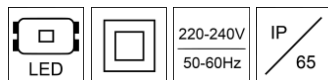


ARA R LED

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 (LiFePO4 optional: AUT), deep discharge protection

General data: Mains voltage: 220-240V, 50-60Hz
 LED lifetime, h: 70000/L80B10
 SDCM: 3
 Protection class IEC: II
 Ingress protection code: IP65/20
 Mechanical impact resistance: IK08
 Operating temperature range, °C: ta 0...+40 (CEBLED ta -25...+50; CLV: ta 0...+50)

Installation: In ceilings with cut-out openings (mounting brackets included). Push-in terminal, 3x2x2.5 mm²
 Electronic gear and battery package installed in a separate box

Environment: Indoor

Application: Escape route lighting



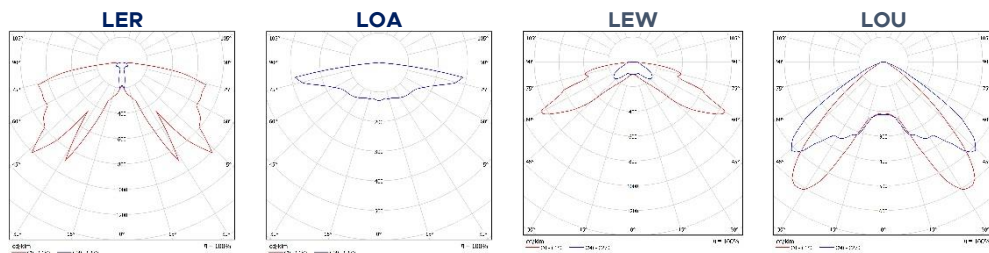
The extremely effective optics reflected in the very large mounting distances between the luminaires:
 up to 39m along the escape routes;
 up to 27m in the open areas;
 that effects significantly on reduction of the number of needed emergency luminaires and, consequently, the costs of installation and 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
Ara R 1HLED C364 LER IP65	100	100	37	NM	1	1	80+	6000	0,6
Ara R 3HLED C365 LER IP65	100	100	37	NM	3	1	80+	6000	0,7
Ara R 1PLED C366 LER IP65	100	100	37	M/NM	1	1	80+	6000	0,6
Ara R 3PLED C367 LER IP65	100	100	37	M/NM	3	1	80+	6000	0,7
Ara R 1PLED C366 LER IP65 AUT	100	100	37	M/NM	1	1	80+	6000	0,6
Ara R 3PLED C367 LER IP65 AUT	100	100	37	M/NM	3	1	80+	6000	0,7
Ara R CEBLED C368 LER IP65	100	100	37	CEB	x	1	80+	6000	0,6
Ara R 1PLED C366 LER IP65 EMS	100	100	37	EMS M/NM	1	1	80+	6000	0,6
Ara R 3PLED C367 LER IP65 EMS	100	100	37	EMS M/NM	3	1	80+	6000	0,7
Ara R 1PLED C366 LER IP65 DALI	100	100	37	DALI M/NM	1	1	80+	6000	0,6
Ara R 3PLED C367 LER IP65 DALI	100	100	37	DALI M/NM	3	1	80+	6000	0,7
Ara R CLV U28 LER IP65	100	100	37	CLV	x	1	80+	6000	0,6
Ara R 1PLED C366 LOA IP65 EMS	100	100	37	NM	1	1	80+	6000	0,6
Ara R 3PLED C367 LOA IP65 EMS	100	100	37	NM	3	1	80+	6000	0,7
Ara R 1PLED C366 LOA IP65 DALI	100	100	37	M/NM	1	1	80+	6000	0,6
Ara R 3PLED C367 LOA IP65 DALI	100	100	37	M/NM	3	1	80+	6000	0,7
Ara R CLV U28 LOA IP65	100	100	37	M/NM	1	1	80+	6000	0,6
Ara R 1PLED C366 LOA IP65 EMS	100	100	37	M/NM	3	1	80+	6000	0,7
Ara R 3PLED C367 LOA IP65 EMS	100	100	37	CEB	x	1	80+	6000	0,6
Ara R 1PLED C366 LOA IP65 DALI	100	100	37	EMS M/NM	1	1	80+	6000	0,6
Ara R 3PLED C367 LOA IP65 DALI	100	100	37	EMS M/NM	3	1	80+	6000	0,7
Ara R CLV U28 LOA IP65	100	100	37	DALI M/NM	1	1	80+	6000	0,6
Ara R 1PLED C366 LOA IP65 EMS	100	100	37	DALI M/NM	3	1	80+	6000	0,7
Ara R 3PLED C367 LOA IP65 EMS	100	100	37	CLV	x	1	80+	6000	0,6
Ara R 1PLED C371 LER IP65	100	100	37	M/NM	1	3	80+	6000	0,7
Ara R 3PLED C372 LER IP65	100	100	37	M/NM	3	3	80+	6000	0,7
Ara R 1PLED C371 LER IP65 AUT	100	100	37	M/NM	1	3	80+	6000	0,7
Ara R 3PLED C372 LER IP65 AUT	100	100	37	M/NM	3	3	80+	6000	0,7
Ara R CEBLED C373 LER IP65	100	100	37	CEB	x	3	80+	6000	0,6
Ara R 1PLED C371 LER IP65 EMS	100	100	37	EMS M/NM	1	3	80+	6000	0,7
Ara R 3PLED C372 LER IP65 EMS	100	100	37	EMS M/NM	3	3	80+	6000	0,7
Ara R 1PLED C371 LER IP65 DALI	100	100	37	DALI M/NM	1	3	80+	6000	0,7
Ara R 3PLED C372 LER IP65 DALI	100	100	37	DALI M/NM	3	3	80+	6000	0,7
Ara R CLV U29 LER IP65	100	100	37	CLV	x	3	80+	6000	0,7
Ara R 1PLED C371 LOA IP65	100	100	37	M/NM	1	3	80+	6000	0,7
Ara R 3PLED C372 LOA IP65	100	100	37	M/NM	3	3	80+	6000	0,7
Ara R 1PLED C371 LOA IP65 AUT	100	100	37	M/NM	1	3	80+	6000	0,7
Ara R 3PLED C372 LOA IP65 AUT	100	100	37	M/NM	3	3	80+	6000	0,7

