

RK-EU-LNR02

Linear Lights



DESCRIPTION: A recessed medium profile LED luminaire for in-line connection

Light distribution type: direct

Optical system: opal polycarbonate diffuser / matt micro-prismatic polycarbonate diffuser, low glare

Housing: aluminium

Colour: white, RAL9003S; light grey, RAL9006S; black, RAL9005S

GENERAL DATA: Mains voltage: 220-240V, 0/50-60Hz

LED lifetime, h: 100000/L80B10, basic version: 50000/L80B10

SDCM: 3

Protection class IEC: I

Ingress protection code: IP40 (IP44 optional)

Mechanical impact resistance: IK05

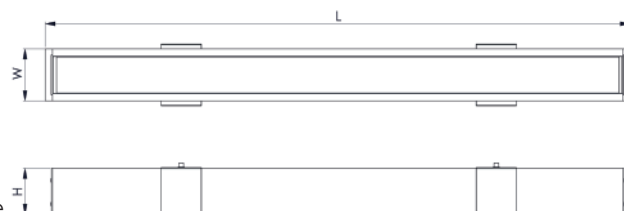
Glow wire test, °C: 850

Operating temperature range, °C: ta -15...+35

INSTALLATION: In ceilings with cut-out openings (mounting brackets included), with L/LL option is designed for in-line connection. Push-in terminal, 3x2x2.5mm²

ENVIRONMENT: Indoor

APPLICATION: Office, education, hotel, corridor, retail, public place



PRODUCT	LENGTH, mm	WIDTH, mm	HEIGHT, mm	CUT-OUT, mm	LUMINAIRE OUTPUT*, lm	SYSTEM POWER*, W	SYSTEM EFFICACY*, lm/W	CRI	CCT*, K	WEIGHT, kg
RK-EU-LNR02 1x900 K268 T840 OP LO1 SB	592	77	68	582x68	863	6,8	127	80+	4000	1,5
RK-EU-LNR02 1x1200 K269 T840 OP LO2 SB	592	77	68	582x68	1189	9,5	125	80+	4000	1,5
RK-EU-LNR02 1x1700 K270 T840 OP LO3 SB	592	77	68	582x68	1662	13,8	120	80+	4000	1,5
RK-EU-LNR02 1x2500 K271 T840 OP LO4 SB	592	77	68	582x68	2493	19,9	125	80+	4000	1,5
RK-EU-LNR02 1x1100 K272 T840 OP LO1 SB	732	77	68	722x68	1079	8,2	132	80+	4000	1,8
RK-EU-LNR02 1x1500 K273 T840 OP LO2 SB	732	77	68	722x68	1486	11,6	128	80+	4000	1,8
RK-EU-LNR02 1x2100 K274 T840 OP LO3 SB	732	77	68	722x68	2077	16,8	124	80+	4000	1,8
RK-EU-LNR02 1x3150 K275 T840 OP LO4 SB	732	77	68	722x68	3116	24,6	127	80+	4000	1,8
RK-EU-LNR02 1x1300 K276 T840 OP LO1 SB	872	77	68	862x68	1295	10,1	128	80+	4000	2,0
RK-EU-LNR02 1x1800 K277 T840 OP LO2 SB	872	77	68	862x68	1783	14,0	127	80+	4000	2,0
RK-EU-LNR02 1x2500 K278 T840 OP LO3 SB	872	77	68	862x68	2493	20,2	123	80+	4000	2,0
RK-EU-LNR02 1x3750 K279 T840 OP LO4 SB	872	77	68	862x68	3739	29,5	127	80+	4000	2,0
RK-EU-LNR02 1x1550 K280 T840 OP LO1 SB	1012	77	68	1002x68	1510	11,6	130	80+	4000	2,3
RK-EU-LNR02 1x2100 K281 T840 OP LO2 SB	1012	77	68	1002x68	2080	15,9	131	80+	4000	2,3
RK-EU-LNR02 1x2950 K282 T840 OP LO3 SB	1012	77	68	1002x68	2908	23,0	126	80+	4000	2,3
RK-EU-LNR02 1x1750 K283 T840 OP LO1 SB	1152	77	68	1142x68	1726	13,1	132	80+	4000	2,5
RK-EU-LNR02 1x2400 K284 T840 OP LO2 SB	1152	77	68	1142x68	2378	18,0	132	80+	4000	2,5
RK-EU-LNR02 1x3350 K285 T840 OP LO3 SB	1152	77	68	1142x68	3323	26,3	126	80+	4000	2,5
RK-EU-LNR02 1x5000 K286 T840 OP LO4 SB	1152	77	68	1142x68	4985	38,1	131	80+	4000	2,5
RK-EU-LNR02 1x1950 K287 T840 OP LO1 SB	1292	77	68	1282x68	1942	14,5	134	80+	4000	2,7
RK-EU-LNR02 1x2700 K288 T840 OP LO2 SB	1292	77	68	1282x68	2675	20,2	132	80+	4000	2,7
RK-EU-LNR02 1x3750 K289 T840 OP LO3 SB	1292	77	68	1282x68	3739	29,6	126	80+	4000	2,7

