

## LEAF

### Indoor LED spotlights



#### Areas of application

- Display lighting
- Commercial buildings
- Retail outlets
- Shopping malls
- Lobbies and corridors
- Households
- For indoor use only

#### Product family benefits

- Die-casting housing
- Easy fit in different architectural structures
- More than 50 % energy savings compared to traditional multi-head spot light
- Good glare control thanks to concave stepping cover design

#### Product family features

- Beam angle: 15°, 24° and 40°
- 30° vertical adjustable, 180° horizontal adjustable
- Flexible product options: 1 head arrangement
- Individual driver for each module
- Easy installation thanks to rimless design



## Product family datasheet

### Technical data

Product description	Product information	Electrical data			
	Order reference	Operating mode	Connected load	Nominal wattage	Lamp wattage
LED COMFO Multi-head 1X9 W 830 15°	LDCMF MULTI-HEA	ECG	9 W	9 W	9 W
LED COMFO Multi-head 1X9 W 840 15°	LDCMF MULTI-HEA	ECG	9 W	9 W	9 W
LED COMFO Multi-head 1X9 W 857 15°	LDCMF MULTI-HEA	ECG	9 W	9 W	9 W
LED COMFO Multi-head 1X9 W 830 24°	LDCMF MULTI-HEA	ECG	9 W	9 W	9 W
LED COMFO Multi-head 1X9 W 840 24°	LDCMF MULTI-HEA	ECG	9 W	9 W	9 W
LED COMFO Multi-head 1X9 W 857 24°	LDCMF MULTI-HEA	ECG	9 W	9 W	9 W
LED COMFO Multi-head 1X9 W 830 40°	LDCMF MULTI-HEA	ECG	9 W	9 W	9 W
LED COMFO Multi-head 1X9 W 840 40°	LDCMF MULTI-HEA	ECG	9 W	9 W	9 W
LED COMFO Multi-head 1X9 W 857 40°	LDCMF MULTI-HEA	ECG	9 W	9 W	9 W

Product description	Nominal voltage	Supply voltage	Mains frequency	Photometrical data	
				Color temperature	Color temperature [AGMP]
LED COMFO Multi-head 1X9 W 830 15°	220...240 V	220...240 V	50/60 Hz	3000 K	3000 K
LED COMFO Multi-head 1X9 W 840 15°	220...240 V	220...240 V	50/60 Hz	4000 K	4000 K
LED COMFO Multi-head 1X9 W 857 15°	220...240 V	220...240 V	50/60 Hz	5700 K	5700 K
LED COMFO Multi-head 1X9 W 830 24°	220...240 V	220...240 V	50/60 Hz	3000 K	3000 K
LED COMFO Multi-head 1X9 W 840 24°	220...240 V	220...240 V	50/60 Hz	4000 K	4000 K
LED COMFO Multi-head 1X9 W 857 24°	220...240 V	220...240 V	50/60 Hz	5700 K	5700 K
LED COMFO Multi-head 1X9 W 830 40°	220...240 V	220...240 V	50/60 Hz	3000 K	3000 K
LED COMFO Multi-head 1X9 W 840 40°	220...240 V	220...240 V	50/60 Hz	4000 K	4000 K
LED COMFO Multi-head 1X9 W 857 40°	220...240 V	220...240 V	50/60 Hz	5700 K	5700 K

## Product family datasheet

Product description	Luminous flux	Color rendering index Ra	Color rendering index Ra [AGMP]	Light technical data	
				Beam angle	Light distribution
LED COMFO Multi-head 1X9 W 830 15°	631 lm	>80	>80	15 °	symmetric
LED COMFO Multi-head 1X9 W 840 15°	675 lm	>80	>80	15 °	symmetric
LED COMFO Multi-head 1X9 W 857 15°	719 lm	>80	>80	15 °	symmetric
LED COMFO Multi-head 1X9 W 830 24°	631 lm	>80	>80	24 °	symmetric
LED COMFO Multi-head 1X9 W 840 24°	675 lm	>80	>80	24 °	symmetric
LED COMFO Multi-head 1X9 W 857 24°	719 lm	>80	>80	24 °	symmetric
LED COMFO Multi-head 1X9 W 830 40°	631 lm	>80	>80	40 °	symmetric
LED COMFO Multi-head 1X9 W 840 40°	675 lm	>80	>80	40 °	symmetric
LED COMFO Multi-head 1X9 W 857 40°	719 lm	>80	>80	40 °	symmetric

