	-	-

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Order Code	Full Product Name	Central Emergency	Emergency lighting	Rated duration of the emergency lighting (when fully charged)
50301499	DN142B 10S/840 PSU-E WR	-	-	-
50300799	DN142B 10S/840 PSU-E WR IP54	-	-	-
10897400	DN142B 20S/830 PSD-E UGR19	No	-	-
10898100	DN142B 20S/830 PSD-E UGR19 IP54	No	-	-
10901800	DN142B 20S/840 PSD-E UGR19	No	-	-
10902500	DN142B 20S/840 PSD-E UGR19 IP54	No	-	-
10908700	DN142B 20S/830 PSD-E UGR19 ELB3	No	Emergency lighting 3 hours duration basic version	3 hour(s)
10910000	DN142B 20S/840 PSD-E UGR19 ELB3	No	Emergency lighting 3 hours duration basic version	3 hour(s)
10912400	DN142B 20S/830 WIA-E UGR19 IP54	No	-	-
10914800	DN142B 20S/840 WIA-E UGR19 IP54	No	-	-
10916200	DN142B 20S/830 WIA-E UGR19 ELB3 IP54	No	Emergency lighting 3 hours duration basic version	3 hour(s)
10918600	DN142B 20S/840 WIA-E UGR19 ELB3 IP54	No	Emergency lighting 3 hours duration basic version	3 hour(s)
50295699	DN142B 20S/830 PSU-E UGR19	-	-	-
50294999	DN142B 20S/830 PSU-E UGR19 IP54	-	-	-
50291899	DN142B 20S/840 PSU-E UGR19	-	-	-
50290199	DN142B 20S/840 PSU-E UGR19 IP54	-	-	-
10889900	DN142B 10S/830 PSD-E UGR19	No	-	-
10890500	DN142B 10S/830 PSD-E UGR19 IP54	No	-	-
10893600	DN142B 10S/840 PSD-E UGR19	No	-	-
10894300	DN142B 10S/840 PSD-E UGR19 IP54	No	-	-

Order Code	Full Product Name	Central Emergency	Emergency lighting	Rated duration of the emergency lighting (when fully charged)
10904900	DN142B 10S/830 PSD-E UGR19 ELB3	No	Emergency lighting 3 hours duration basic version	3 hour(s)
10906300	DN142B 10S/840 PSD-E UGR19 ELB3	No	Emergency lighting 3 hours duration basic version	3 hour(s)
50303899	DN142B 10S/830 PSU-E UGR19	-	-	-
50302199	DN142B 10S/830 PSU-E UGR19 IP54	-	-	-
50299499	DN142B 10S/840 PSU-E UGR19	-	-	-
50298799	DN142B 10S/840 PSU-E UGR19 IP54	-	-	-
10895000	DN142B 20S/830 PSD-E WR	No	-	-
10896700	DN142B 20S/830 PSD-E WR IP54	No	-	-
10899800	DN142B 20S/840 PSD-E WR	No	-	-
10900100	DN142B 20S/840 PSD-E WR IP54	No	-	-
10907000	DN142B 20S/830 PSD-E WR ELB3	No	Emergency lighting 3 hours duration basic version	3 hour(s)
10909400	DN142B 20S/840 PSD-E WR ELB3	No	Emergency lighting 3 hours duration basic version	3 hour(s)
10911700	DN142B 20S/830 WIA-E WR IP54	No	-	-
10913100	DN142B 20S/840 WIA-E WR IP54	No	-	-
10915500	DN142B 20S/830 WIA-E WR ELB3 IP54	No	Emergency lighting 3 hours duration basic version	3 hour(s)
10917900	DN142B 20S/840 WIA-E WR ELB3 IP54	No	Emergency lighting 3 hours duration basic version	3 hour(s)
50297099	DN142B 20S/830 PSU-E WR	-	-	-

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Order Code	Full Product Name	Central		Rated duration of the emergency lighting (when fully charged)
		Emergency	Emergency lighting	
50296399	DN142B 20S/830 PSU-E WR IP54	-	-	-