PRODUCT	LENGTH, mm	WIDTH, mm	HEIGHT, mm	CUT-OUT, mm	LUMINAIRE OUTPUT*, lm	SYSTEM POWER*, W	SYSTEM EFFICACY*, lm/W	CRI	CCT*, K	WEIGHT, kg
RK-EU-LNR02 1x2200 K290 T840 OP LO1 SB	1432	77	68	1422x68	2158	16,6	130	80+	4000	2,9
RK-EU-LNR02 1x3000 K291 T840 OP LO2 SB	1432	77	68	1422x68	2972	23,0	129	80+	4000	2,9
RK-EU-LNR02 1x4200 K292 T840 OP LO3 SB	1432	77	68	1422x68	4154	31,7	131	80+	4000	2,9
RK-EU-LNR02 1x6250 K293 T840 OP LO4 SB	1432	77	68	1422x68	6231	47,6	131	80+	4000	2,9
RK-EU-LNR02 1x2600 K294 T840 OP LO1 SB	1712	77	68	1702x68	2589	19,4	133	80+	4000	3,4
RK-EU-LNR02 1x3600 K295 T840 OP LO2 SB	1712	77	68	1702x68	3566	27,3	131	80+	4000	3,4
RK-EU-LNR02 1x5000 K296 T840 OP LO3 SB	1712	77	68	1702x68	4985	38,1	131	80+	4000	3,4
RK-EU-LNR02 1x7500 K297 T840 OP LO4 SB	1712	77	68	1702x68	7478	57,1	131	80+	4000	3,4
RK-EU-LNR02 1x3050 K298 T840 OP LO1 SB	1992	77	68	1982x68	3021	22,4	135	80+	4000	4,0
RK-EU-LNR02 1x4200 K299 T840 OP LO2 SB	1992	77	68	1982x68	4161	31,5	132	80+	4000	4,0
RK-EU-LNR02 1x5850 K300 T840 OP LO3 SB	1992	77	68	1982x68	5816	44,4	131	80+	4000	4,0
RK-EU-LNR02 1x8750 K301 T840 OP LO4 SB	2132	77	68	2122x68	9347	71,3	131	80+	4000	4,2
RK-EU-LNR02 1x3500 K302 T840 OP LO1 SB	2272	77	68	2122x68	3452	25,3	136	80+	4000	4,3
RK-EU-LNR02 1x4800 K303 T840 OP LO2 SB	2272	77	68	2262x68	4755	35,5	134	80+	4000	4,3
RK-EU-LNR02 1x6650 K304 T840 OP LO3 SB	2272	77	68	2262x68	6647	50,8	131	80+	4000	4,3
RK-EU-LNR02 1x10000 K305 T840 OP LO4 SB	2272	77	68	2262x68	9970	77,0	129	80+	4000	4,3
RK-EU-LNR02 1x3900 K306 T840 OP LO1 SB	2552	77	68	2542x68	3884	27,5	141	80+	4000	5,4
RK-EU-LNR02 1x5350 K307 T840 OP LO2 SB	2552	77	68	2542x68	5349	40	134	80+	4000	5,4
RK-EU-LNR02 1x7500 K308 T840 OP LO3 SB	2552	77	68	2542x68	7478	57,1	131	80+	4000	5,4
RK-EU-LNR02 1x11250 K309 T840 OP LO4 SB	2552	77	68	2542x68	11217	82,9	135	80+	4000	5,4
RK-EU-LNR02 1x4550 K310 T840 OP LO1 SB	2972	77	68	2962x68	4531	32,0	142	80+	4000	5,8
RK-EU-LNR02 1x6250 K311 T840 OP LO2 SB	2972	77	68	2962x68	6241	46,1	135	80+	4000	5,8
RK-EU-LNR02 1x8750 K312 T840 OP LO3 SB	2972	77	68	2962x68	8724	66,7	131	80+	4000	5,8
Basic version										
