



Downlight Philips CoreLine: facile installazione, ottima illuminazione

CoreLine Downlight gen5

Philips CoreLine Downlight mantiene la promessa CoreLine di downlight da incasso innovativi, facili da usare e di alta qualità. La gamma CoreLine Downlight è adatta per la sostituzione one-to-one di apparecchi di illuminazione convenzionali, con un interessante TCO che aiuta i tuoi clienti a passare al LED. Questi downlight da incasso per interni offrono una distribuzione uniforme della luce per l'utilizzo nell'illuminazione generale e nelle applicazioni per uffici (UGR 19). Offrono anche risparmi energetici istantanei e hanno una durata molto più lunga, creando una soluzione rispettosa dell'ambiente e con un ottimo rapporto qualità-prezzo. I downlight da incasso CoreLine DN142B sono facili da installare grazie alle dimensioni standard dell'apertura e ai connettori push-in. In questa famiglia è disponibile anche un'opzione Interact ready con comunicazioni wireless integrate, che può essere utilizzata con gateway, sensori e software Interact.

Vantaggi

- Risparmio energetico e aumento della durata riducendo tutti i costi operativi
- La sostituzione singola semplifica il passaggio al LED
- Abbagliamento ridotto adatto per applicazioni in ufficio

CoreLine Downlight gen5

Caratteristiche

- Disponibile in due dimensioni di ritaglio (150 mm e 200 mm)
- Downlight riflettore bianco UGR 25
- Downlight con riflettore in alluminio UGR 19
- Efficienza energetica: fino a 120 lm/W
- Scelta di temperature del colore: 3.000 e 4.000 K
- Scelta di driver; DALI e wireless con Interact ready
- Disponibili versioni con illuminazione di emergenza opzionali
- Disponibili versioni IP54 opzionali

Applicazione

- Uffici
- Aree generali interne
- Accoglienza e salotto
- Sale riunioni
- Corridoi

Warnings and safety

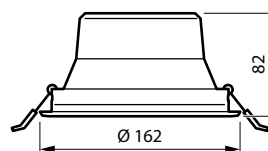
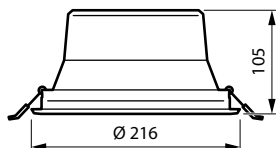
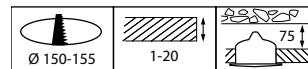
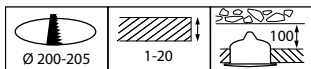
- Non applicare una forza eccessiva al cavo e all'ampli; connettore CC, assicurarsi che la clip del connettore sia bloccata prima che l'alimentazione sia accesa.

Versions



CoreLine Downlight DN142B Mini
with UGR19

Disegno tecnico



CoreLine Downlight gen5

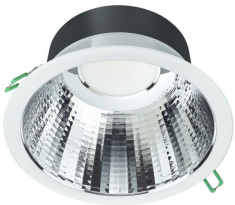
Dati del prodotto



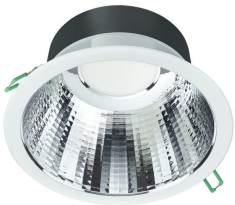
CoreLine Downlight DN142B
Compact with White Reflector
(WR)



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

Informazioni generali	
Driver incluso	Sì
Numero di riduttori	1 unità
Service tag	Sì
Dati tecnici di illuminazione	
Angolo del fascio della sorgente luminosa	– °
Indice di resa cromatica (CRI)	>80
Funzionamento e parte elettrica	
Classe di protezione IEC	Classe di isolamento II
Frequenza di linea	50 to 60 Hz
Adatto per la commutazione casuale	Sì
Meccanica e corpo	
Colore alloggiamento	Bianco
Codice di protezione dagli impatti meccanici	IK02
Approvazione e applicazione	
Intervallo temperatura ambiente	Da -20 a +40 °C
Marchio CE	Sì
Marchio ENEC	–
Marchio di infiammabilità	Per montaggio su superfici normalmente infiammabili
Test filo incandescente	Temperatura 650 °C, durata 30 s
Effetto stroboscopico	1

Informazioni generali

Order Code	Full Product Name	Sorgente luminosa sostituibile
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

