RL-40/24

RT, IR, WS

Characteristics

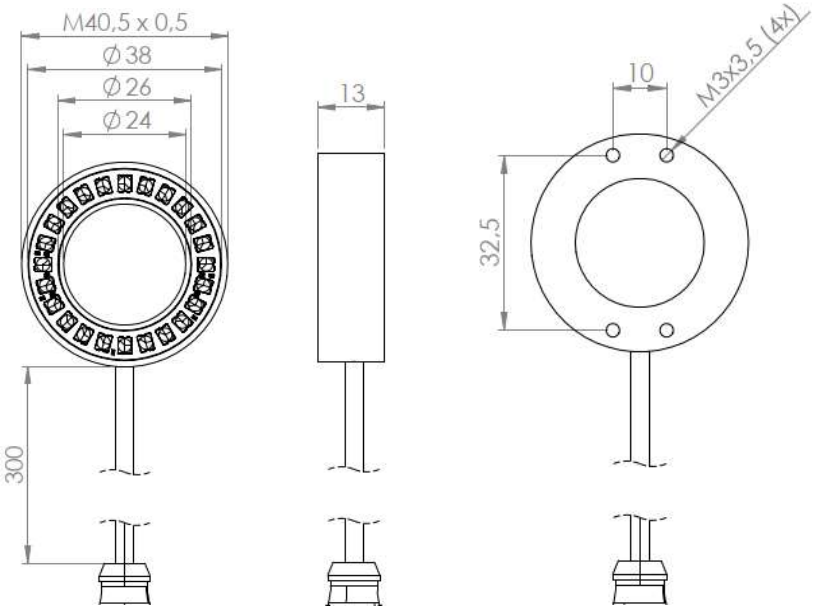
Type	LED Ring Light RL 40	
Light Field	$Ø_i$	26.0 mm
	$Ø_o$	38.0 mm
Dimension	$Ø_i$	24.0 mm
	$Ø_o$	M40.5
Colour	RD	617 nm
	IR	875 nm
	WL	5600 K
LED	24	
Operating Voltage	24 V DC	
Material	Aluminium black	
Cable	0.3 m	
Connection	M12x1 4 pol. plug	
Pin	1 +24 V DC	
	2 NORMAL/MAX	
	3 GND	
	4 ON/OFF	
Digital Input	Trigger, Min/Max	
Degree of Protection	-	
Mounting	M40.5 x 0.5	
Weight	29 g	

Properties

Directed light · Without fan, long service life · External Connection/ Adapter to M27 or M30.5

Product Picture

Dimensions [mm]



Product Variants

Name	Ring Light	Connection	Wavelength	Voltage	Current	Order Number
RL-40/24 RT	LED red	4pol. plug 300 mm	615 nm	24 V DC	0.1 / 0.2 A	10115461
RL-40/24 IR	LED ir	4pol. plug 300 mm	875 nm	24 V DC	0.1 / 0.2 A	10115462
RL-40/24 WS	LED white	4pol. plug 300 mm	5600 K	24 V DC	0.1 / 0.2 A	10115457
RL-40/24 RT Diffus	LED red, diffus	4pol. plug 300 mm	615 nm	24 V DC	0.1 / 0.2 A	10115466
RL-40/24 IR Diffus	LED ir, diffus	4pol. plug 300 mm	875 nm	24 V DC	0.1 / 0.2 A	10115467
RL-40/24 WS Diffus	LED white, diffus	4pol. plug 300 mm	5600 K	24 V DC	0.1 / 0.2 A	10115465
RL-40/24 RT IP65	LED red	4pol. plug 300 mm	615 nm	24 V DC	0.1 / 0.2 A	10115469
RL-40/24 IR IP65	LED ir	4pol. plug 300 mm	875 nm	24 V DC	0.1 / 0.2 A	10115470
RL-40/24 WS IP65	LED white	4pol. plug 300 mm	5600 K	24 V DC	0.1 / 0.2 A	10115468
RL-40/24 Diffusor						10115471

JenCam GmbH
Felsbachstrasse 9
07745 Jena
Germany

Tel +49-(0)3641-2253-0
Fax +49-(0)3641-2253-19
www.jencam.de
info@jencam.de

JENCAM

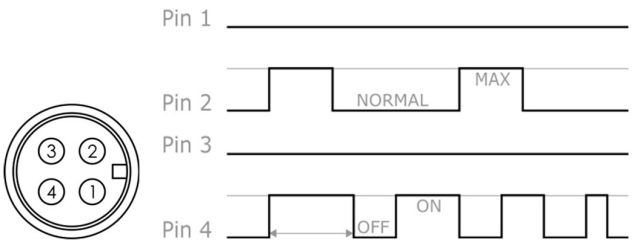
RL-40/24

RT, IR, WS

Power Specification

Type	Power Normal [W]	Power Max [W]	Current Normal [mA]	Current Max [mA]	Risk group according to DIN EN 62471:2008
R	4	2	100	200	Free Group
IR	4	2	100	200	Risk Group 1
W	4	2	100	200	Free Group

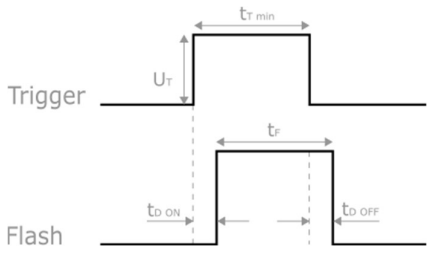
Pin Assignment



Pin 1	Brown	Power input	+24 0.5	V DC A
Pin 2	White	Max/Normal Max H-Level	+5 … 24 0 … +3	V DC V DC
Pin 3	Blue	GND Central mass	0	V
Pin 4	Black	On/Off Trigger	+5 … 24 1 0 … + 3	V DC mA V DC

Attention Cooling is necessary for MAX continuous operation

Trigger



Trigger time variable

$t_{D\,ON}$	Delay time at 5 V DC	1	µs
$t_{D\,OFF}$	Delay time at 5 V DC	1	µs
t_F	Flash time	1 - ∞	µs
$t_{T\,min}$	Minimal Trigger time	1	µs
U_T	Trigger Voltage	5 … 24	V DC

Attention

The ring lighting must be thermally attached to a heat sink for heat dissipation. The ring light switches off automatically when the housing temperature reaches 65°C. It is switched on automatically after cooling down.

Power Supply

Name	Dimension [mm]	Voltage [V DC OUT]	Current [A OUT max.]	Order Number
NT 24/30 Table power supply		24	1.25	20052020
NT 24/150	248.5 x 175 x 55	24	6.5	20052027
NT 24/150DIMM	248.5 x 175 x 90	24	6.5	20052028

JenCam GmbH
Felsbachstrasse 9
07745 Jena
Germany

Tel +49-(0)3641-2253-0
Fax +49-(0)3641-2253-19
www.jencam.de
info@jencam.de

JENCAM