

PHILIPS

CoreLine SlimDownlight

DN145B



	Driver	Light source of energy efficiency class	 Ø mm	 kg
DN145B LED6S/830_840 WH	PSU	D	80-83mm	0.18
DN145B LED10S/830_840 WH	PSU/PSD/WIA	D	152-157mm	0.297/0.43/0.393
DN145B LED20S/830_840 WH	PSU/PSD/WIA	D	205-210mm	0.413/0.546/0.508

*Dimensions in mm

DN145B

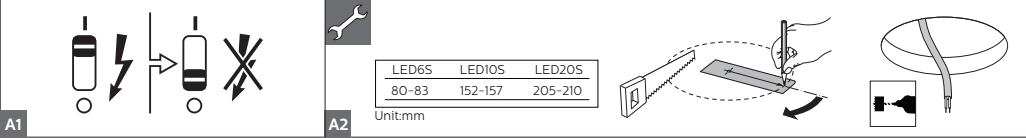
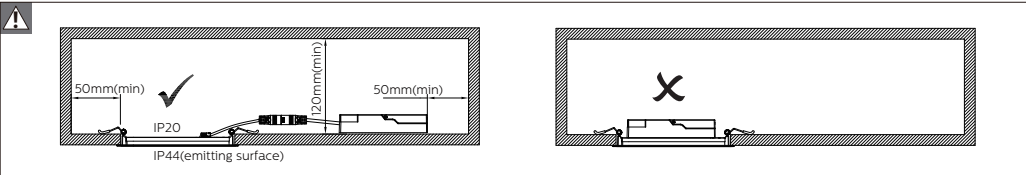
	LED6S	LED10S	LED20S
Ø	90	170	218

Unit:mm

	L	W	H	L1	W1	H1
PSU	122.6	70.5	25	/	/	/
PSD	156	43	30	141	66.5	33.8
WIA	156	43	30	120	45.5	38.8

Unit:mm

Recessed Mounted



PSU

WIA

PSD

PSD/WIA

WIA

PSD

Inrush current

Driver	PSU	PSD	WIA
Electrical characteristics			
I _{max} (A)	5.7	16.5	4.9
T _{ref} (us)	300	177	56
MCB Downlights Max.			
B-10A	41	22	15
B-13A	54	29	19
B-16A	67	36	24
C-10A	70	37	25
C-13A	91	48	32
C-16A	113	61	40

ATTENTION

Observe precautions for handling electrostatic sensitive devices

- DN145B version is IP20 & as such is not protected against water ingress & as such we strongly recommend that the environment in which the luminaire is to be installed is suitably checked
- If the above advice is not taken and the luminaires are subject to water ingress, Philips / Signify cannot guarantee safe failure & product warranty will become void
- The luminaire shall not be covered with thermal insulation or similar material under any circumstance.
- Luminaire must not be used or stored in corrosive environment where hazardous materials such as Sulphur, Chlorine, phthalates, etc. are present.
- If the external flexible cable or cord of this luminaire is damaged, it shall be exclusively replaced by the manufacturer or his service agent or a similar qualified person in order to avoid a hazard.
- Between LV and control circuit is basic insulation.



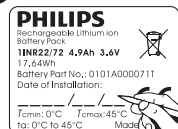
Installation of Emergency unit

Installation of Emergency Lighting Kit (Not included, order separately)

This product is only compatible with:

912401483602 EM300V ELB ELP3 kit LV 3.6V 4900mAh LB

1 Labels



Located on the battery

Maintained Emergency
220-240Vac

X 1 AD 180

Maintained Emergency
ATS Type S 220-240Vac

X 1 ADF 180

OR

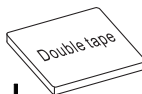
Non-Maintained Emergency
220-240Vac

X 0 AD 180

Non-Maintained Emergency
ATS Type S 220-240Vac

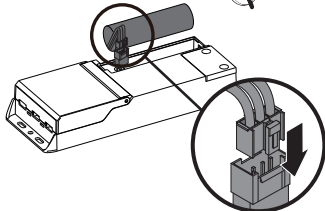
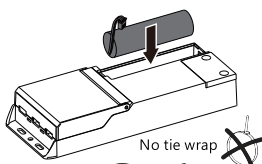
X 0 ADF 180