Dati tecnici di illuminazione

CoreLine Downlight gen5

Order Code	Full Product Name	Temperatura di colore correlata (Nom)	Efficienza luminosa (specificata) (Nom)	Flusso luminoso	Tipo di ottica
10887500	DN142B 10S/830 PSD- E WR	3000 K	112 lm/W	1.200 lm	Riflettore bianco perforato senza schermo
10888200	DN142B 10S/830 PSD- E WR IP54	3000 K	112 lm/W	1.200 lm	Riflettore bianco perforato senza schermo
10891200	DN142B 10S/840 PSD-E WR	4000 K	112 lm/W	1.200 lm	Riflettore bianco perforato senza schermo
10892900	DN142B 10S/840 PSD-E WR IP54	4000 K	112 lm/W	1.200 lm	Riflettore bianco perforato senza schermo
10903200	DN142B 10S/830 PSD- E WR ELB3	3000 K	80 lm/W	1.200 lm	Riflettore bianco perforato senza schermo
10905600	DN142B 10S/840 PSD-E WR ELB3	4000 K	80 lm/W	1.200 lm	Riflettore bianco perforato senza schermo
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	Riflettore sfaccettato
10898100	DN142B 20S/830 PSD-E UGR19 IP54	3000 K	110 lm/W	2.250 lm	Riflettore sfaccettato

Order Code	Full Product Name	Temperatura di colore correlata (Nom)	Efficienza luminosa (specificata) (Nom)	Flusso luminoso	Tipo di ottica
10901800	DN142B 20S/840 PSD-E UGR19	4000 K	110 lm/W	2.250 lm	Riflettore sfaccettato
10902500	DN142B 20S/840 PSD-E UGR19 IP54	4000 K	110 lm/W	2.250 lm	Riflettore sfaccettato
10908700	DN142B 20S/830 PSD-E UGR19 ELB3	3000 K	92 lm/W	2.250 lm	Riflettore sfaccettato
10910000	DN142B 20S/840 PSD-E UGR19 ELB3	4000 K	92 lm/W	2.250 lm	Riflettore sfaccettato
10912400	DN142B 20S/830 WIA-E UGR19 IP54	3000 K	111 lm/W	2.250 lm	Riflettore sfaccettato
10914800	DN142B 20S/840 WIA-E UGR19 IP54	4000 K	111 lm/W	2.250 lm	Riflettore sfaccettato
10916200	DN142B 20S/830 WIA-E UGR19 ELB3 IP54	3000 K	91 lm/W	2.250 lm	Riflettore sfaccettato
10918600	DN142B 20S/840 WIA-E UGR19 ELB3 IP54	4000 K	91 lm/W	2.250 lm	Riflettore sfaccettato
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	Riflettore sfaccettato

CoreLine Downlight gen5

Order Code	Full Product Name	Temperatura di colore correlata (Nom)	Efficienza luminosa (specificata) (Nom)	Flusso luminoso	Tipo di ottica
10890500	DN142B 10S/830 PSD-E UGR19 IP54	3000 K	107 lm/W	1.150 lm	Riflettore sfaccettato
10893600	DN142B 10S/840 PSD-E UGR19	4000 K	107 lm/W	1.150 lm	Riflettore sfaccettato
10894300	DN142B 10S/840 PSD-E UGR19 IP54	4000 K	107 lm/W	1.150 lm	Riflettore sfaccettato
10904900	DN142B 10S/830 PSD-E UGR19 ELB3	3000 K	77 lm/W	1.150 lm	Riflettore sfaccettato
10906300	DN142B 10S/840 PSD-E UGR19 ELB3	4000 K	77 lm/W	1.150 lm	Riflettore sfaccettato
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	Riflettore bianco perforato senza schermo
10896700	DN142B 20S/830 PSD-E WR IP54	3000 K	116 lm/W	2.350 lm	Riflettore bianco perforato senza schermo
10899800	DN142B 20S/840 PSD-E WR	4000 K	116 lm/W	2.350 lm	Riflettore bianco perforato senza schermo
10900100	DN142B 20S/840	4000 K	116 lm/W	2.350 lm	Riflettore bianco perforato

Order Code	Full Product Name	Temperatura di colore correlata (Nom)	Efficienza luminosa (specificata) (Nom)	Flusso luminoso	Tipo di ottica
	PSD-E WR IP54				senza schermo
10907000	DN142B 20S/830 PSD-E WR ELB3	3000 K	96 lm/W	2.350 lm	Riflettore bianco perforato senza schermo
10909400	DN142B 20S/840 PSD-E WR ELB3	4000 K	96 lm/W	2.350 lm	Riflettore bianco perforato senza schermo
10911700	DN142B 20S/830 WIA-E WR IP54	3000 K	116 lm/W	2.350 lm	Riflettore bianco perforato senza schermo
10913100	DN142B 20S/840 WIA-E WR IP54	4000 K	117 lm/W	2.350 lm	Riflettore bianco perforato senza schermo
10915500	DN142B 20S/830 WIA-E WR ELB3 IP54	3000 K	95 lm/W	2.350 lm	Riflettore bianco perforato senza schermo
10917900	DN142B 20S/840 WIA-E WR ELB3 IP54	4000 K	95 lm/W	2.350 lm	Riflettore bianco perforato senza schermo
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	-