Order Code	Full Product Name	Central		Rated duration of the emergency lighting (when fully charged)
		Emergency	Emergency lighting	
50293299	DN142B 20S/840 PSU-E WR	-	-	-
50292599	DN142B 20S/840 PSU-E WR IP54	-	-	-

Approval and Application

Order Code	Full Product Name	Flickering value (PstLM) - Flickering value as per EN 61000-3-3	
10887500	DN142B 10S/830 PSD-E WR	-	
10888200	DN142B 10S/830 PSD-E WR IP54	-	
10891200	DN142B 10S/840 PSD-E WR	-	
10892900	DN142B 10S/840 PSD-E WR IP54	-	
10903200	DN142B 10S/830 PSD-E WR ELB3	-	
10905600	DN142B 10S/840 PSD-E WR ELB3	-	
50305299	DN142B 10S/830 PSU-E WR	0.5	
50304599	DN142B 10S/830 PSU-E WR IP54	0.5	
50301499	DN142B 10S/840 PSU-E WR	0.5	
50300799	DN142B 10S/840 PSU-E WR IP54	0.5	
10897400	DN142B 20S/830 PSD-E UGR19	-	
10898100	DN142B 20S/830 PSD-E UGR19 IP54	-	
10901800	DN142B 20S/840 PSD-E UGR19	-	
10902500	DN142B 20S/840 PSD-E UGR19 IP54	-	
10908700	DN142B 20S/830 PSD-E UGR19 ELB3	-	
10910000	DN142B 20S/840 PSD-E UGR19 ELB3	-	
10912400	DN142B 20S/830 WIA-E UGR19 IP54	-	
10914800	DN142B 20S/840 WIA-E UGR19 IP54	-	
10916200	DN142B 20S/830 WIA-E UGR19 ELB3 IP54	-	
10918600	DN142B 20S/840 WIA-E UGR19 ELB3 IP54	-	
50295699	DN142B 20S/830 PSU-E UGR19	0.5	
50294999	DN142B 20S/830 PSU-E UGR19 IP54	0.5	
50291899	DN142B 20S/840 PSU-E UGR19	0.5	
50290199	DN142B 20S/840 PSU-E UGR19 IP54	0.5	

Order Code	Full Product Name	Flickering value (PstLM) - Flickering value as per EN 61000-3-3	
10889900	DN142B 10S/830 PSD-E UGR19	-	
10890500	DN142B 10S/830 PSD-E UGR19 IP54	-	
10893600	DN142B 10S/840 PSD-E UGR19	-	
10894300	DN142B 10S/840 PSD-E UGR19 IP54	-	
10904900	DN142B 10S/830 PSD-E UGR19 ELB3	-	
10906300	DN142B 10S/840 PSD-E UGR19 ELB3	-	
50303899	DN142B 10S/830 PSU-E UGR19	0.5	
50302199	DN142B 10S/830 PSU-E UGR19 IP54	0.5	
50299499	DN142B 10S/840 PSU-E UGR19	0.5	
50298799	DN142B 10S/840 PSU-E UGR19 IP54	0.5	
10895000	DN142B 20S/830 PSD-E WR	-	
10896700	DN142B 20S/830 PSD-E WR IP54	-	
10899800	DN142B 20S/840 PSD-E WR	-	
10900100	DN142B 20S/840 PSD-E WR IP54	-	
10907000	DN142B 20S/830 PSD-E WR ELB3	-	
10909400	DN142B 20S/840 PSD-E WR ELB3	-	
10911700	DN142B 20S/830 WIA-E WR IP54	-	
10913100	DN142B 20S/840 WIA-E WR IP54	-	
10915500	DN142B 20S/830 WIA-E WR ELB3 IP54	-	
10917900	DN142B 20S/840 WIA-E WR ELB3 IP54	-	
50297099	DN142B 20S/830 PSU-E WR	0.5	
50296399	DN142B 20S/830 PSU-E WR IP54	0.5	
50293299	DN142B 20S/840 PSU-E WR	0.5	
50292599	DN142B 20S/840 PSU-E WR IP54	0.5	

Initial Performance (IEC Compliant)

