

DL 220 LED

THE ENERGY-EFFICIENT SOLUTION FOR THE FUTURE



YOUR ADVANTAGES

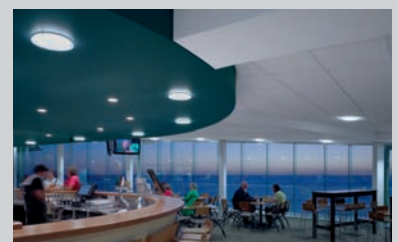
- ✓ Up to 30% energy saving
- ✓ High luminous efficacy up to 81 lm/W
- ✓ Radial louvre: according to EN 12464-1
- ✓ Intelligent thermal management
- ✓ Longevity designed up to 50,000 hr
- ✓ Beam angle 2 x 50°
- ✓ Made in Germany
- ✓ Compatible with all SPITTLER modular glass accessories
- ✓ Ceiling cut-outs equivalent to corresponding SPITTLER compact fluorescent downlights

Future-proof: modular design allows simple retrofit of electrical and optical components without tools

Advantages when refurbishing: by designing the LED downlights to have the identical ceiling cut-outs as the existing compact fluorescent fittings you can simply retrofit without re-working the ceiling aperture.

Changing over is simple, without the need for tools, and flexibility is provided in the ability to use the existing SPITTLER glass accessories. It is also possible to mix SPITTLER downlights for CFL with LED downlights without any visual changes for the familiar light perception.

The choice is up to you which areas are to be upgraded to use sustainable lighting.



Typical application area:
general lighting

LAMP SOURCE COMPARISON



TC-D 2 x 18 W

Luminous flux: **2400 lm**
Efficacy: **67 lm/W**
Average design lifetime: **10.000 h***

*depending on lamp brand and ballast



**High-power
LED 26 W**

Luminous flux: **2100 lm**
Efficacy: **81 lm/W**
Lifetime: **50.000 h***

*70% luminous flux

DL 220 LED

Round modular recessed downlight with high-power LED in SMD technology. Die-cast ceiling trim, white powder-coated, adjustable without tools. Fixing of the bezel via bayonet lock. Housing made of galvanized sheet steel. Ceiling installation via quick-release springs without any tools. Suitable for ceiling plate thickness from 1 - 25 mm. C/w remote converter. LED element exchangeable. Intelligent thermal management. Reflector made of high-polished metalised pure aluminium for maximum efficiency and colour-neutral light reflection. Options for fittings with an inset translucent PMMA lens providing high light transmission, or a frosted diffuser offering a good light uniformity. A radial louvre is available to provide glare control (according to EN12464-1). A later supplies of the luminaire with decor glasses is possible without using tools.



Installation without tools



Quick installation



Dimmable versions



High-power LED technology

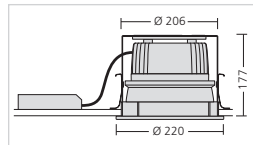


Translucent lens

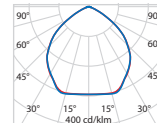
Version	Converter 350 mA	Converter 1-10V	Converter DALI	Luminous flux	
LED 26 W, 3000 K	220.552.13.33	220.552.13.43	220.552.13.63	1900 lm	2,1 kg
LED 26 W, 4000 K	220.552.13.34	220.552.13.44	220.552.13.64	2100 lm	2,1 kg

Frosted diffuser

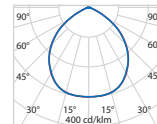
Version	Converter 350 mA	Converter 1-10V	Converter DALI	Luminous flux	Weight
LED 26 W, 3000 K	220.592.13.33	220.592.13.43	220.592.13.63	1900 lm	2,1 kg
LED 26 W, 4000 K	220.592.13.34	220.592.13.44	220.592.13.64	2100 lm	2,1 kg



Dimensions
 Diameter \varnothing 220 mm
 Ceiling cut-out \varnothing 206 mm
 Recessed height 177 mm



LED 26 W (3000K) with translucent lens
 Half-value angle $2 \times 49^\circ$
 Shielding angle 21°
 Luminance for $\gamma = 65^\circ$ 6800 cd/m²
 Light output ratio 76%

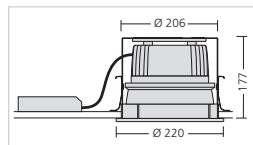


LED 26 W (3000K) with frosted diffuser
 Half-value angle $2 \times 50^\circ$
 Shielding angle 19°
 Luminance for $\gamma = 65^\circ$ 4500 cd/m²
 Light output ratio 74%

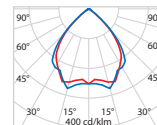


Radial louvre

Version	Converter 350 mA	Converter 1-10V	Converter DALI	Luminous flux	Weight
LED 26 W, 3000 K	220.582.13.33	220.582.13.43	220.582.13.63	1900 lm	2,16 kg
LED 26 W, 4000 K	220.582.13.34	220.582.13.44	220.582.13.64	2100 lm	2,16 kg



Dimensions
 Diameter \varnothing 220 mm
 Ceiling cut-out \varnothing 206 mm
 Recessed height 177 mm



LED 26 W, 3000K (warmweiß)
 Half-value angle $2 \times 42^\circ$
 Shielding angle 35°
 Luminance for $\gamma = 65^\circ$ 320 cd/m²
 Light output ratio 47%

Attachments (Please order separately!)

Panel sheet module 100	220.0320
Mineral fibre reinforcing plate	220.1320
Adjusting ring	220.2010
Concrete casting drum	220.2035

Decore attachment (Please order separately!)

Clear safety glass pane, IP 54	220.900
Clear acrylic pane, IP 54	220.912
Clear acrylic pane, strike- and vandalism protected, IP 54	220.911
Suspended, frosted glass ring	220.904
Suspended, blue glass ring	220.909