Funzionamento e parte elettrica

CoreLine Downlight gen5

Order Code	Full Product Name	Tensione in ingresso	Consumo	
			energetico	
10887500	DN142B 10S/830 PSD-E WR	Da 220 a 240 V	10,7 W	
10888200	DN142B 10S/830 PSD-E WR IP54	Da 220 a 240 V	10,7 W	
10891200	DN142B 10S/840 PSD-E WR	Da 220 a 240 V	10,7 W	
10892900	DN142B 10S/840 PSD-E WR IP54	Da 220 a 240 V	10,7 W	
10903200	DN142B 10S/830 PSD-E WR ELB3	Da 220 a 240 V	14,9 W	
10905600	DN142B 10S/840 PSD-E WR ELB3	Da 220 a 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	Da 220 a 240 V	20,5 W	
10898100	DN142B 20S/830 PSD-E UGR19 IP54	Da 220 a 240 V	20,5 W	
10901800	DN142B 20S/840 PSD-E UGR19	Da 220 a 240 V	20,5 W	
10902500	DN142B 20S/840 PSD-E UGR19 IP54	Da 220 a 240 V	20,5 W	
10908700	DN142B 20S/830 PSD-E UGR19 ELB3	Da 220 a 240 V	24,5 W	
10910000	DN142B 20S/840 PSD-E UGR19 ELB3	Da 220 a 240 V	24,5 W	
10912400	DN142B 20S/830 WIA-E UGR19 IP54	Da 220 a 240 V	20,4 W	
10914800	DN142B 20S/840 WIA-E UGR19 IP54	Da 220 a 240 V	20,4 W	
10916200	DN142B 20S/830 WIA-E UGR19 ELB3 IP54	Da 220 a 240 V	24,9 W	
10918600	DN142B 20S/840 WIA-E UGR19 ELB3 IP54	Da 220 a 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	
10889900	DN142B 10S/830 PSD-E UGR19	Da 220 a 240 V	10,7 W	
10890500	DN142B 10S/830 PSD-E UGR19 IP54	Da 220 a 240 V	10,7 W	

Controlli e dimmerazione

Order Code	Full Product Name	Dimmerabile	Livello massimo di	
			attenuazione	
10887500	DN142B 10S/830 PSD-E WR	Si	-	
10888200	DN142B 10S/830 PSD-E WR IP54	Si	-	
10891200	DN142B 10S/840 PSD-E WR	Si	-	
10892900	DN142B 10S/840 PSD-E WR IP54	Si	-	
10903200	DN142B 10S/830 PSD-E WR ELB3	Si	-	
10905600	DN142B 10S/840 PSD-E WR ELB3	Si	-	
50305299	DN142B 10S/830 PSU-E WR	No	Non applicabile	

Order Code	Full Product Name	Tensione in ingresso	Consumo	
			energetico	
10893600	DN142B 10S/840 PSD-E UGR19	Da 220 a 240 V	10,7 W	
10894300	DN142B 10S/840 PSD-E UGR19 IP54	Da 220 a 240 V	10,7 W	
10904900	DN142B 10S/830 PSD-E UGR19 ELB3	Da 220 a 240 V	14,9 W	
10906300	DN142B 10S/840 PSD-E UGR19 ELB3	Da 220 a 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	Da 220 a 240 V	20,5 W	
10896700	DN142B 20S/830 PSD-E WR IP54	Da 220 a 240 V	20,5 W	
10899800	DN142B 20S/840 PSD-E WR	Da 220 a 240 V	20,5 W	
10900100	DN142B 20S/840 PSD-E WR IP54	Da 220 a 240 V	20,5 W	
10907000	DN142B 20S/830 PSD-E WR ELB3	Da 220 a 240 V	24,5 W	
10909400	DN142B 20S/840 PSD-E WR ELB3	Da 220 a 240 V	24,5 W	
10911700	DN142B 20S/830 WIA-E WR IP54	Da 220 a 240 V	20,4 W	
10913100	DN142B 20S/840 WIA-E WR IP54	Da 220 a 240 V	20,4 W	
10915500	DN142B 20S/830 WIA-E WR ELB3 IP54	Da 220 a 240 V	24,9 W	
10917900	DN142B 20S/840 WIA-E WR ELB3 IP54	Da 220 a 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	

