

# BENEN

## Thermally protected driver

reacts to overheating first by regulating its output and if the overheating lasts, it turns off automatically, so that there is no damage caused to the driver.

## Color stability

is provided by a quality chip with **3 SDCM**, which is a guarantee of the same colour over the entire service lifetime.

## Quick and effortless installation

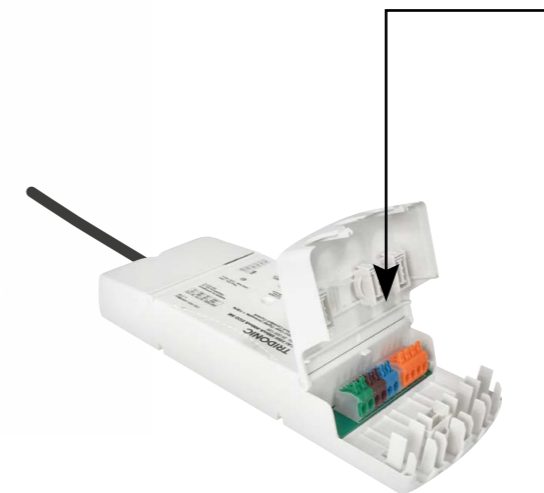
is ensured by push-in connectors and integrated strain-relief, which is placed in the closing cover of the driver.

## IP 54 cover (On request)

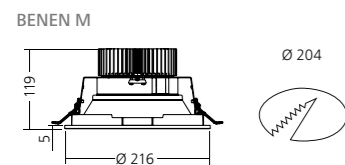
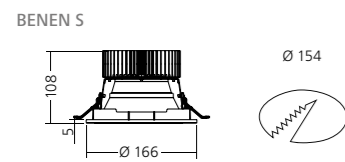
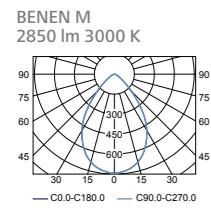
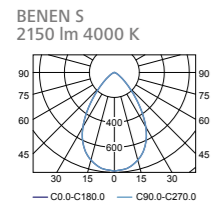
protects the LED and optical system against unnecessary damage caused by dust or contact with the outside environment.

## Emergency lighting (On request)

is an in-built safety feature which provides for light supply for **3 hours** in the case of electricity shortage.



RETAIL, OFFICE



- 5 years warranty
- LED
- up to 3000 lm
- up to 120 lm/W
- 80 Ra

Mounting	Ceiling recessed
Optical system	Matt reflector + diffuser
Light distribution	Direct
Driver	Electronic control gear - FIX - DALI (dimnable 1-100% / Touch DIM)
Materials	Housing: sheet steel Reflector: matt AL Diffuser: microprismatic PMMA Trim: die cast AL On request: Cover (IP54 optical part): transparent PC
Surface finish	Trim: white (RAL9003), other colours on request
Weight	0.8 kg (S), 1.0 kg (M)
Accessories	On request: Recessed concrete ceiling box
Service lifetime	50 000 hours / L90 B10 @ 35 °C (S) 50 000 hours / L85 B10 @ 35 °C (M)
Ambient temperature	- 25 °C / + 35 °C
EEC	A++ / A+ / A

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BENEN prides itself mainly on excellent adaptability to the client's needs. Due to extensive research into luminaire design and construction properties, BENEN reaches high lighting efficacy and provides comfortable lighting atmosphere in any retail application.

Type	mounting type	modul	net lumen output (at Ta = 25 °C)		power consumption (W)	color rendering index CRI (Ra)	correlated color temperature CCT (K)	optic	control	color
			IP 40 (lm)	IP 54 (lm)						
<b>BENEN S</b>	RE	LG	1250	1200	11	80	3000	MR 71°	FIX / DALI	WHITE
<b>BENEN S</b>	RE	LG	1300	1250	11	80	4000	MR 71°	FIX / DALI	WHITE
<b>BENEN S</b>	RE	LG	2050	1950	18	80	3000	MR 71°	FIX / DALI	WHITE
<b>BENEN S</b>	RE	LG	2150	2050	18	80	4000	MR 71°	FIX / DALI	WHITE
<b>BENEN M</b>	RE	LG	2100	1950	19	80	3000	MR 70°	FIX / DALI	WHITE
<b>BENEN M</b>	RE	LG	2200	2050	19	80	4000	MR 70°	FIX / DALI	WHITE
<b>BENEN M</b>	RE	LG	2850	2750	25	80	3000	MR 70°	FIX / DALI	WHITE
<b>BENEN M</b>	RE	LG	3000	2900	25	80	4000	MR 70°	FIX / DALI	WHITE

Luminous flux tolerance +/- 10%. The Company reserves the right to change any product specifications without prior notification.

STANDARD

- 220-240V 50-60Hz
- LED
- ECG
- ECG DALI
- ECG touch DIM
- IP 20
- OPTICAL IP 40

ON REQUEST

- OPTICAL IP 54
- EMERGENCY

order description: BENEN M RE LG 3000 840 MR70 DA WH