RK-EU-LNR02 1x800 H402 T840 OP LO1 SB	592	77	68	582x68	763	6,8	112	80+	4000	1,5
RK-EU-LNR02 1x1050 H403 T840 OP LO2 SB	592	77	68	582x68	1040	9,5	109	80+	4000	1,5
RK-EU-LNR02 1x1450 H404 T840 OP LO3 SB	592	77	68	582x68	1429	13,8	104	80+	4000	1,5
RK-EU-LNR02 1x2150 H405 T840 OP LO4 SB	592	77	68	582x68	2144	20,0	107	80+	4000	1,5
RK-EU-LNR02 1x1000 H406 T840 OP LO1 SB	732	77	68	722x68	953	8,1	118	80+	4000	1,8
RK-EU-LNR02 1x1300 H407 T840 OP LO2 SB	732	77	68	722x68	1299	11,6	112	80+	4000	1,8
RK-EU-LNR02 1x1800 H408 T840 OP LO3 SB	732	77	68	722x68	1786	16,8	106	80+	4000	1,8
RK-EU-LNR02 1x2700 H409 T840 OP LO4 SB	732	77	68	722x68	2679	24,7	108	80+	4000	1,8
RK-EU-LNR02 1x1150 H410 T840 OP LO1 SB	872	77	68	862x68	1145	10,0	115	80+	4000	2,0
RK-EU-LNR02 1x1600 H411 T840 OP LO2 SB	872	77	68	862x68	1559	14,0	111	80+	4000	2,0
RK-EU-LNR02 1x2150 H412 T840 OP LO3 SB	872	77	68	862x68	2144	20,2	106	80+	4000	2,0
RK-EU-LNR02 1x3250 H413 T840 OP LO4 SB	872	77	68	862x68	3215	29,7	108	80+	4000	2,0
RK-EU-LNR02 1x1350 H414 T840 OP LO1 SB	1012	77	68	1002x68	1335	11,5	116	80+	4000	2,3
RK-EU-LNR02 1x1850 H415 T840 OP LO2 SB	1012	77	68	1002x68	1819	15,9	114	80+	4000	2,3
RK-EU-LNR02 1x2500 H416 T840 OP LO3 SB	1012	77	68	1002x68	2500	23,0	109	80+	4000	2,3
RK-EU-LNR02 1x1550 H417 T840 OP LO1 SB	1152	77	68	1142x68	1526	13,0	117	80+	4000	2,5
RK-EU-LNR02 1x2100 H418 T840 OP LO2 SB	1152	77	68	1142x68	2079	17,9	116	80+	4000	2,5
RK-EU-LNR02 1x2900 H419 T840 OP LO3 SB	1152	77	68	1142x68	2858	26,3	109	80+	4000	2,5
RK-EU-LNR02 1x4300 H420 T840 OP LO4 SB	1152	77	68	1142x68	4287	38,2	112	80+	4000	2,5
RK-EU-LNR02 1x1750 H421 T840 OP LO1 SB	1292	77	68	1282x68	1716	14,5	118	80+	4000	2,7
RK-EU-LNR02 1x2350 H422 T840 OP LO2 SB	1292	77	68	1282x68	2339	20,1	116	80+	4000	2,7
RK-EU-LNR02 1x3250 H423 T840 OP LO3 SB	1292	77	68	1282x68	3215	29,6	109	80+	4000	2,7
RK-EU-LNR02 1x1950 H424 T840 OP LO1 SB	1432	77	68	1422x68	1907	16,5	116	80+	4000	2,9
RK-EU-LNR02 1x2600 H425 T840 OP LO2 SB	1432	77	68	1422x68	2599	22,9	113	80+	4000	2,9
RK-EU-LNR02 1x3600 H426 T840 OP LO3 SB	1432	77	68	1422x68	3572	31,7	113	80+	4000	2,9
RK-EU-LNR02 1x5400 H427 T840 OP LO4 SB	1432	77	68	1422x68	5359	47,8	112	80+	4000	2,9