Order Code	Full Product Name	Dimmerabile	Livello massimo di	
			attenuazione	
50304599	DN142B 10S/830 PSU-E WR IP54	No	Non applicabile	
50301499	DN142B 10S/840 PSU-E WR	No	Non applicabile	
50300799	DN142B 10S/840 PSU-E WR IP54	No	Non applicabile	
10897400	DN142B 20S/830 PSD-E UGR19	Si	-	
10898100	DN142B 20S/830 PSD-E UGR19 IP54	Si	-	
10901800	DN142B 20S/840 PSD-E UGR19	Si	-	
10902500	DN142B 20S/840 PSD-E UGR19 IP54	Si	-	

CoreLine Downlight gen5

Order Code	Full Product Name	Livello massimo di	
		Dimmerabile	attenuazione
10908700	DN142B 20S/830 PSD-E UGR19 ELB3	Si	-
10910000	DN142B 20S/840 PSD-E UGR19 ELB3	Si	-
10912400	DN142B 20S/830 WIA-E UGR19 IP54	Si	-
10914800	DN142B 20S/840 WIA-E UGR19 IP54	Si	-
10916200	DN142B 20S/830 WIA-E UGR19 ELB3 IP54	Si	-
10918600	DN142B 20S/840 WIA-E UGR19 ELB3 IP54	Si	-
50295699	DN142B 20S/830 PSU-E UGR19	No	Non applicabile
50294999	DN142B 20S/830 PSU-E UGR19 IP54	No	Non applicabile
50291899	DN142B 20S/840 PSU-E UGR19	No	Non applicabile
50290199	DN142B 20S/840 PSU-E UGR19 IP54	No	Non applicabile
10889900	DN142B 10S/830 PSD-E UGR19	Si	-
10890500	DN142B 10S/830 PSD-E UGR19 IP54	Si	-
10893600	DN142B 10S/840 PSD-E UGR19	Si	-
10894300	DN142B 10S/840 PSD-E UGR19 IP54	Si	-
10904900	DN142B 10S/830 PSD-E UGR19 ELB3	Si	-
10906300	DN142B 10S/840 PSD-E UGR19 ELB3	Si	-

Order Code	Full Product Name	Livello massimo di	
		Dimmerabile	attenuazione
50303899	DN142B 10S/830 PSU-E UGR19	No	Non applicabile
50302199	DN142B 10S/830 PSU-E UGR19 IP54	No	Non applicabile
50299499	DN142B 10S/840 PSU-E UGR19	No	Non applicabile
50298799	DN142B 10S/840 PSU-E UGR19 IP54	No	Non applicabile
10895000	DN142B 20S/830 PSD-E WR	Si	-
10896700	DN142B 20S/830 PSD-E WR IP54	Si	-
10899800	DN142B 20S/840 PSD-E WR	Si	-
10900100	DN142B 20S/840 PSD-E WR IP54	Si	-
10907000	DN142B 20S/830 PSD-E WR ELB3	Si	-
10909400	DN142B 20S/840 PSD-E WR ELB3	Si	-
10911700	DN142B 20S/830 WIA-E WR IP54	Si	-
10913100	DN142B 20S/840 WIA-E WR IP54	Si	-
10915500	DN142B 20S/830 WIA-E WR ELB3 IP54	Si	-
10917900	DN142B 20S/840 WIA-E WR ELB3 IP54	Si	-
50297099	DN142B 20S/830 PSU-E WR	No	Non applicabile
50296399	DN142B 20S/830 PSU-E WR IP54	No	Non applicabile
50293299	DN142B 20S/840 PSU-E WR	No	Non applicabile
50292599	DN142B 20S/840 PSU-E WR IP54	No	Non applicabile

Meccanica e corpo

Order Code	Full Product Name	e una gestione termica
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	e una gestione termica
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

Funzionamento di emergenza

CoreLine Downlight gen5

				Durata nominale dell'illuminazione di emergenza (completamente carica)
Order Code	Full Product Name	Emergenza centralizzata	Illuminazione di emergenza	
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	Illuminazione di emergenza durata 3 ore versione base	3 ore
10905600	DN142B 10S/840 PSD-E WR ELB3	No	Illuminazione di emergenza durata 3 ore versione base	3 ore
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	-	-	-
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	Illuminazione di emergenza durata 3 ore versione base	3 ore
10910000	DN142B 20S/840 PSD-E UGR19 ELB3	No	Illuminazione di emergenza durata 3 ore versione base	3 ore
10912400	DN142B 20S/830 WIA-E UGR19 IP54	No	-	-
10914800	DN142B 20S/840 WIA-E UGR19 IP54	No	-	-