Order Code	Full Product Name	Luminous flux tolerance	
		Initial chromaticity	
10887500	DN142B 10S/830 PSD-E WR	(0.432,0.404) SDCM≤5	-10% / +10%
10888200	DN142B 10S/830 PSD-E WR IP54	(0.435,0.405) SDCM≤5	-10% / +10%
10891200	DN142B 10S/840 PSD-E WR	(0.380,0.377) SDCM≤5	-10% / +10%

Order Code	Full Product Name	Luminous flux tolerance	
		Initial chromaticity	
10892900	DN142B 10S/840 PSD-E WR IP54	(0.380,0.377) SDCM≤5	-10% / +10%
10903200	DN142B 10S/830 PSD-E WR ELB3	(0.435,0.405) SDCM≤5	-10% / +10%
10905600	DN142B 10S/840 PSD-E WR ELB3	(0.380,0.377) SDCM≤5	-10% / +10%

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Order Code	Full Product Name	Initial chromaticity	Luminous flux tolerance
50305299	DN142B 10S/830 PSU-E WR	(0.432,0.404) SDCM≤5	+/-10%
50304599	DN142B 10S/830 PSU-E WR IP54	(0.435,0.405) SDCM≤5	+/-10%
50301499	DN142B 10S/840 PSU-E WR	(0.380,0.377) SDCM≤5	+/-10%
50300799	DN142B 10S/840 PSU-E WR IP54	(0.380,0.377) SDCM≤5	+/-10%
10897400	DN142B 20S/830 PSD-E UGR19	(0.435,0.404) SDCM≤5	-10% / +10%
10898100	DN142B 20S/830 PSD-E UGR19 IP54	(0.435,0.404) SDCM≤5	-10% / +10%
10901800	DN142B 20S/840 PSD-E UGR19	(0.380,0.377) SDCM≤5	-10% / +10%
10902500	DN142B 20S/840 PSD-E UGR19 IP54	(0.380,0.377) SDCM≤5	-10% / +10%
10908700	DN142B 20S/830 PSD-E UGR19 ELB3	(0.435,0.404) SDCM≤5	-10% / +10%
10910000	DN142B 20S/840 PSD-E UGR19 ELB3	(0.380,0.377) SDCM≤5	-10% / +10%
10912400	DN142B 20S/830 WIA-E UGR19 IP54	(0.435,0.404) SDCM≤5	-10% / +10%
10914800	DN142B 20S/840 WIA-E UGR19 IP54	(0.380,0.377) SDCM≤5	-10% / +10%
10916200	DN142B 20S/830 WIA-E UGR19 ELB3 IP54	(0.435,0.404) SDCM≤5	-10% / +10%
10918600	DN142B 20S/840 WIA-E UGR19 ELB3 IP54	(0.380,0.377) SDCM≤5	-10% / +10%
50295699	DN142B 20S/830 PSU-E UGR19	(0.435,0.404) SDCM≤5	+/-10%
50294999	DN142B 20S/830 PSU-E UGR19 IP54	(0.435,0.404) SDCM≤5	+/-10%
50291899	DN142B 20S/840 PSU-E UGR19	(0.380,0.377) SDCM≤5	+/-10%
50290199	DN142B 20S/840 PSU-E UGR19 IP54	(0.380,0.377) SDCM≤5	+/-10%
10889900	DN142B 10S/830 PSD-E UGR19	(0.432,0.404) SDCM≤5	-10% / +10%
10890500	DN142B 10S/830 PSD-E UGR19 IP54	(0.435,0.405) SDCM≤5	-10% / +10%
10893600	DN142B 10S/840 PSD-E UGR19	(0.380,0.377) SDCM≤5	-10% / +10%

Product Data

Order Code	Full Product Name	Product family code
10887500	DN142B 10S/830 PSD-E WR	DN142B
10888200	DN142B 10S/830 PSD-E WR IP54	DN142B
10891200	DN142B 10S/840 PSD-E WR	DN142B
10892900	DN142B 10S/840 PSD-E WR IP54	DN142B
10903200	DN142B 10S/830 PSD-E WR ELB3	DN142B

