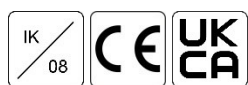
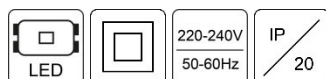


# CORRIDOR R LED

## Emergency Lighting



**Description:** Recessed mounted LED emergency escape luminaire  
 Light distribution type: direct  
 Optical system: lenses  
 Housing: polycarbonate  
 Colour: white  
 Battery charging time: 24 hours (12 hours optional: AUT)  
 Battery: NiCd (LiFePO<sub>4</sub> optional: AUT), deep discharge protection

**General data:** Mains voltage: 220-240V, 50-60Hz  
 LED lifetime, h: 50000/L80B50  
 SDCM: 5  
 Protection class IEC: II  
 Ingress protection code: IP20  
 Mechanical impact resistance: IK08  
 Operating temperature range, °C: ta 0...+40 (CEBLED ta -25...+50)

**Installation:** In ceilings with cut-out openings (mounting brackets included). Electronic gear and battery package installed in a separate box. Push-in terminal, 3x2x2.5mm<sup>2</sup>

**Environment:** Indoor

**Application:** Escape route lighting



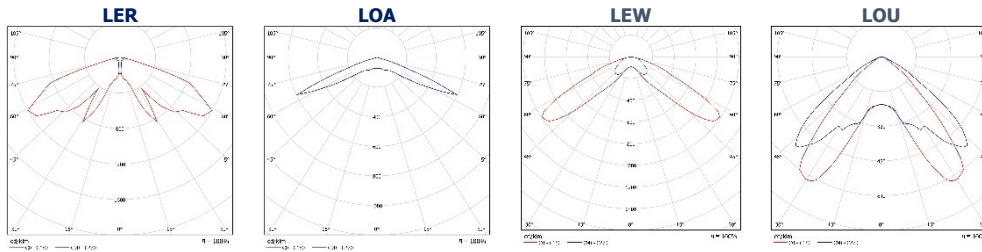
The extremely effective optics reflected in the very large mounting distances between the luminaires:  
 up to 39m along the escape routes;  
 up to 27m in the open areas;  
 that effects significantly on reduction of the number of needed emergency luminaires and, consequently, the costs of installation and subsequent maintenance

Product	Length, mm	Width, mm	Height, mm	Illumination mode	Emergency operating time, h	Power in emergency mode, W*	CRI *	CCT, K*	Weight, kg
Corridor R 1HLED U22 LER	95	95	48	NM	1	1	80+	6500	0,60
Corridor R 3HLED U24 LER	95	95	48	NM	3	1	80+	6500	0,65
Corridor R 1PLED U25 LER	95	95	48	M/NM	1	1	80+	6500	0,60
Corridor R 3PLED U27 LER	95	95	48	M/NM	3	1	80+	6500	0,65
Corridor R 1PLED U25 LER AUT	95	95	48	M/NM	1	1	80+	6500	0,60
Corridor R 3PLED U27 LER AUT	95	95	48	M/NM	3	1	80+	6500	0,65
Corridor R CBLEd C319 LER	95	95	48	CEB	set	1	80+	6500	0,60
Corridor R 1HLED U22 LOA	95	95	48	NM	1	1	80+	6500	0,60
Corridor R 3HLED U24 LOA	95	95	48	NM	3	1	80+	6500	0,65
Corridor R 1PLED U25 LOA	95	95	48	M/NM	1	1	80+	6500	0,60
Corridor R 3PLED U27 LOA	95	95	48	M/NM	3	1	80+	6500	0,65
Corridor R 1PLED U25 LOA AUT	95	95	48	M/NM	1	1	80+	6500	0,60
Corridor R 3PLED U27 LOA AUT	95	95	48	M/NM	3	1	80+	6500	0,65
Corridor R CBLEd C319 LOA	95	95	48	CEB	set	1	80+	6500	0,60
Corridor R 1PLED J10 LER	95	95	48	NM	1	3	80+	6500	0,65
Corridor R 3PLED J12 LER	95	95	48	NM	3	3	80+	6500	0,70
Corridor R 1PLED J10 LER AUT	95	95	48	M/NM	1	3	80+	6500	0,65
Corridor R 3PLED J12 LER AUT	95	95	48	M/NM	3	3	80+	6500	0,70
Corridor R CBLEd C320 LER	95	95	48	CEB	set	3	80+	6500	0,65