				Durata nominale dell'illuminazione di emergenza (completamente carica)
Order Code	Full Product Name	Emergenza centralizzata	Illuminazione di emergenza	
10916200	DN142B 20S/830 WIA-E UGR19 ELB3 IP54	No	Illuminazione di emergenza durata 3 ore versione base	3 ore
10918600	DN142B 20S/840 WIA-E UGR19 ELB3 IP54	No	Illuminazione di emergenza durata 3 ore versione base	3 ore
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	-	-
10904900	DN142B 10S/830 PSD-E UGR19 ELB3	No	Illuminazione di emergenza durata 3 ore versione base	3 ore
10906300	DN142B 10S/840 PSD-E UGR19 ELB3	No	Illuminazione di emergenza durata 3 ore versione base	3 ore
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	-	-

CoreLine Downlight gen5

				Durata nominale dell'illuminazione di emergenza (completamente carica)
Order Code	Full Product Name	Emergenza centralizzata	Illuminazione di emergenza	
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	Illuminazione di emergenza durata 3 ore versione base	3 ore
10909400	DN142B 20S/840 PSD-E WR ELB3	No	Illuminazione di emergenza durata 3 ore versione base	3 ore
10911700	DN142B 20S/830 WIA-E WR IP54	No	-	-
10913100	DN142B 20S/840 WIA-E WR IP54	No	-	-

Approvazione e applicazione

Order Code	Full Product Name	Valore di tremolio (PstLM)
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

				Durata nominale dell'illuminazione di emergenza (completamente carica)
Order Code	Full Product Name	Emergenza centralizzata	Illuminazione di emergenza	
10915500	DN142B 20S/830 WIA-E WR ELB3 IP54	No	Illuminazione di emergenza durata 3 ore versione base	3 ore
10917900	DN142B 20S/840 WIA-E WR ELB3 IP54	No	Illuminazione di emergenza durata 3 ore versione base	3 ore
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	-	-	-

Order Code	Full Product Name	Valore di tremolio (PstLM)
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

Performance iniziale (conforme a IEC)

CoreLine Downlight gen5

Order Code	Full Product Name	Cromaticità iniziale	Tolleranza al flusso luminoso
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%
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%
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%

Order Code	Full Product Name	Cromaticità iniziale	Tolleranza al flusso luminoso
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%
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%

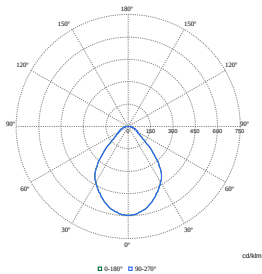
Dati del prodotto

CoreLine Downlight gen5

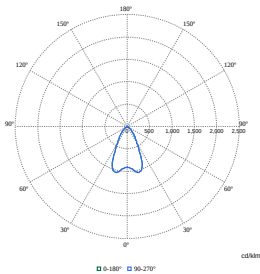
Order Code	Full Product Name	Codice famiglia prodotto
10887500	DN142B 10S/830 PSD-E WR	DN142B
10888200	DN142B 10S/830 PSD-E WR IP54	DN142B
10891200	DN142B 10S/840 PSD-E WR	DN142B
10892900	DN142B 10S/840 PSD-E WR IP54	DN142B
10903200	DN142B 10S/830 PSD-E WR ELB3	DN142B
10905600	DN142B 10S/840 PSD-E WR ELB3	DN142B
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	-
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	-

Order Code	Full Product Name	Codice famiglia prodotto
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
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	-

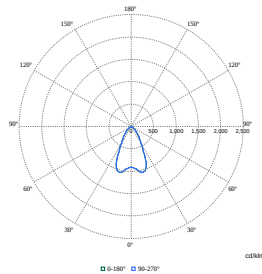
Polar Wide Diagrams



Polar Normal (separate) - DN142BI - 910505103586

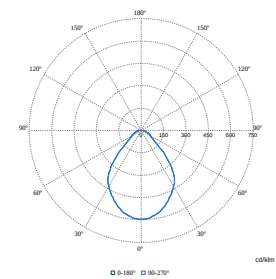


Polar Normal (separate) - DN142BI - 910505103618

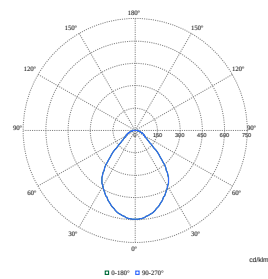


Polar Normal (separate) - DN142BI - 910505103597

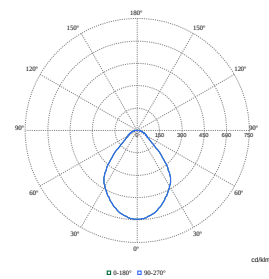
Polar Wide Diagrams



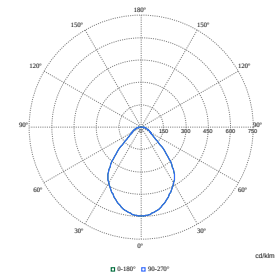
Polar Normal (separate) - DN142BI - 910505103605