Order Code	Full Product Name	Initial chromaticity	Luminous flux tolerance
10894300	DN142B 10S/840 PSD-E UGR19 IP54	(0.380,0.377) SDCM≤5	-10% / +10%
10904900	DN142B 10S/830 PSD-E UGR19 ELB3	(0.435,0.405) SDCM≤5	-10% / +10%
10906300	DN142B 10S/840 PSD-E UGR19 ELB3	(0.380,0.377) SDCM≤5	-10% / +10%
50303899	DN142B 10S/830 PSU-E UGR19	(0.435,0.404) SDCM≤5	+/-10%
50302199	DN142B 10S/830 PSU-E UGR19 IP54	(0.435,0.405) SDCM≤5	+/-10%
50299499	DN142B 10S/840 PSU-E UGR19	(0.380,0.377) SDCM≤5	+/-10%
50298799	DN142B 10S/840 PSU-E UGR19 IP54	(0.380,0.377) SDCM≤5	+/-10%
10895000	DN142B 20S/830 PSD-E WR	(0.435,0.404) SDCM≤5	-10% / +10%
10896700	DN142B 20S/830 PSD-E WR IP54	(0.435,0.404) SDCM≤5	-10% / +10%
10899800	DN142B 20S/840 PSD-E WR	(0.380,0.377) SDCM≤5	-10% / +10%
10900100	DN142B 20S/840 PSD-E WR IP54	(0.380,0.377) SDCM≤5	-10% / +10%
10907000	DN142B 20S/830 PSD-E WR ELB3	(0.435,0.404) SDCM≤5	-10% / +10%
10909400	DN142B 20S/840 PSD-E WR ELB3	(0.380,0.377) SDCM≤5	-10% / +10%
10911700	DN142B 20S/830 WIA-E WR IP54	(0.435,0.404) SDCM≤5	-10% / +10%
10913100	DN142B 20S/840 WIA-E WR IP54	(0.380,0.377) SDCM≤5	-10% / +10%
10915500	DN142B 20S/830 WIA-E WR ELB3 IP54	(0.435,0.404) SDCM≤5	-10% / +10%
10917900	DN142B 20S/840 WIA-E WR ELB3 IP54	(0.380,0.377) SDCM≤5	-10% / +10%
50297099	DN142B 20S/830 PSU-E WR	(0.435,0.404) SDCM≤5	+/-10%
50296399	DN142B 20S/830 PSU-E WR IP54	(0.435,0.404) SDCM≤5	+/-10%
50293299	DN142B 20S/840 PSU-E WR	(0.380,0.377) SDCM≤5	+/-10%
50292599	DN142B 20S/840 PSU-E WR IP54	(0.380,0.377) SDCM≤5	+/-10%

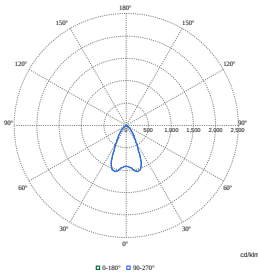
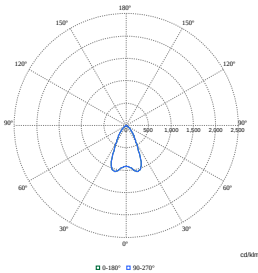
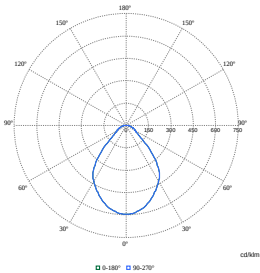
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50305299	DN142B 10S/830 PSU-E WR	-
50304599	DN142B 10S/830 PSU-E WR IP54	-
50301499	DN142B 10S/840 PSU-E WR	-
50300799	DN142B 10S/840 PSU-E WR IP54	-

