



LED downlight design made simple

CertaFlux DL-S 1000 lm and 2000 lm

PHILIPS

A cost-effective, integrated LED downlight module with good quality of light that's easy to design in

Now you can convert any downlight to LED. The Philips CertaFlux DL-S module makes design in and development fast and efficient thanks to the innovative design with integrated heat sink and reflector. What's more, the breakthrough system cost gives it a clear competitive advantage compared to conventional down lighting solutions.

The CertaFlux DL-S module is suitable for a wide range of indoor applications including

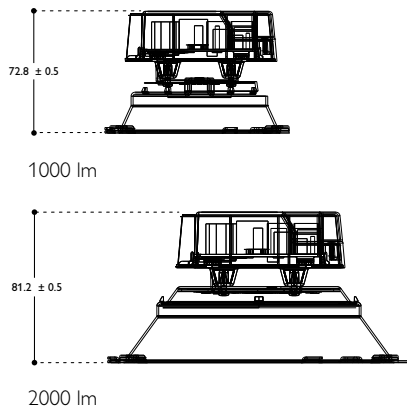
hotel lobbies, schools, meeting rooms, restaurants and cafes. You can design new downlights with good light quality or upgrade an existing design to LED creating more sales opportunities.

Product benefits

- Easy to design in with Integrated heat sink and reflector
- Dimensions fit standard ceiling holes from 4" up to 10" using reflector extensions
- Good quality light and performance
- 30000 hours lifetime @ Tc 70 °C (1000 lm), Tc 75 °C (2000 lm)
- Breakthrough system cost

Product features

- Integrated driver (direct connection to the mains) and optics
- Integrated heat sink
- Lumen range 1000 lm and 2000 lm
- Available in 3000 K and 4000 K
- Good quality of light with good colour rendering (CRI 80)
- CLASS I



Lumen output CCT	1000 lm 3000 K	1000 lm 4000 K	2000 lm 3000 K	2000 lm 4000 K
Philips 12NC Code	9290 008 80006	9290 008 80106	9290 008 80206	9290 008 80306
CRI	80	80	80	80
Input Voltage (VAC)	220 - 240	220 - 240	220 - 240	220 - 240
Frequency	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz
Wattage (@230V AC 50 Hz)	13	13	26	25
Beam Angle, FWHM	App. 98	App. 98	App. 98	App. 98
Lifetime (B50L70)	30 k hours	30 k hours	30 k hours	30 k hours
Heatsink diam. size	4"	4"	6"	6"
Optimum Ambient Temp	25 °C	25 °C	25 °C	25 °C
Ambient Temp, up to	40 °C	40 °C	40 °C	40 °C
Tcase	70 °C	70 °C	75 °C	75 °C
Class Type	Class I	Class I	Class I	Class I

For more information please visit www.philips.com/technology



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