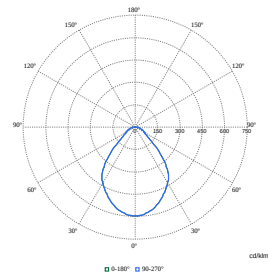
Polar Normal (separate) - DN142BI - 910505103603



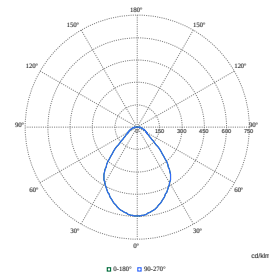
Polar Normal (separate) - DN142BI - 910505103591



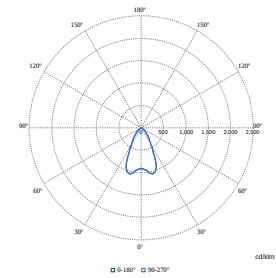
Polar Normal (separate) - DN142BI - 910505103607



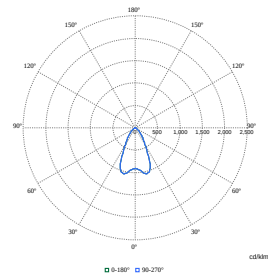
Polar Normal (separate) - DN142BI - 910505103615



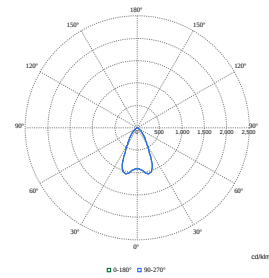
Polar Normal (separate) - DN142BI - 910505103611



Polar Normal (separate) - DN142BI - 910505103596

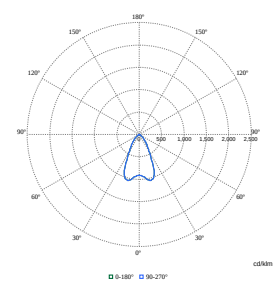
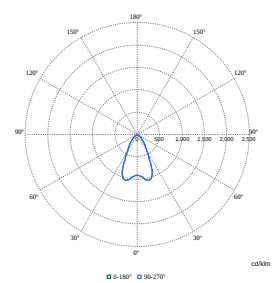
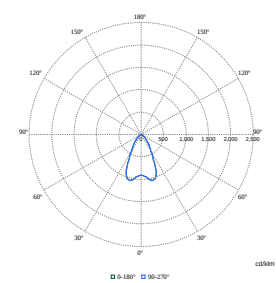


Polar Normal (separate) - DN142BI - 910505103616



Polar Normal (separate) - DN142BI - 910505103612

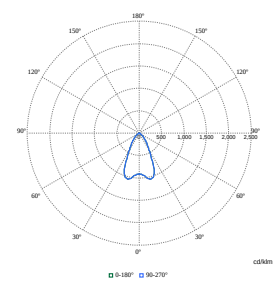
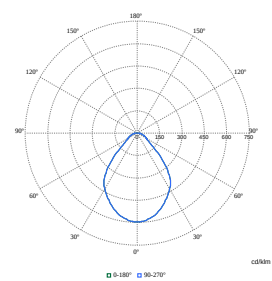
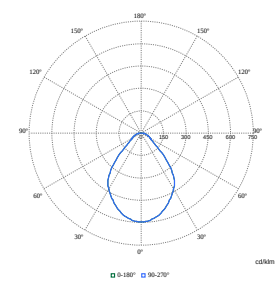
Polar Wide Diagrams



Polar Normal (separate) - DN142BI - 910505103601

Polar Normal (separate) - DN142BI - 910505103589

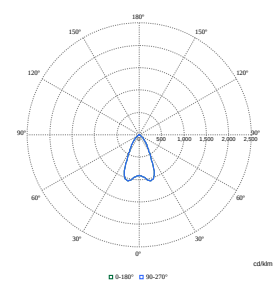
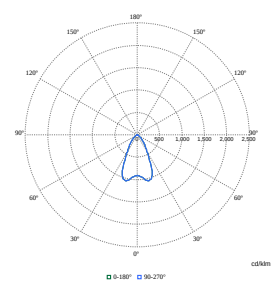
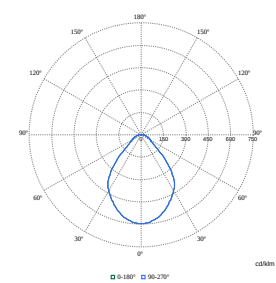
Polar Normal (separate) - DN142BI - 910505103604