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Order Code	Full Product Name	Product family code
10897400	DN142B 20S/830 PSD-E UGR19	DN142B
10898100	DN142B 20S/830 PSD-E UGR19 IP54	DN142B
10901800	DN142B 20S/840 PSD-E UGR19	DN142B
10902500	DN142B 20S/840 PSD-E UGR19 IP54	DN142B
10908700	DN142B 20S/830 PSD-E UGR19 ELB3	DN142B
10910000	DN142B 20S/840 PSD-E UGR19 ELB3	DN142B
10912400	DN142B 20S/830 WIA-E UGR19 IP54	DN142B
10914800	DN142B 20S/840 WIA-E UGR19 IP54	DN142B
10916200	DN142B 20S/830 WIA-E UGR19 ELB3 IP54	DN142B
10918600	DN142B 20S/840 WIA-E UGR19 ELB3 IP54	DN142B
50295699	DN142B 20S/830 PSU-E UGR19	-
50294999	DN142B 20S/830 PSU-E UGR19 IP54	-
50291899	DN142B 20S/840 PSU-E UGR19	-
50290199	DN142B 20S/840 PSU-E UGR19 IP54	-
10889900	DN142B 10S/830 PSD-E UGR19	DN142B
10890500	DN142B 10S/830 PSD-E UGR19 IP54	DN142B
10893600	DN142B 10S/840 PSD-E UGR19	DN142B
10894300	DN142B 10S/840 PSD-E UGR19 IP54	DN142B
10904900	DN142B 10S/830 PSD-E UGR19 ELB3	DN142B

Order Code	Full Product Name	Product family code
10906300	DN142B 10S/840 PSD-E UGR19 ELB3	DN142B
50303899	DN142B 10S/830 PSU-E UGR19	-
50302199	DN142B 10S/830 PSU-E UGR19 IP54	-
50299499	DN142B 10S/840 PSU-E UGR19	-
50298799	DN142B 10S/840 PSU-E UGR19 IP54	-
10895000	DN142B 20S/830 PSD-E WR	DN142B
10896700	DN142B 20S/830 PSD-E WR IP54	DN142B
10899800	DN142B 20S/840 PSD-E WR	DN142B
10900100	DN142B 20S/840 PSD-E WR IP54	DN142B
10907000	DN142B 20S/830 PSD-E WR ELB3	DN142B
10909400	DN142B 20S/840 PSD-E WR ELB3	DN142B
10911700	DN142B 20S/830 WIA-E WR IP54	DN142B
10913100	DN142B 20S/840 WIA-E WR IP54	DN142B
10915500	DN142B 20S/830 WIA-E WR ELB3 IP54	DN142B
10917900	DN142B 20S/840 WIA-E WR ELB3 IP54	DN142B
50297099	DN142B 20S/830 PSU-E WR	-
50296399	DN142B 20S/830 PSU-E WR IP54	-
50293299	DN142B 20S/840 PSU-E WR	-
50292599	DN142B 20S/840 PSU-E WR IP54	-

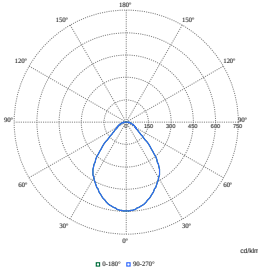
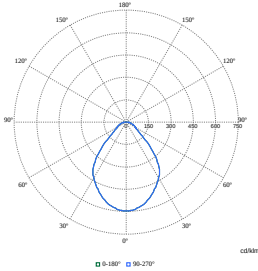
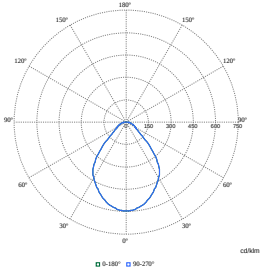
Polar Wide Diagrams



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Polar Normal (separate) - DN142BI - 910505103618

Polar Normal (separate) - DN142BI - 910505103597

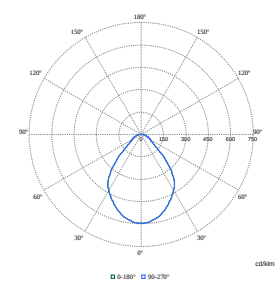


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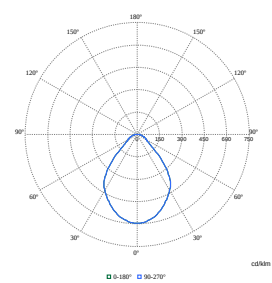
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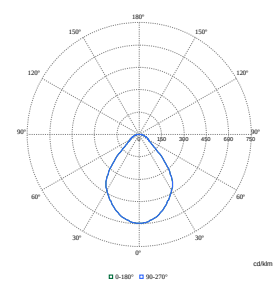
Polar Wide Diagrams



