

LED-Indicators



LED-INDICATORS – red section

We offer a complete range of high-quality bracket indicators. Diodes are carefully selected for constant colour and brightness, housings are solid brass and chromium-plated.

LED-Indicators

Ø 7 mm



Ø 7 mm



Ø 10.5 mm



Ø 9 mm
superbright



Ø 12.2 mm
waterproof



Ø 9 mm
tricoloured



Ø 9 mm
flashing



Ø 12.2 mm
waterproof



with lead and
connector



Specifications:

Models	P Power dissipation (mW)	V _F Forward voltage (V) ¹	I _F Forward current (mA)	I _V Luminous intensity (mcd) at I _F = 10 mA	λ _P Peak emission wavelength (nm) ¹	V _R Reverse voltage (V)	I _R Reverse current (μA) at V _R = 3 V	T _{OP} Operating temperature (°C)
LD 30 LD 32	85	min. 2.1 typ. 3.0 max.	20 25	1.8	700	5.0	100	- 40 + 85
LD 34		min. 2.0 typ. 2.2 max.	20 40	20 ⁴	630			- 30 + 70
LD 36 LDE 36 ³	100	min. 1.7 typ. 2.0 max.	20 50	20 30	660	4.0	100	- 30 + 85
LD 40 LD 42		min. 2.1 typ. 3.0 max.	20 25	3.2	555			- 40 + 85
LD 44	110	min. 2.0 typ. 2.1 max.	25 45	8 ⁴	565	4.0	10	- 30 + 70
LD 46		min. 2.1 typ. 2.5 max.	20 50	8 12	555			- 30 + 85
LD 60 LD 62	85	min. 2.1 typ. 3.0 max.	20 25	2.7	600	5.0	100	- 40 + 85
LD 64		min. 2.1 typ. 2.2 max.	35 50	10 ⁴	585			- 30 + 70
LD 66 LDE 66 ³	125	min. 2.2 typ. 2.5 max.	20 50	16 24	580	4.0	100	- 30 + 85
LD 56 red		min. 2.1 typ. 3.0 max.	10 20	2.2	700			- 40 + 85
LD 56 green	60	min. 2.1 typ. 3.0 max.	10 25	3.9	555	5.0	100	- 40 + 85
LD 56 yellow		Combination red / green						
¹ with typical forward current ² at V _S = 5 V								
³ Water proofing at 30 minutes at 1 m water column = IP 67. ⁴ at I _F = 20 mA								

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Models:

	Light colour	Housing	Dimensions
LD 30	red	brass chromium-plated	
LD 40	green		
LD 60	yellow		
LD 30 S	red	brass black, matt finish	
LD 40 S	green		
LD 60 S	yellow		

Also available with integrated resistor for 24 V operation.
Additional to type number: – 24

LD 32	red	brass chromium-plated	
LD 42	green		
LD 62	yellow		
LD 32 S	red	brass black, matt finish	
LD 42 S	green		
LD 62 S	yellow		

Also available with integrated resistor for 24 V operation.
Additional to type number: – 24

LD 34	red	brass chromium-plated	
LD 44	green		
LD 64	yellow		
LD 34 S	red	brass black, matt finish	
LD 44 S	green		
LD 64 S	yellow		

LD 36	red	brass chromium-plated	superbright	
LD 46	green			
LD 66	yellow			
LD 36 S	red	brass black, matt finish	superbright	
LD 46 S	green			
LD 66 S	yellow			

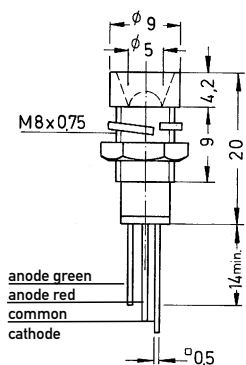
Also available with integrated resistor for 24 V operation.
Additional to type number: – 24



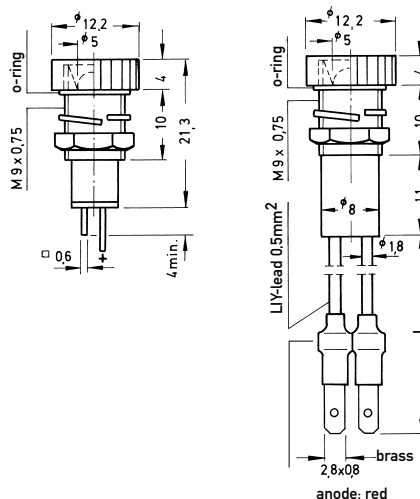
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Models:

	Light colour	Housing	Dimensions
LD 56	red/green/yellow	brass chromium-plated	tricoloured
LD 56 S	red/green/yellow	brass black, matt finish	tricoloured



LDE 36	red	brass	waterproof
LDE 66	yellow	chromium-plated	waterproof
LDE 36 S	red	brass	waterproof
LDE 66 S	yellow	black, matt finish	waterproof



Special version: with lead and connector

Additional to type number: W

L = 50 mm; other length: minimum quantity and delivery time on request.

Also available with integrated resistor for 24 V operation.

Additional to type number: - 24