PRODUCT	LENGTH, mm	WIDTH, mm	HEIGHT, mm	CUT-OUT, mm	LUMINAIRE OUTPUT*, lm	SYSTEM POWER*, W	SYSTEM EFFICACY*, lm/W	CRI	CCT*, K	WEIGHT, kg
RK-EU-LNR02 1x2300 H428 T840 OP LO1 SB	1712	77	68	1702x68	2288	19,3	119	80+	4000	3,4
RK-EU-LNR02 1x3150 H429 T840 OP LO2 SB	1712	77	68	1702x68	3119	27,3	114	80+	4000	3,4
RK-EU-LNR02 1x4300 H430 T840 OP LO3 SB	1712	77	68	1702x68	4287	38,2	112	80+	4000	3,4
RK-EU-LNR02 1x6450 H431 T840 OP LO4 SB	1712	77	68	1702x68	6430	57,3	112	80+	4000	3,4
RK-EU-LNR02 1x2700 H432 T840 OP LO1 SB	1992	77	68	1982x68	2670	22,2	120	80+	4000	4,0
RK-EU-LNR02 1x3650 H433 T840 OP LO2 SB	1992	77	68	1982x68	3638	31,4	116	80+	4000	4,0
RK-EU-LNR02 1x5050 H434 T840 OP LO3 SB	1992	77	68	1982x68	5001	44,6	112	80+	4000	4,0
RK-EU-LNR02 1x8050 H435 T840 OP LO4 SB	2132	77	68	2122x68	6430	57,3	112	80+	4000	4,2
RK-EU-LNR02 1x3100 H436 T840 OP LO1 SB	2272	77	68	2122x68	3051	25,1	122	80+	4000	4,3
RK-EU-LNR02 1x4200 H437 T840 OP LO2 SB	2272	77	68	2262x68	4158	35,5	117	80+	4000	4,3
RK-EU-LNR02 1x5750 H438 T840 OP LO3 SB	2272	77	68	2262x68	5716	50,9	112	80+	4000	4,3
RK-EU-LNR02 1x8600 H439 T840 OP LO4 SB	2272	77	68	2262x68	8573	77,3	111	80+	4000	4,3
RK-EU-LNR02 1x3450 H440 T840 OP LO1 SB	2552	77	68	2542x68	3433	27,3	126	80+	4000	5,4
RK-EU-LNR02 1x4700 H441 T840 OP LO2 SB	2552	77	68	2542x68	4678	39,9	117	80+	4000	5,4
RK-EU-LNR02 1x6450 H442 T840 OP LO3 SB	2552	77	68	2542x68	6430	57,3	112	80+	4000	5,4
RK-EU-LNR02 1x9650 H443 T840 OP LO4 SB	2552	77	68	2542x68	9645	83,2	116	80+	4000	5,4
RK-EU-LNR02 1x4050 H444 T840 OP LO1 SB	2972	77	68	2962x68	4005	31,9	126	80+	4000	5,8
RK-EU-LNR02 1x5500 H445 T840 OP LO2 SB	2972	77	68	2962x68	5457	46,0	119	80+	4000	5,8
RK-EU-LNR02 1x7550 H446 T840 OP LO3 SB	2972	77	68	2962x68	7502	66,9	112	80+	4000	5,8
BLANK RK-EU-LNR02 track assembly FIRST L1132mm 3LIN L										
BLANK RK-EU-LNR02 track assembly FIRST L1412mm 3LIN L										
BLANK RK-EU-LNR02 track assembly FIRST L2952mm 3LIN L										
BLANK RK-EU-LNR02 track assembly FIRST L1124mm 3LIN LL										
BLANK RK-EU-LNR02 track assembly FIRST L1404mm 3LIN LL										
BLANK RK-EU-LNR02 track assembly FIRST L2944mm 3LIN LL										
BLANK RK-EU-LNR02 track assembly L1124mm 3LIN LL										
BLANK RK-EU-LNR02 track assembly L1404mm 3LIN LL										
BLANK RK-EU-LNR02 track assembly L2944mm 3LIN LL										
BLANK RK-EU-LNR02 track assembly END L1132mm 3LIN L										
BLANK RK-EU-LNR02 track assembly END L1412mm 3LIN L										
BLANK RK-EU-LNR02 track assembly END L2952mm 3LIN L										
BLANK RK-EU-LNR02 track assembly END L1124mm 3LIN LL										
BLANK RK-EU-LNR02 track assembly END L1404mm 3LIN LL										
BLANK RK-EU-LNR02 track assembly END L2944mm 3LIN LL										