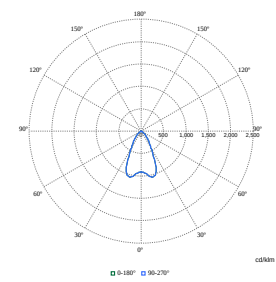
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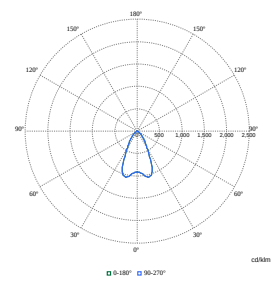
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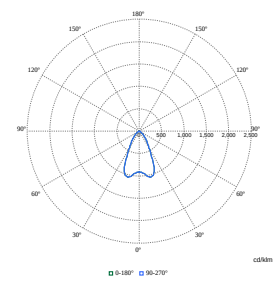
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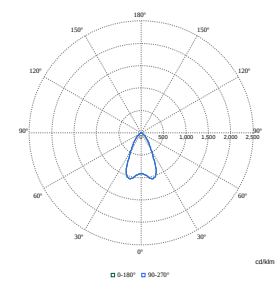
Polar Normal (separate) - DN142BI - 910505103596



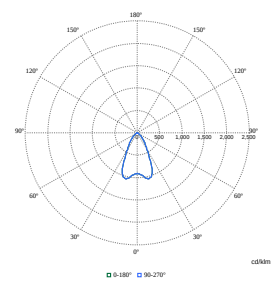
Polar Normal (separate) - DN142BI - 910505103616



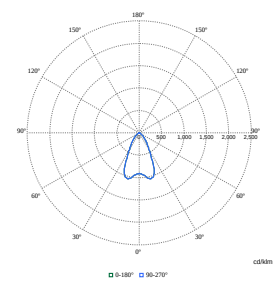
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Polar Normal (separate) - DN142BI - 910505103601

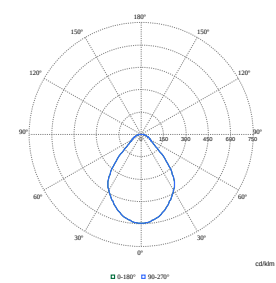


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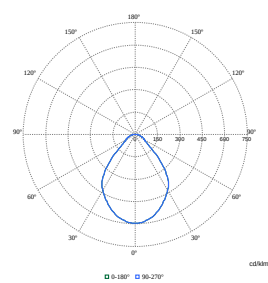


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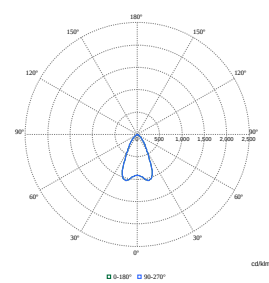
Polar Wide Diagrams



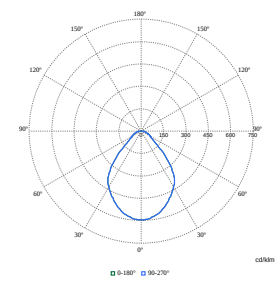
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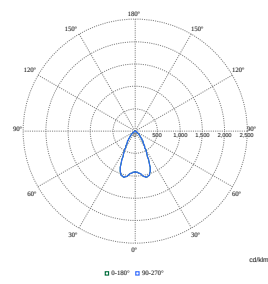
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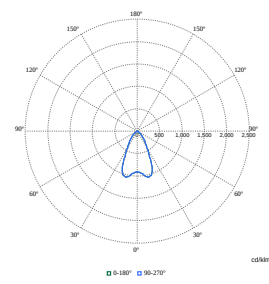
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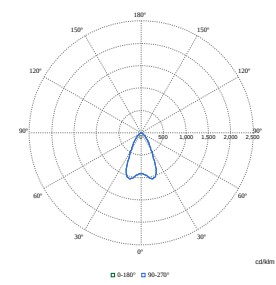
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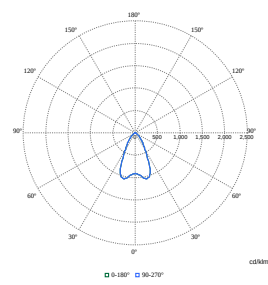
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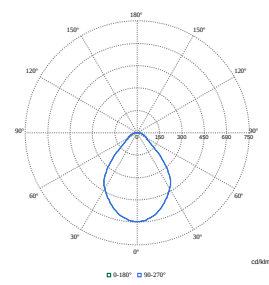
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Polar Normal (separate) - DN142BI - 910505103614

