

## LED MODULES FOR MAINS VOLTAGE

DRIVER-ON-BOARD  
TECHNOLOGY



### LEDSPOT READYLINE MR16

**Complete LEDSpot equipped with optics,  
heat sink and leads**

With so-called Driver-on-Board technology (DoB), the control gear unit is directly integrated into the LED module, which permits direct connection to mains voltage (220-240 V, 50-60 Hz).

#### **Advantages at a glance**

- Direct connection to mains voltage
- More flexible space-saving luminaire designs due to absence of driver
- Direct replacement for conventional lamps in existing MR16 luminaires
- High power factor: > 0.9
- Long service life: up to 50,000 hours

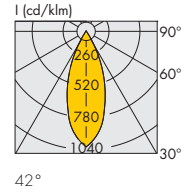
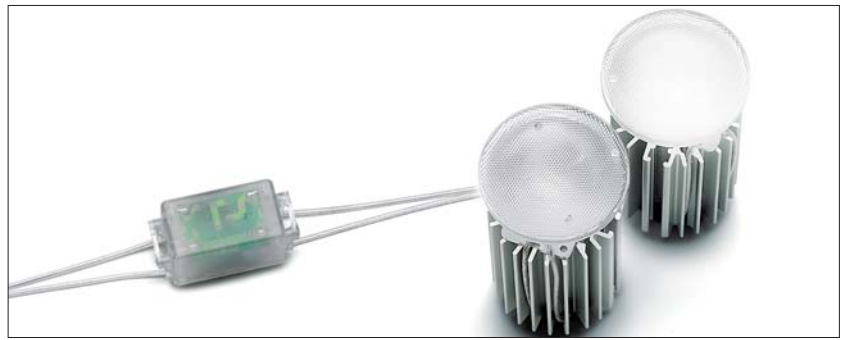


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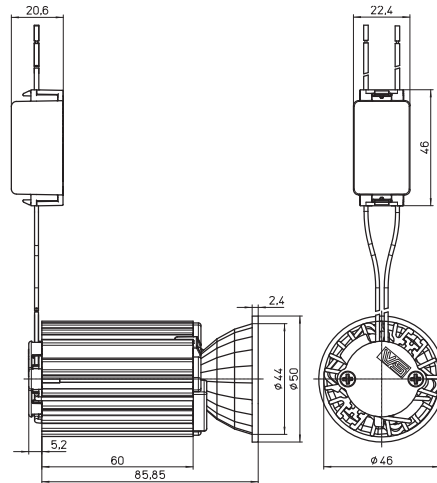
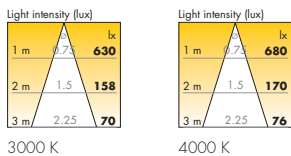
### Technical notes

Mains voltage: 220-240 V, 50/60 Hz  
 Power factor: > 0.95  
 Lens diameter: 50 mm  
 Beam angle: 42°  
 Heat sink material: aluminium  
 Leads: Cu tinned, stranded conductors 0.5 mm<sup>2</sup>,  
 double FEP/FEP-insulation, length: 300 mm  
 MOV - metal-oxide varistor, enclosed unassembled  
 Protection class II  
 RFI suppressed  
 Packaging unit: 30 pcs.



### Luminous intensity distribution

**Beam angle: 42°**



Max. output W	Type	Ref. No.	Voltage AC 50/60 Hz V	Number of LEDs pcs.	Colour	Correlated colour temperature K	Luminous flux lm		Light intensity Candela	Beam angle °	CRI R <sub>a</sub>	Energy efficiency
							min.	typ.				
8.7	LR8W	<b>554960</b>	220-240	8	warm white	2900...3200	515	600	636	42	> 80	A+
	LR8W	<b>554961</b>			neutral white	3700...4200	580	670	680			A+

The values contained in this data sheet can change due to technical innovations. Any such changes will be made without separate notification.