



Essential SmartBright DN020B G3 LED Downlight



Essential SmartBright DN020B G3 LED Downlight is a value for money product with good lighting performance. It offers wide lumen output from 300lm to 2000lm with multiple cut out dimensions from D80mm to D200mm. It can be used for retail store, residential and office application. It's an ideal product family to distribute in professional trade market.



Features

- Full range of lumen output from 300lm to 2000lm
- 3 Colour temperatures (3000/4000/6500K)
- Multiple cut out dimensions (D80-200)
- » 80lm/w System Efficacy
- 20K (ta=25C L70) hours life time



Benefits

- A complete family offer to customer
- Flexible to suit your style
- Easy to fit various installations
- To replace conventional downlights perfectly



Applications

- Retail
- Office
- Residential
- General lighting

Essential SmartBright DN020B G3

LED Downlight



Specifications

DN020B G3 – (Recessed Round)

Type	D80	D90	D100	D125	D150	D175	D200
lumen@4000K*	300lm	400	600	600/900	900/1200	1500	2000
Cut-out (mm)	Ø80	Ø90	Ø100	Ø125	Ø150	Ø175	Ø200
SDCM	<5						
CRI	>80						
CCT	3000K / 4000K / 6500K						
Voltage	220-240V~ 50/60Hz						
Power (W)	3.5	4.5	7	7/10.5	10.5/14	18	23
Efficacy	>80lm/W						
PF	Up to 0.5						
LED driver	Fixed output (Integrated with luminaire)						
Connection	150mm flex						
Materials and finishing	Plastic white housing						
Lifetime	20,000 hours (L70B50 @ 25°C)						
Working Temp.	-20°C < Ta < +40°C						
Electrical Class	Class II						
IP rating	IP20						
Certifications	CB, EMC						