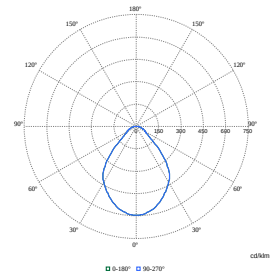
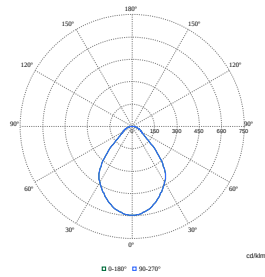
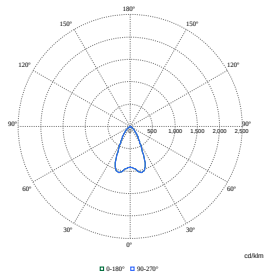


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Polar Normal (separate) - DN142BI - 910505103594

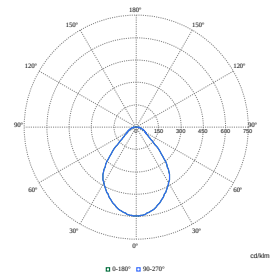
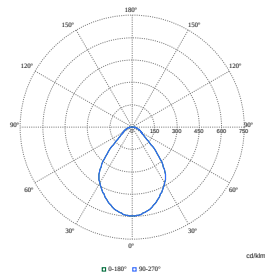
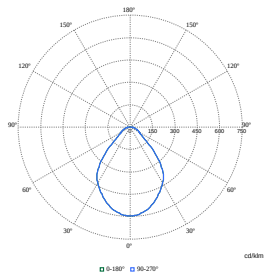
Polar Wide Diagrams



Polar Normal (separate) - DN142BI - 910505103610

Polar Normal (separate) - DN142BI - 910505103599

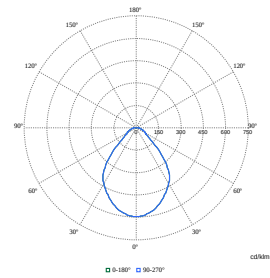
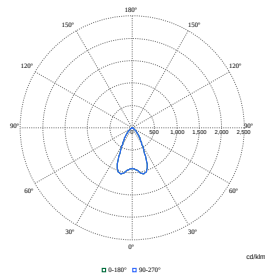
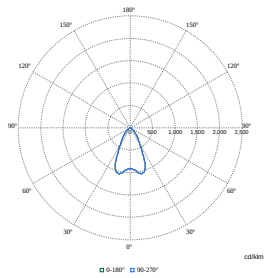
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Polar Normal (separate) - DN142BI - 910505103609