Product description	Dimensions & weight			Colors & materials		
	Length	Width	Height	Body material	Product color	Cover material
LED COMFO Multi-head 1X9 W 830 15°	113.0 mm	113.0 mm	82.0 mm	aluminium	black	PC
LED COMFO Multi-head 1X9 W 840 15°	113.0 mm	113.0 mm	82.0 mm	aluminium	black	PC
LED COMFO Multi-head 1X9 W 857 15°	113.0 mm	113.0 mm	82.0 mm	aluminium	black	PC
LED COMFO Multi-head 1X9 W 830 24°	113.0 mm	113.0 mm	82.0 mm	aluminium	black	PC
LED COMFO Multi-head 1X9 W 840 24°	113.0 mm	113.0 mm	82.0 mm	aluminium	black	PC
LED COMFO Multi-head 1X9 W 857 24°	113.0 mm	113.0 mm	82.0 mm	aluminium	black	PC
LED COMFO Multi-head 1X9 W 830 40°	113.0 mm	113.0 mm	82.0 mm	aluminium	black	PC
LED COMFO Multi-head 1X9 W 840 40°	113.0 mm	113.0 mm	82.0 mm	aluminium	black	PC
LED COMFO Multi-head 1X9 W 857 40°	113.0 mm	113.0 mm	82.0 mm	aluminium	black	PC

## Product family datasheet

	Temperatures & operating conditions	Additional product data	Capabilities	Certificates & standards
Product description	Ambient temperature range	Number of lighting outlets	Type of installation	Protection class
LEDCOMFO Multi-head 1X9 W 830 15°	-20...+40 °C	1	recessed	insulation class II (safety insulation)
LEDCOMFO Multi-head 1X9 W 840 15°	-20...+40 °C	1	recessed	insulation class II (safety insulation)
LEDCOMFO Multi-head 1X9 W 857 15°	-20...+40 °C	1	recessed	insulation class II (safety insulation)
LEDCOMFO Multi-head 1X9 W 830 24°	-20...+40 °C	1	recessed	insulation class II (safety insulation)
LEDCOMFO Multi-head 1X9 W 840 24°	-20...+40 °C	1	recessed	insulation class II (safety insulation)
LEDCOMFO Multi-head 1X9 W 857 24°	-20...+40 °C	1	recessed	insulation class II (safety insulation)
LEDCOMFO Multi-head 1X9 W 830 40°	-20...+40 °C	1	recessed	insulation class II (safety insulation)
LEDCOMFO Multi-head 1X9 W 840 40°	-20...+40 °C	1	recessed	insulation class II (safety insulation)
LEDCOMFO Multi-head 1X9 W 857 40°	-20...+40 °C	1	recessed	insulation class II (safety insulation)

Product description	Type of protection
LEDCOMFO Multi-head 1X9 W 830 15°	IP20
LEDCOMFO Multi-head 1X9 W 840 15°	IP20
LEDCOMFO Multi-head 1X9 W 857 15°	IP20
LEDCOMFO Multi-head 1X9 W 830 24°	IP20
LEDCOMFO Multi-head 1X9 W 840 24°	IP20
LEDCOMFO Multi-head 1X9 W 857 24°	IP20
LEDCOMFO Multi-head 1X9 W 830 40°	IP20
LEDCOMFO Multi-head 1X9 W 840 40°	IP20
LEDCOMFO Multi-head 1X9 W 857 40°	IP20

## Product family datasheet

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### Application advice

For more detailed application information and graphics please see product datasheet.

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### Disclaimer

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.