**TECHNICAL DATA SHEET**

Product	Length, mm	Width, mm	Height, mm	Illumination mode	Emergency operating time, h	Power in emergency mode, W*	CRI *	CCT, K*	Weight, kg
Corridor R 1PLED J10 LOA	95	95	48	M/NM	1	3	80+	6500	0,65
Corridor R 3PLED J12 LOA	95	95	48	M/NM	3	3	80+	6500	0,70
Corridor R 1PLED J10 LOA AUT	95	95	48	M/NM	1	3	80+	6500	0,65
Corridor R 3PLED J12 LOA AUT	95	95	48	M/NM	3	3	80+	6500	0,70
Corridor R CBLED C320 LOA	95	95	48	CEB	set	3	80+	6500	0,65

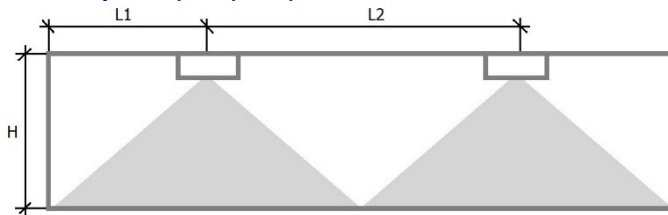
\*M-maintained (with an option of connecting as non-maintained), NM- non-maintained, system power and output indicates data in emergency mode, tolerance range for optical and electrical data: ±10%, values apply to an ambient temperature of 25°C



**Available options:**

DALI	Driver with DALI interface	LGREY	Light grey thermoplastic body
*note - DALI option is applicable for models: U25, U27, J10, J12		BLACK	Black thermoplastic body
TEST	Manual test button	LER	Optic for escape route
AUT	Autonomous testing system	LOA	Optic for open areas
CEB	Fitting to central battery system	LEW	Optic for wide route
CLV	Fitting to low voltage central battery system CEBLV	LOU	Optic for mixed areas/universal
EMS	Fitting to emergency monitoring system		

**Photometry of LER/ LOA/ LEW/ LOU**



L1- distance from the wall to the first fixture  
L2- distance between fixtures  
H- height of the ceiling

**LER optic for corridor route illumination:**

LER- 1W/180lm min. 1lx		
H, m	L1, m	L2, m
2,50	6,0	14,5
3,00	6,5	16,0
3,50	6,5	17,0
4,00	7,0	17,5
4,50	7,0	18,0
5,00	7,0	17,5
6,00	6,5	15,0

LER- 3W/385lm min. 1lx		
H, m	L1, m	L2, m
2,50	7,0	16,0
3,00	8,0	18,5
3,50	9,0	21,0
4,00	9,5	22,5
4,50	10,0	25,0
5,00	10,5	26,5
6,00	11,0	27,0
7,00	11,5	28,0
8,00	11,0	28,0

**LOA optic for open area illumination:**

LOA- 1W/175lm min. 0,5lx		
H, m	L1, m	L2, m
2,50	4,0	10,5
3,00	4,5	11,5
3,50	5,0	13,0
4,00	2,5	12,0
4,50	2,0	11,5
5,00	2,5	11,0
6,00	2,0	10,0

LOA- 3W/385lm min. 0,5lx		
H, m	L1, m	L2, m
2,50	5,0	12,0
3,00	5,5	13,0
3,50	6,5	15,5
4,00	7,0	16,5
4,50	7,5	18,0
5,00	8,0	19,5
6,00	4,0	18,0
7,00	2,5	18,0
8,00	2,5	17,5

**TECHNICAL DATA SHEET****LEW optic for corridor route illumination:**

<b>LEW- 1W/180lm min. 1lx</b>		
<b>H, m</b>	<b>L1, m</b>	<b>L2, m</b>
2,50	5,0	11,0
3,00	5,5	13,0
3,50	6,0	14,0
4,00	6,5	15,0

<b>LEW- 3W/400lm min. 1lx</b>		
<b>H, m</b>	<b>L1, m</b>	<b>L2, m</b>
2,50	6,0	14,0
3,00	6,5	15,5
3,50	7,5	17,0
4,00	8,0	18,0
4,50	9,0	20,0
5,00	9,0	21,0
6,00	9,0	21,5

**LOU optic for open area illumination:**

<b>LOU- 1W/180lm min. 0,5lx</b>		
<b>H, m</b>	<b>L1, m</b>	<b>L2, m</b>
2,50	3,0	6,5
3,00	3,0	7,0
3,50	3,5	7,5
4,00	3,5	8,5
4,50	4,0	8,5
5,00	4,5	9,0
6,00	4,5	8,0

<b>LOU- 3W/410lm min. 0,5lx</b>		
<b>H, m</b>	<b>L1, m</b>	<b>L2, m</b>
2,50	3,5	8,0
3,00	4,0	8,5
3,50	4,5	9,5
4,00	4,5	10,5
4,50	5,5	11,0
5,00	6,0	12,5
6,00	6,5	13,5