Stick to/ into the luminaire

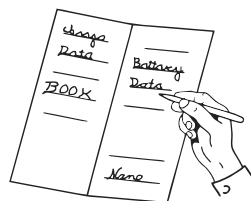


Stick the kit to the luminaire

2 Connection



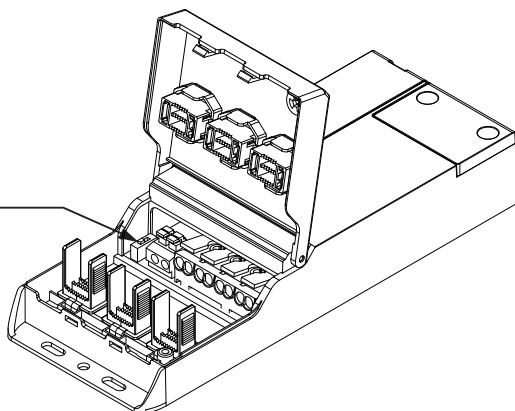
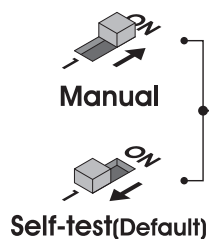
3 Log book



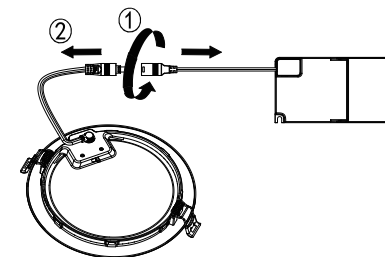
4 Cut-out



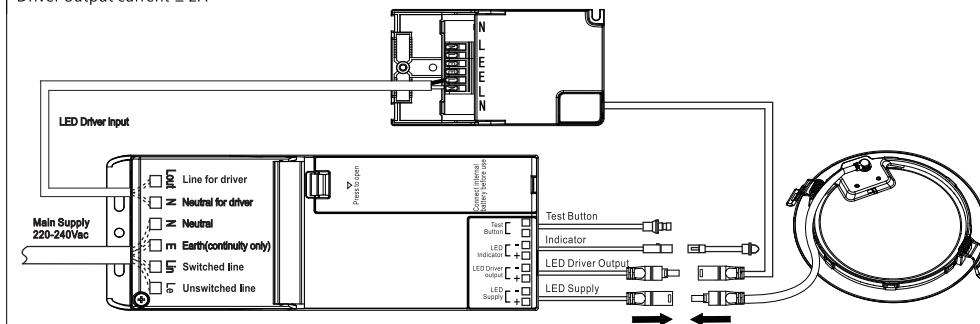
5 Set test mode



Emergency wiring



Driver output current $\leq 2A$



Charge time



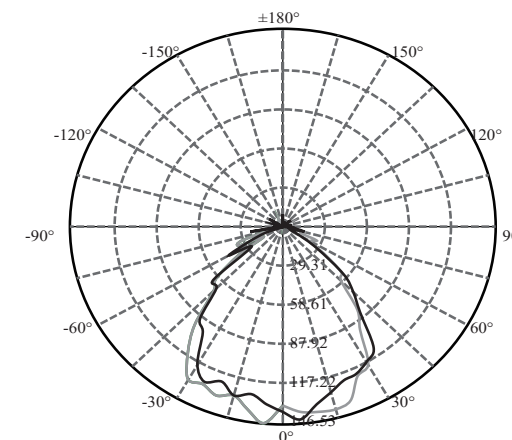
Emergency Lumen Output

Rated lumen output in emergency mode:

DN145B LED6S/830_840 WH: min 270lm

DN145B LED10S/830_840 WH: min 280lm

DN145B LED20S/830_840 WH: min 290lm



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