AUSTRIA

LED & Co
helle Köpfe GmbH

LED & CO Datasheet

LED Retrofit Kit / Insert

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LED Retrofit Kit / Insert for
LED-Lights

LED-Insert

Heat sink made of high quality recyclable aluminium and cast aluminium. Size and shape depending on type of installation and wattage.

Modular design, consisting of a tiltable, replaceable LED module with wide-beaming patented nano-optics. To be mounted in the decorative lamp housings of LED & CO, as well as in most stock lights.

The luminaires / inserts are measured according to EN 65598 and EN 61347.

Comes with standard neutral white light (4,300 K), - other light colours on request - and a colour rendering index of Ra > 75

Optional CLO "Constant Light Output", a programmable night setback, depending on the actual situation on site.
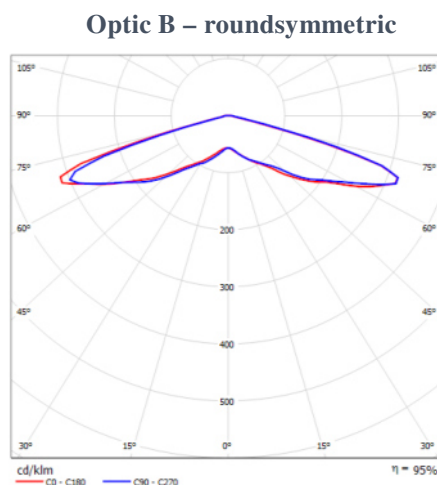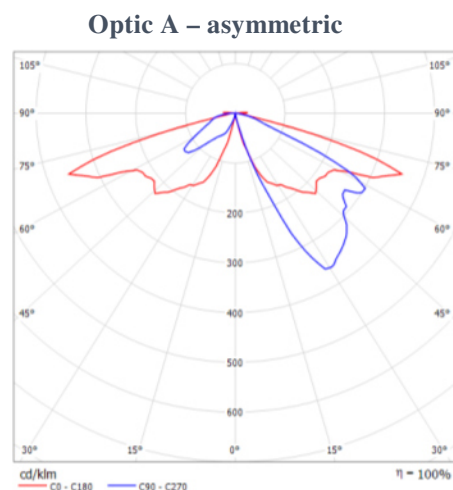
Illustration of possible variants:

LED & Co
helle Köpfe GmbH
A-8264 Hainersdorf 80

www.ledundco.at

Details:

- ✓ Protection class: II oder I

- ✓ Operating voltage: 160-270 Volt

- ✓ Cos φ: ≥ 0.96 full load value,
  ≥ 0.92 at lowering

- ✓ Start-up peaks 70A for 120 µs

- ✓ Ripple current 30% at 50% lowering

- ✓ Autom. temperature monitoring

- ✓ Protection category: IP 64

- ✓ Cable feedthrough IP 68

- ✓ Lifespan of LED-module: ≥ 60.000 hours

- ✓ Montage: Mast entry: Ø 60mm

- ✓ Percentage of light in lower half-space: 100,0%

- ✓ CE, TüV

	Insert 12	Insert 16	Insert 20	Insert 24	Insert 32
Power Input:	max. 15W	max. 21W	max. 26W	max. 31W	max. 41W
Light Output:	1.540 lm	1.982 lm	2.648 lm	3.180 lm	4.211 lm
Number of LEDs:	6	8	10	12	16

Optional:

- ➢ Dimming switch: 1-10V

- ➢ Night setback

- ➢ Warm white 3.500 Kelvin
  Cold white 6.000 Kelvin

- ➢ Overvoltage protection: 10kV/ 4kV standard

- ➢ Central lock and cap

- ➢ RAL - colour of choice

Light distribution:

Optic A – asymmetric

cd/klm   η = 100%
C0 - C180   C90 - C270

Optic B – roundsymmetric

cd/klm   η = 95%
C0 - C180   C90 - C270