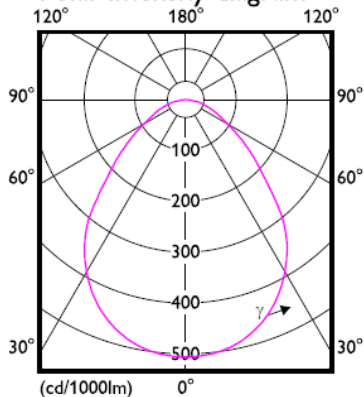
* Lumen output may be lower @3000K

PHILIPS

DN020B G3

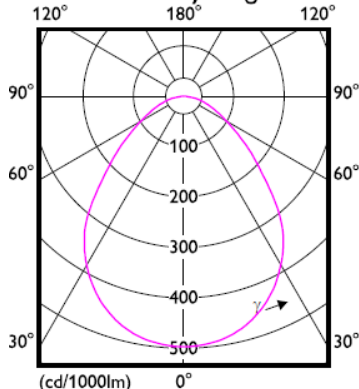
Photometric files

Polar intensity diagram



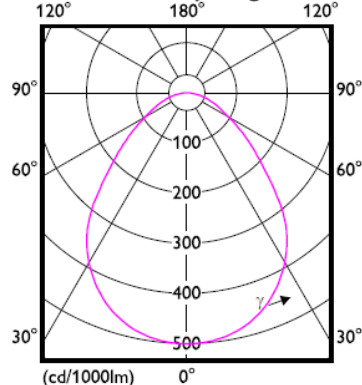
D80 3.5W

Polar intensity diagram



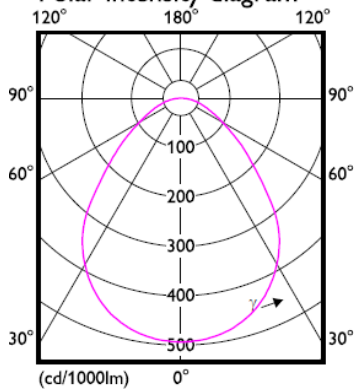
D90 4.5W

Polar intensity diagram



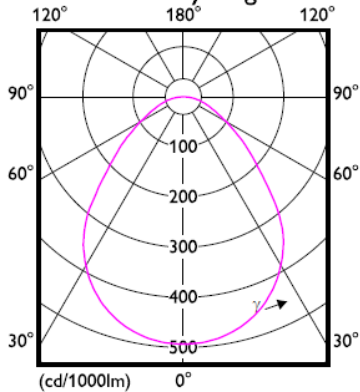
D100 7W

Polar intensity diagram



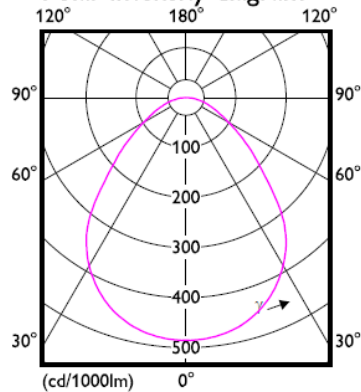
D125 7W

Polar intensity diagram



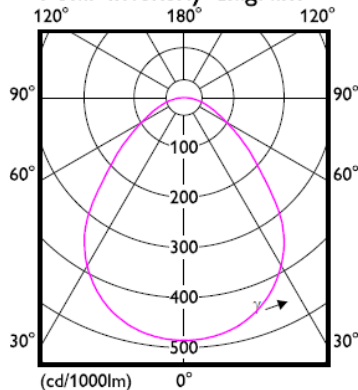
D125 10.5W

Polar intensity diagram



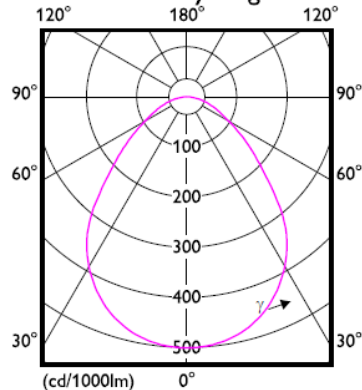
D150 10.5W

Polar intensity diagram



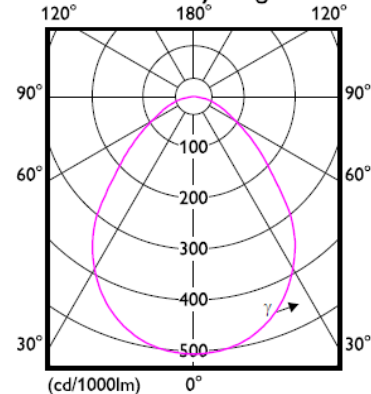
D150 14W

Polar intensity diagram



D175 18W

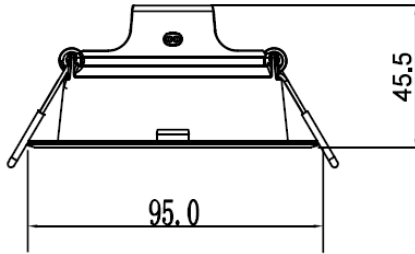
Polar intensity diagram



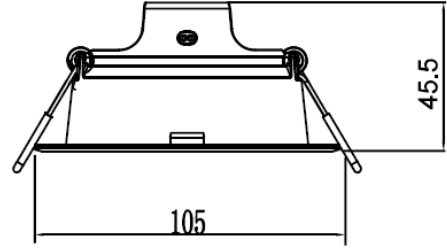
D200 23W

DN020B G3

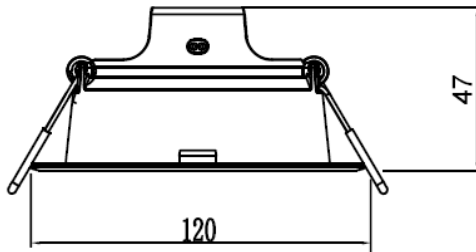
Dimension drawings



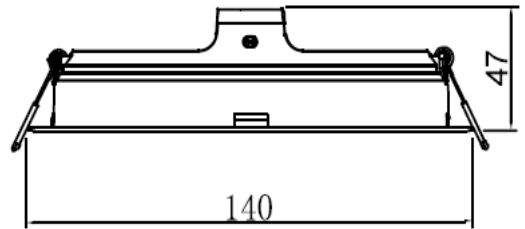
D80



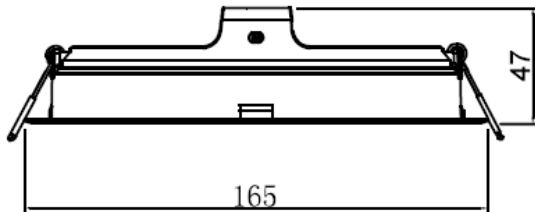
D90



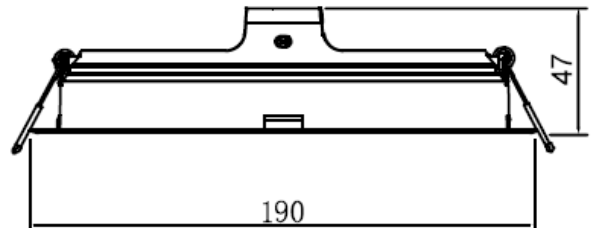
D105



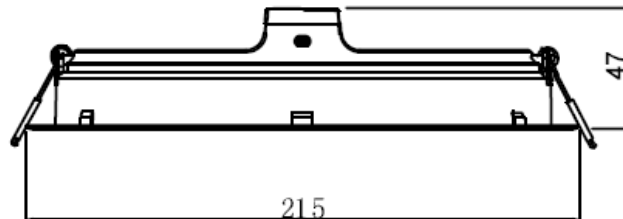
D125



D150



D175



D200