Polar Normal (separate) - DN142BI - 910505103590

Polar Normal (separate) - DN142BI - 910505103595

Polar Normal (separate) - DN142BI - 910505103593

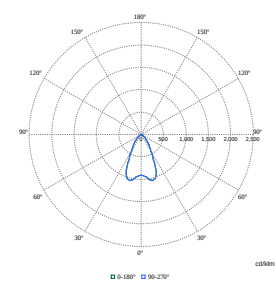


Polar Normal (separate) - DN142BI - 910505103613

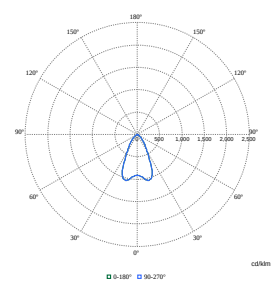
Polar Normal (separate) - DN142BI - 910505103592

Polar Normal (separate) - DN142BI - 910505103602

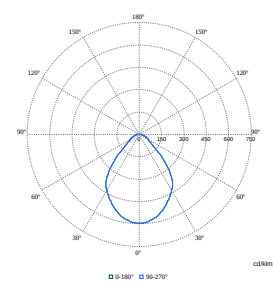
Polar Wide Diagrams



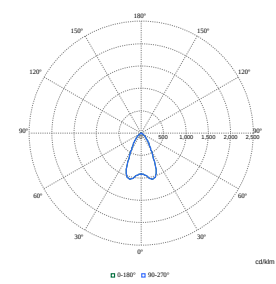
Polar Normal (separate) - DN142BI -
910505103614



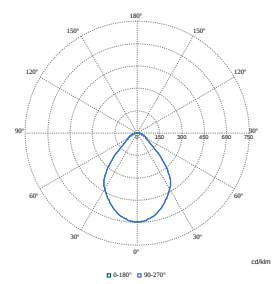
Polar Normal (separate) - DN142BI -
910505103608



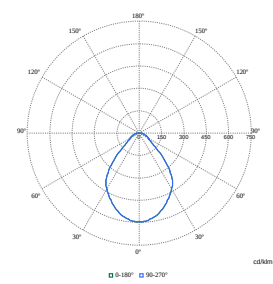
Polar Normal (separate) - DN142BI -
910505103594



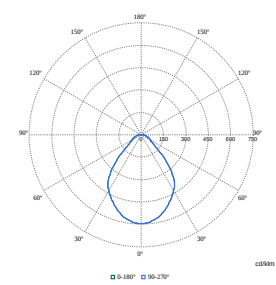
Polar Normal (separate) - DN142BI -
910505103610



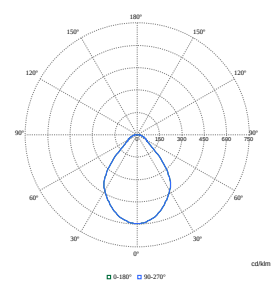
Polar Normal (separate) - DN142BI -
910505103599



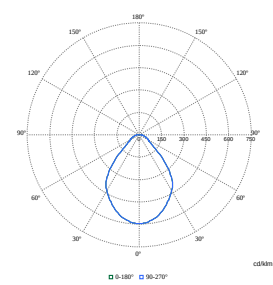
Polar Normal (separate) - DN142BI -
910505103587



Polar Normal (separate) - DN142BI -
910505103609



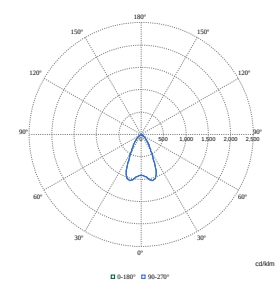
Polar Normal (separate) - DN142BI -
910505103598



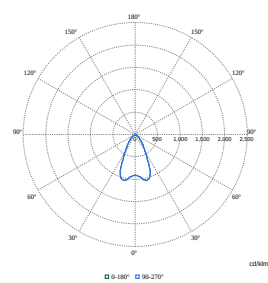
Polar Normal (separate) - DN142BI -
910505103617

CoreLine Downlight gen5

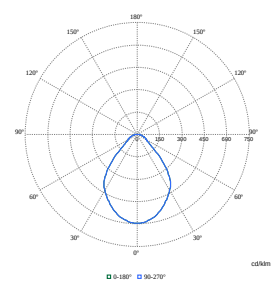
Polar Wide Diagrams



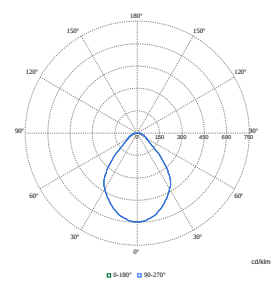
Polar Normal (separate) - DN142BI - 910505103606



