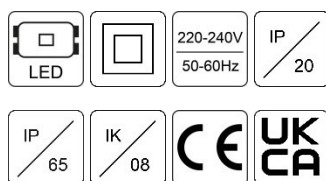


ARA R LED

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: 50000/L80B50
 SDCM: 5
 Protection class IEC: II
 Ingress protection code: IP20 or IP65/20
 Mechanical impact resistance: IK08
 Operating temperature range, °C: ta 0...+40

Installation: In ceilings with cut-out openings (mounting brackets included). Push-in terminal, 2x2x2.5mm²
 Electronic gear and battery package installed in a separate box

Environment: Indoor

Application: Escape route lighting



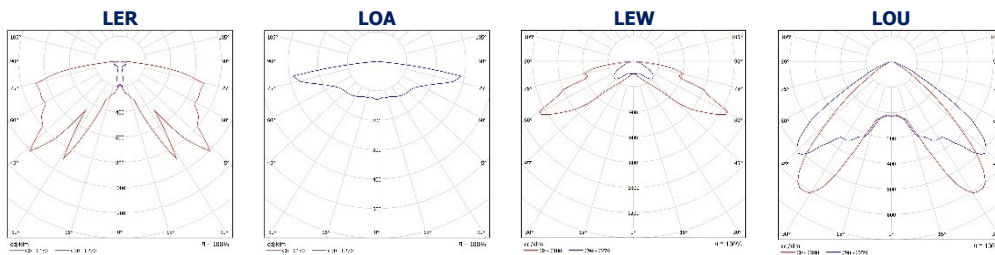
The extremely effective optics reflected in the very large mounting distances between the luminaires:
 up to 39m along the escape routes;
 up to 27m in the open areas;
 that effects significantly on reduction of the number of needed emergency luminaires and, consequently, the costs of installation and 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	100	100	37	NM	1	1	80+	6500	0,60
Ara R 3HLED C365 LER	100	100	37	NM	3	1	80+	6500	0,65
Ara R 1HLED C364 LER IP65	100	100	37	NM	1	1	80+	6500	0,60
Ara R 3HLED C365 LER IP65	100	100	37	NM	3	1	80+	6500	0,65
Ara R 1PLED C366 LER IP65	100	100	37	M/NM	1	1	80+	6500	0,60
Ara R 3PLED C367 LER IP65	100	100	37	M/NM	3	1	80+	6500	0,65
Ara R 1PLED C366 LER IP65 AUT	100	100	37	M/NM	1	1	80+	6500	0,60
Ara R 3PLED C367 LER IP65 AUT	100	100	37	M/NM	3	1	80+	6500	0,65
Ara R CEBLED C368 LER IP65	100	100	37	CEB	x	1	80+	6500	0,60

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
Ara R 1HLED C364 LOA IP65	100	100	37	NM	1	1	80+	6500	0,60
Ara R 3HLED C365 LOA IP65	100	100	37	NM	3	1	80+	6500	0,65
Ara R 1PLED C366 LOA IP65	100	100	37	M/NM	1	1	80+	6500	0,60
Ara R 3PLED C367 LOA IP65	100	100	37	M/NM	3	1	80+	6500	0,65
Ara R 1PLED C366 LOA IP65 AUT	100	100	37	M/NM	1	1	80+	6500	0,60
Ara R 3PLED C367 LOA IP65 AUT	100	100	37	M/NM	3	1	80+	6500	0,65
Ara R CEBLED C368 LOA IP65	100	100	37	CEB	x	1	80+	6500	0,60
Ara R 1PLED C371 LER IP65	100	100	37	M/NM	1	3	80+	6500	0,65
Ara R 3PLED C372 LER IP65	100	100	37	M/NM	3	3	80+	6500	0,65
Ara R 1PLED C371 LER IP65 AUT	100	100	37	M/NM	1	3	80+	6500	0,65
Ara R 3PLED C372 LER IP65 AUT	100	100	37	M/NM	3	3	80+	6500	0,65
Ara R CEBLED C373 LER IP65	100	100	37	CEB	x	3	80+	6500	0,60
Ara R 1PLED C371 LOA IP65	100	100	37	M/NM	1	3	80+	6500	0,65
Ara R 3PLED C372 LOA IP65	100	100	37	M/NM	3	3	80+	6500	0,65
Ara R 1PLED C371 LOA IP65 AUT	100	100	37	M/NM	1	3	80+	6500	0,65
Ara R 3PLED C372 LOA IP65 AUT	100	100	37	M/NM	3	3	80+	6500	0,65
Ara R CEBLED C373 LOA IP65	100	100	37	CEB	x	3	80+	6500	0,60
Ara R 1PLED C376 LER IP65	100	100	37	M/NM	1	3	80+	6500	0,65
Ara R 3PLED C377 LER IP65	100	100	37	M/NM	3	3	80+	6500	0,65
Ara R 1PLED C376 LER IP65 AUT	100	100	37	M/NM	1	3	80+	6500	0,65
Ara R 3PLED C377 LER IP65 AUT	100	100	37	M/NM	3	3	80+	6500	0,65
Ara R CEBLED C378 LER IP65	100	100	37	CEB	x	3	80+	6500	0,60
Ara R 1PLED C376 LOA IP65	100	100	37	M/NM	1	3	80+	6500	0,65
Ara R 3PLED C377 LOA IP65	100	100	37	M/NM	3	3	80+	6500	0,65
Ara R 1PLED C376 LOA IP65 AUT	100	100	37	M/NM	1	3	80+	6500	0,65
Ara R 3PLED C377 LOA IP65 AUT	100	100	37	M/NM	3	3	80+	6500	0,65
Ara R CEBLED C378 LOA IP65	100	100	37	CEB	x	3	80+	6500	0,60