*Tolerance range for optical and electrical data: -10%. Values apply to an ambient temperature of 25°C. RIKADA is constantly developing and improving its products. The right is reserved to change any product specifications without prior notification

OPTIONS AVAILABLE ON REQUEST:

LED	REFLECTOR AND OPTICS	CONTROL GEAR	SENSORS	EMERGENCY	CONNECTION	OTHER	PROTECTION	COLOUR
T830	OP	DALI ^{1 2}	MW ^{45 9}	EM3 ¹¹	1LIN ¹²	L ¹³	IP44 ¹⁴	RAL
T840	DPRZ LT80	EAIRB ^{3 4 5 6 8}	PIR ^{45 10}	EM3A ¹¹	2LIN ¹²	LL ¹³		
		BLT	PIR BLT DALI ^{4 5}	EM3D ¹¹	3LIN ¹²			
		KRBLT			2G			
		KRBLT DALI			CBF3-2.0m			
		PULL ⁷						
		PULLDIM ⁷						
		TW ⁸						

1 DALI option is not applicable for models: K305; K309; H439; H443

2 For DALI LIN option wires are 2x0.5mm²

3 Ingress protection IP20

4 For options EAIRB, MW and PIR luminaire housing is 72mm longer

5 The EAIRB, MW, PIR sensors are positioned in the end of the luminaire for lengths up to 1800mm, and in the middle of the luminaire for lengths over 1800mm

6 EAIRB option is not applicable for models: K268...K273; K276; K280; K283; K287; K307; H402...H407; H410; H414; H417; H421; H443 For

7 PULL and PULLDIM option luminaire housing is 50mm longer and switch is positioned at the end of luminaire

8 Please ask for special models with options EAIRB and TW

9 MW option is not applicable for 592mm long versions

10 Ingress protection IP40

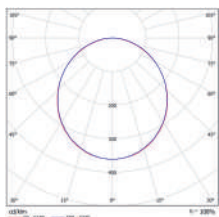
11 EM options applicable for models longer than 1000mm

12 LIN options applicable for models longer than 800mm, for shorter models 5 pole terminal block included as standard

13 For L and LL models joint kit and 1LIN option included (5TB option for lengths up to 800mm)

14 IP44 option not applicable for L and LL models

OP



DPRZ LT80