Polar Normal (separate) - DN142BI - 910505103598

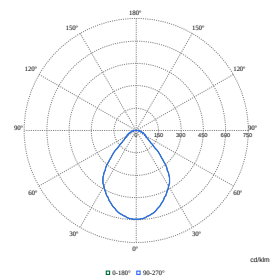
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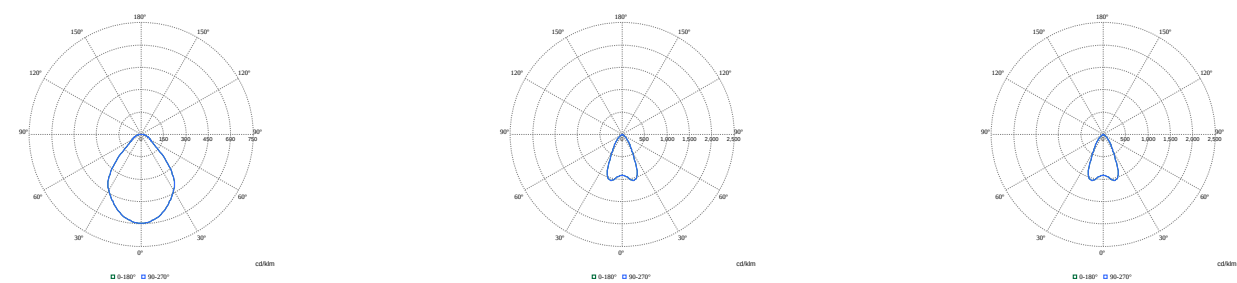
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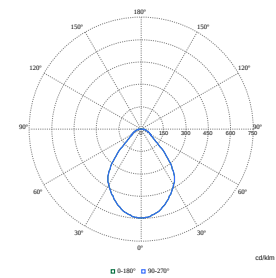
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CoreLine Downlight gen5

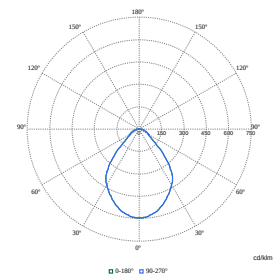
Polar Wide Diagrams



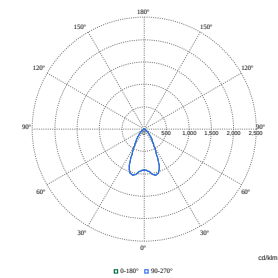
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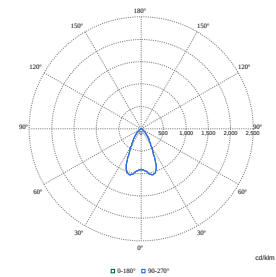
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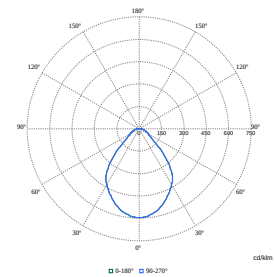
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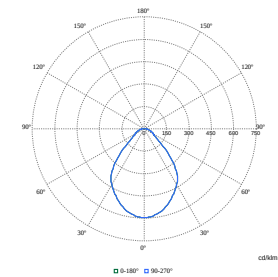
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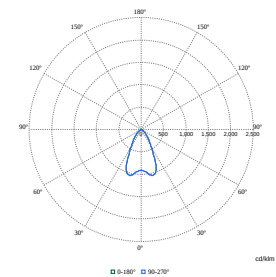
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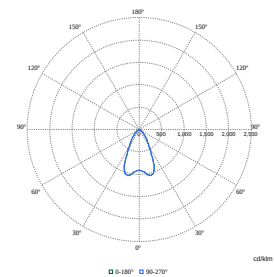
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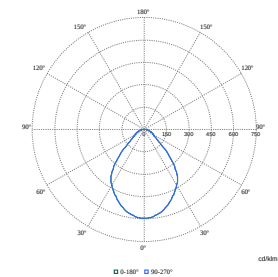
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Polar Normal (separate) - null - 911401551832



Polar Normal (separate) - null - 911401551932



Polar Normal (separate) - null - 911401552032



Polar Normal (separate) - null - 911401552132

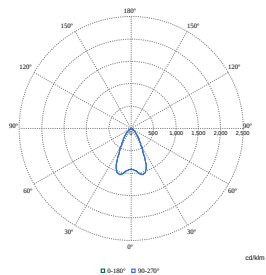


Polar Normal (separate) - null - 911401552232

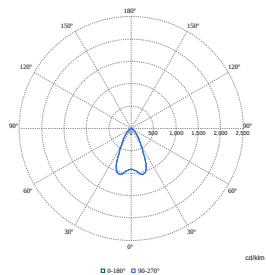


CoreLine Downlight gen5

Polar Wide Diagrams



Polar Normal (separate) - null - 911401552432



Polar Normal (separate) - null - 911401552532