Product	Length, mm	Width, mm	Height, mm	Illumination mode	Emergency operating time, h	Power in emergency mode, W*	CRI *	CCT*, K	Weight, kg
Ara R CEBLED C373 LOA IP65	100	100	37	CEB	x	3	80+	6000	0,6
Ara R 1PLED C371 LOA IP65 EMS	100	100	37	EMS M/NM	1	3	80+	6000	0,7
Ara R 3PLED C372 LOA IP65 EMS	100	100	37	EMS M/NM	3	3	80+	6000	0,7
Ara R 1PLED C371 LOA IP65 DALI	100	100	37	DALI M/NM	1	3	80+	6000	0,7
Ara R 3PLED C372 LOA IP65 DALI	100	100	37	DALI M/NM	3	3	80+	6000	0,7
Ara R CLV U29 LOA IP65	100	100	37	CLV	x	3	80+	6000	0,7
Ara R 1PLED C376 LER IP65	100	100	37	M/NM	1	6	80+	6000	0,8
Ara R 3PLED C377 LER IP65	100	100	37	M/NM	3	6	80+	6000	1,1
Ara R 1PLED C376 LER IP65 AUT	100	100	37	M/NM	1	6	80+	6000	0,8
Ara R 3PLED C377 LER IP65 AUT	100	100	37	M/NM	3	6	80+	6000	1,1
Ara R CEBLED C378 LER IP65	100	100	37	CEB	x	6	80+	6000	0,8
Ara R 1PLED C376 LER IP65 EMS	100	100	37	EMS M/NM	1	6	80+	6000	0,8
Ara R 3PLED C377 LER IP65 EMS	100	100	37	EMS M/NM	3	6	80+	6000	1,1
Ara R 1PLED C376 LER IP65 DALI	100	100	37	DALI M/NM	1	6	80+	6000	0,8
Ara R 3PLED C377 LER IP65 DALI	100	100	37	DALI M/NM	3	6	80+	6000	1,1
Ara R CLV2 U69 LER IP65	100	100	37	CLV2	x	6	80+	6000	0,8
Ara R 1PLED C376 LOA IP65	100	100	37	M/NM	1	6	80+	6000	0,8
Ara R 3PLED C377 LOA IP65	100	100	37	M/NM	3	6	80+	6000	1,1
Ara R 1PLED C376 LOA IP65 AUT	100	100	37	M/NM	1	6	80+	6000	0,8
Ara R 3PLED C377 LOA IP65 AUT	100	100	37	M/NM	3	6	80+	6000	1,1
Ara R CEBLED C378 LOA IP65	100	100	37	CEB	x	6	80+	6000	0,8
Ara R 1PLED C376 LOA IP65 EMS	100	100	37	EMS M/NM	1	6	80+	6000	0,8
Ara R 3PLED C377 LOA IP65 EMS	100	100	37	EMS M/NM	3	6	80+	6000	1,1
Ara R 1PLED C376 LOA IP65 DALI	100	100	37	DALI M/NM	1	6	80+	6000	0,8
Ara R 3PLED C377 LOA IP65 DALI	100	100	37	DALI M/NM	3	6	80+	6000	1,1
Ara R CLV2 U69 LOA IP65	100	100	37	CLV2	x	6	80+	6000	0,8