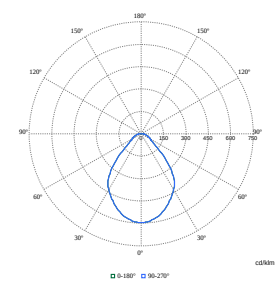
Polar Normal (separate) - DN142BI - 910505103588



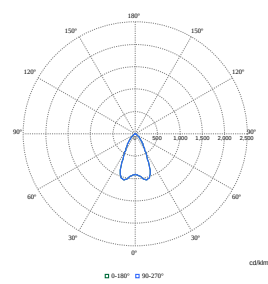
Polar Normal (separate) - null - 911401552332



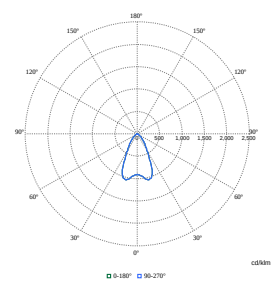
Polar Normal (separate) - null - 911401551032



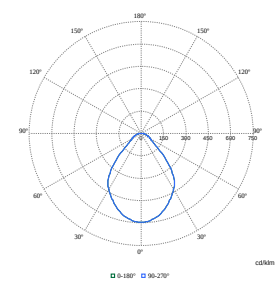
Polar Normal (separate) - null - 911401551132



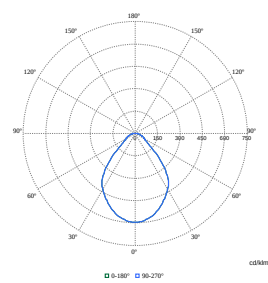
Polar Normal (separate) - null - 911401551232



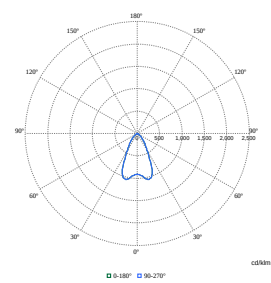
Polar Normal (separate) - null - 911401551332



Polar Normal (separate) - null - 911401551432



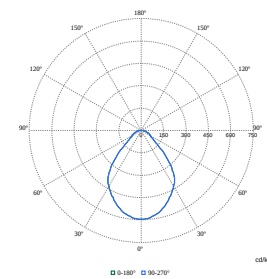
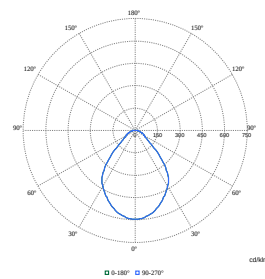
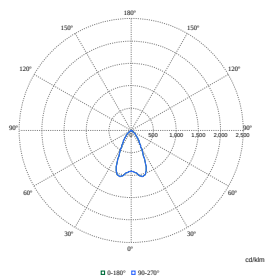
Polar Normal (separate) - null - 911401551532



Polar Normal (separate) - null - 911401551732

CoreLine Downlight gen5

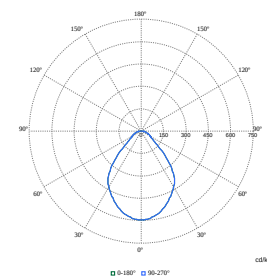
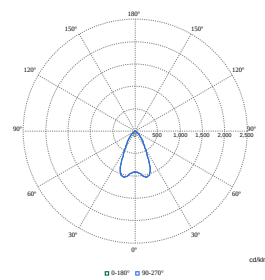
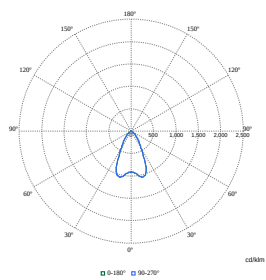
Polar Wide Diagrams



Polar Normal (separate) - null - 911401551632

Polar Normal (separate) - null - 911401551832

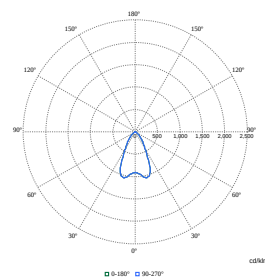
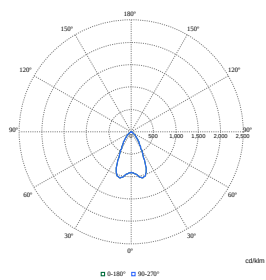
Polar Normal (separate) - null - 911401551932



Polar Normal (separate) - null - 911401552032

Polar Normal (separate) - null - 911401552132

Polar Normal (separate) - null - 911401552232



Polar Normal (separate) - null - 911401552432

Polar Normal (separate) - null - 911401552532

