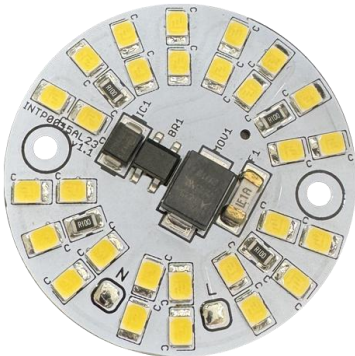


PRODUCT DATASHEET

Product Code: INTD0045AL23
DOWNLIGHT LED Spot 5W 120 °



SAMSUNG
LED CHIP INSIDE

Areas of Application

- Offices
- Home Appliances
- Retail
- Shops, Boutiques
- Hotel Rooms
- Corridors
- Lobbies

Product Benefits

- Energy saving up to 95%
- Easy installation
- No IR and UV radiation
- Mercury free
- High luminous efficacy
- 3 years guarantee

Product features

- Working voltage 230V
 - Beam angle: 120°
 - Easy installation
-

TECHNICAL DATA

Electrical Data

Nominal power consumption	5 W+/-0,5W
Rated power consumption	5 W+/-0,5W
Working Voltage	230V
Lamp equivalent	50 W
Rated efficacy	165 lm/W to 5700 K 145lm/W to 4000K 135lm/W to 3000K
Operating frequency	60 Hz
Power factor	>0,90

Photometrical Data

Nominal luminous flux	825 to 5700K 725lm to 4000K 675lm to 3000K
Rated luminous flux	825 to 5700K 725lm to 4000K 675lm to 3000K
Colour Temperature	3000 K / 4000 K / 6000K
Light Colour (designation)	Warm White / Neutral White / Cool White
Colour rendering index Ra	>90
Beam angle	120 °
Standard deviation of colour matching	< 3 sdcn
Starting Time	0.5s (max)
Lumen degradation after 12.000 hrs	0%
Lumen degradation after 16.000 hrs	0%
Lumen degradation after 20.000 hrs	0%
Number of LEDs	28

Dimensions

External Diameter	45 mm
Height	5 mm

Material & Colours

PCB Colour	White
Body material	Aluminium
Mercury content	0.0 mg

Application & Mounting

Ambient temperature range	-20...+45 °C
Type of connection	Cables , 2-Pole (L,N)

Lifespan

Lifespan of LED PCB at 25°C	50.000 hrs
Rated lamp survival factor after 12.000 hrs	0.99
Rated lamp survival factor after 16.000 hrs	0.99
Rated lamp survival factor after 20.000 hrs	0.99