*-M-maintained (with an option of connecting as non-maintained), NM- non-maintained, CEB maintained, DALI NM- non-maintained, DALI maintained, EMS NM- non-maintained, EMS maintained, CLV 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

*Photos are for illustrational purposes only. The exact appearance of the product may vary depending on the monitor settings, options selected and other factors.

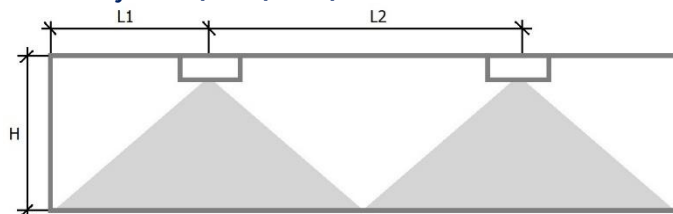


Available options:

DALI Driver with DALI interface
 *note - DALI option is applicable for models: C366, C367, C371, C372, C376, C377
 AUT Autonomous testing system
 CEB Fitting to central battery system
 CLV Fitting to low voltage central 24V battery system CEBLV
 CLV2 Fitting to low voltage central 48V battery system CEBLV
 *note: only for U69 model

EMS Fitting to emergency monitoring system
 *note - EMS option is applicable for models: C366, C367, C371, C372, C376, C377
 LGREY Light grey thermoplastic body
 BLACK Black thermoplastic body
 LER Optic for escape route
 LOA Optic for open areas
 LEW Optic for escape route (wide corridor)
 LOU Optic for mixed areas/universal

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/190lm 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/460lm min. 1lx		
H, m	L1, m	L2, m
2,5	8,0	20,0
3,0	8,5	21,5
3,5	9,0	23,0
4,0	9,5	24,5
4,5	10,0	25,5
5,0	10,0	26,5
6,0	10,5	28,0
7,0	11,0	29,5
8,0	11,5	30,0
9,0	11,5	31,1

LER - 6W/785lm min. 1lx		
H, m	L1, m	L2, m
2,5	10,0	24,5
3,0	11,0	27,0
3,5	11,5	28,5
4,0	12,0	31,5
4,5	12,5	32,5
5,0	13,0	32,5
6,0	14,0	35,5
7,0	15,0	38,0
8,0	15,5	40,0
9,0	16,0	41,5
10,0	16,5	42,0

LOA optic for open area illumination:

LOA - 1W/190lm min. 0,5lx		
H, m	L1, m	L2, m
2,5	2,5	13,5
3,0	2,5	14,0
3,5	2,5	14,5
4,0	2,0	14,5
4,5	2,0	15,0
5,0	2,0	15,0
6,0	1,5	14,5
7,0	1,0	14,0

LOA - 3W/460lm min. 0,5lx		
H, m	L1, m	L2, m
2,5	6,0	17,0
3,0	7,0	18,0
3,5	7,5	19,5
4,0	7,5	21,0
4,5	7,0	22,5
5,0	5,5	24,0
6,0	3,0	25,0
7,0	3,0	25,5
8,0	2,5	25,0
9,0	2,5	24,0
10,0	2,0	24,0

LOA - 6W/775lm min. 0,5lx		
H, m	L1, m	L2, m
2,5	6,5	20,0
3,0	6,5	22,5
3,5	7,0	24,0
4,0	7,5	26,5
4,5	7,5	27,5
5,0	7,0	28,5
6,0	5,5	30,5
7,0	4,5	31,0
8,0	4,0	31,0
9,0	4,0	31,0
10,0	3,5	31,0