

# NewNight® LED Compact Spotlight

## Object and facade lighting

The NewNight® LED compact spotlight from BRAUN combines powerful technology with minimalist design and is the perfect solution for sophisticated lighting concepts in indoor and outdoor areas. Downward-facing light distribution provides functional lighting for illuminating sales areas or shelves in shops, supermarkets or shopping centres. Other areas of application include lighting for underpasses, bus and tram stops, entrance and stairway areas at and in railway stations, and bridges.

- Ready-to-connect, easy-to-install and insect-friendly LED module
- Highest efficiency of all system components
- UV-resistant high-performance lens system made of PMMA
- Optical cover: UV and weather resistant
- Optional: ThermoProtect for protection against excessive temperatures
- Vibration-resistant
- Mounting interface on the luminaire body 2x M8
- Prepared for through-wiring



NewNight® LED Compact Spotlight	Eco D4i
Power Consumption	30 watts
Light Colours	1800 K   2200 K   2700 K   3000 K   4000 K
LED luminous flux <sup>1</sup> (at 700mA)	2412 lm   3032 lm   3349 lm   3477 lm   3657 lm
LED room	IP68
LED driver	IP67   ENEC   CE
Colour rendering index	CRI 80 (RA 70 <sup>2</sup> )
Light distribution	symmetrical or asymmetrical
Permissible operating voltage	100-240V AC, 50/60 Hz
Permissible operating temperature	-30°C up to 60°C
Protection class luminaire	IP67
Protection class	I (optional II)
Surge protection	up to 6 kV
Material	aluminium
Dimensions	L 330 mm / Ø 150 mm
Weight	approx. 4,2 kg
Service life L80 B10	60.000 h

Please note the maximum current for the LS12 (G2) PIN module: 0.7A (700mA)

<sup>1</sup>Luminous flux specification when using the ME601 lens system

<sup>2</sup>Light colour 1800 K corresponds to RA70

BRAUN Lighting Solutions e. K. is part of the export initiative "Energy Efficiency - Made in Germany" initiated by the Federal Ministry of Economics and Technology. Due to the complex combination possibilities of different power supplies and LED modules, the typical values specified for the technical LED parameters and performance parameters are purely statistical values that do not necessarily correspond to the actual technical parameters of each individual product, which may deviate from the typical value. The information and illustrations contained in this document do not form part of an offer or contract. Product parameters are subject to change due to technical innovations and will be made without separate notification. Manufactured in accordance with DIN EN, VDE regulations, CE.

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### MOUNTING OPTIONS

Further mounting options available on request.



#### Cross joint

Clamping range = rectangular tube or  
U-profile 80 x 40 mm

#### Swivel ceiling mount

Swivel bracket can be locked at:  
0°, 10°, 20°, 30° and 45°  
Cable diameter = 6 - 10 mm  
Mounting diameter = 2x 9 mm  
Hole spacing = 100 mm

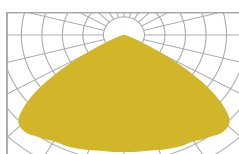
#### Non-swivel ceiling mounting

Flange diameter = 150 mm  
Bolt circle diameter = 100 mm  
90° pitch: 4x 5.5 mm

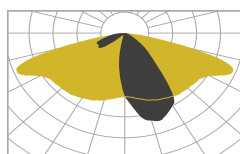
### LIGHT DISTRIBUTION CURVES



LS12 ME 600



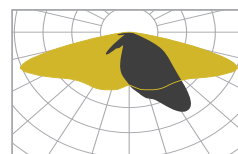
LS12 ME 601



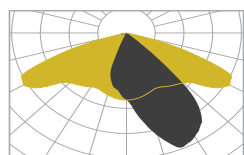
LS12 ME 610



LS12 ME 611



LS12 ME 612



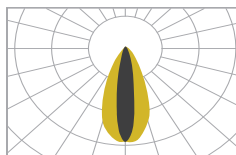
LS12 ME 618



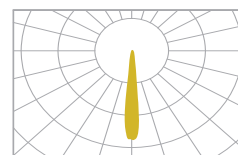
LS12 ME 624



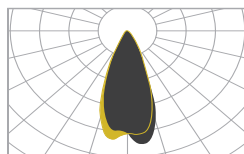
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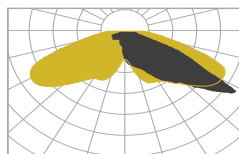
LS12 ME 626



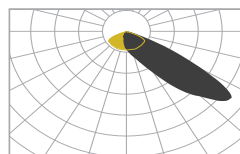
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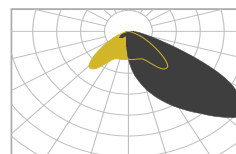
LS12 ME 628



LS12 ME 630



LS12 ME 640



LS12 ME 641

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 **BRAUN**<sup>®</sup>  
LIGHTING SOLUTIONS