Note: 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

*note - DALI option is applicable for models: C366, C367, C371, C372, C376, C377

TEST Manual test button

AUT Autonomous testing system

CEB Fitting to central battery system

CLV Fitting to low voltage central battery system CEBLV

EMS Fitting to emergency monitoring system

IP65

LGREY

BLACK

LER

LOA

LEW

LOU

IP65/20 ingress protection for recessed version

Light grey thermoplastic body

Black thermoplastic body

Optic for escape route

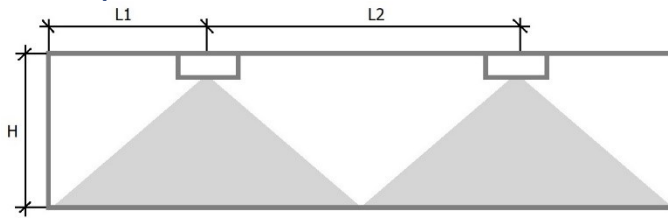
Optic for open areas

Optic for escape route (wide corridor)

Optic for mixed areas/universal

TECHNICAL DATA SHEET

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	5,5	15,0
3,00	5,5	16,0
3,50	6,0	16,5
4,00	6,5	17,0
4,50	6,0	16,5
5,00	6,0	16,5
6,00	5,5	14,0

LER- 3W/400lm min. 1lx		
H, m	L1, m	L2, m
2,50	8,0	19,0
3,00	8,0	20,5
3,50	8,5	21,5
4,00	9,0	23,0
4,50	9,5	24,0
5,00	10,0	25,0
6,00	10,5	26,5
7,00	10,5	28,0
8,00	10,0	27,5

LOA optic for open area illumination:

LOA- 1W/180lm min. 0,5lx		
H, m	L1, m	L2, m
2,50	2,5	13,5
3,00	2,0	13,5
3,50	2,0	13,5
4,00	2,0	13,0
4,50	1,5	12,5
5,00	1,5	12,5
6,00	1,5	12,0

LOA- 3W/405lm min. 0,5lx		
H, m	L1, m	L2, m
2,50	6,5	17,0
3,00	6,5	18,0
3,50	6,5	20,0
4,00	5,5	21,5
4,50	5,0	22,5
5,00	4,0	23,0
6,00	4,0	22,5
7,00	4,0	22,0
8,00	3,0	21,0

LEW optic for escape route (wide corridor) illumination:

LEW- 1W/180lm min. 1lx		
H, m	L1, m	L2, m
2,50	5,5	13,0
3,00	5,5	14,0
3,50	6,0	15,5
4,00	6,5	17,0

LEW- 3W/400lm min. 1lx		
H, m	L1, m	L2, m
2,50	6,5	16,5
3,00	7,5	17,5
3,50	8,0	19,0
4,00	9,0	20,5
4,50	9,0	22,0
5,00	10,5	22,5
6,00	10,5	23,5

LOU universal optic illumination:

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

LOU- 3W/410lm min. 1lx		
H, m	L1, m	L2, m
2,50	3,5	8,0
3,00	4,0	8,5
3,50	4,0	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