

RANA LED Recessed 1200
RANA LED R 1200 LO 4K LOUV+PRI DALI EMPRO W G2
0052431



PRODUCT OVERVIEW

Product name	RANA LED R 1200 LO 4K LOUV+PRI DALI EMPRO W G2
Technology	LED
Cap/Base	N/A
Housing	Steel
Mount	Ceiling recessed mounting
Warranty	5 years
Fixture luminous flux (lm)	3100
Luminaire efficacy (lm/W)	97
Colour temperature (K)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM3
Glare control	< 19
Photobiological Risk Group	RG0
Luminous flux (emergency) (lm)	280
Total power consumption (W)	32
Electrical protection	Class I
Control gear type	Electronic ballast
Housing colour	White
IP rating	IP20
IK rating	IK07
Product EAN number	5410288524313

DATA TABLE

General data	
Product name	RANA LED R 1200 LO 4K LOUV+PRI DALI EMPRO W G2
Technology	LED
Cap/Base	N/A
Housing	Steel
Mount	Ceiling recessed mounting

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Performance ambient temperature Tq (°C)	25
Warranty	5 years

Optical data

Fixture luminous flux (lm)	3100
Luminaire efficacy (lm/W)	97
Colour temperature (K)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM3
Glare control	< 19
Photobiological Risk Group	RG0
Luminous flux (emergency) (lm)	280
Emergency duration (h)	3

Electrical data

Total power consumption (W)	32
Primary Supply/Product voltage - min (V)	220
Lamp power factor	0.98
Electrical protection	Class I
Control gear type	Electronic ballast
Drive current (mA)	275
Inrush Current (A)	29
Inrush Duration (µs)	180
Glow Wire Test (°C)	850
Energy Efficiency Class (A->G) of contained light source	C
Nominal Frequency (Hz)	50/60Hz
Max. products per 10A C Breaker	21
Max. products per 20A B Breaker	27
Connectable conductor cross section - Min (mm²)	2.5
Connectable conductor cross section - Max (mm²)	2.5

Lifetime data

Lifespan L70 B50	50000
Lifespan L70 B10	50000
Lifespan L80 B50	50000
Lifespan L80 B10	50000
Lifespan L90 B50	50000
Lifespan L90 B10	50000

Physical data

Housing colour	White
IP rating	IP20
IK rating	IK07
Diffuser finish	Prismatic
Diffuser material	PC Polycarbonate

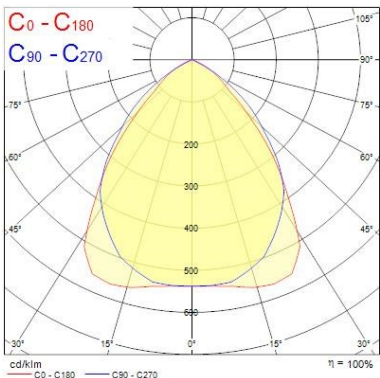
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Nominal Product Length (mm)	1196
Nominal Product Width (mm)	296
Weight (kg)	6.2
Recessed Depth (mm)	120

Packaging

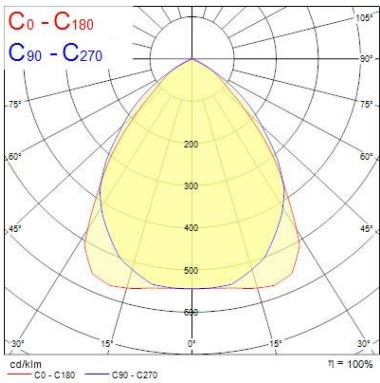
Single packaging type	Carton
Product EAN number	5410288524313
Packaging single width (cm)	6.5
Packaging single depth (cm)	32.0
DUN14 (outer)	05410288524313
Packaging outer length / height (cm)	124.5

PHOTOMETRY



Distance [m]	Cone diameter [m]	Beam diameter [m]	Beam diameter [m]	Beam diameter [m]
0.5	0.94	0.86	0.86	0.86
1.0	1.88	1.72	1.72	1.72
1.5	2.82	2.58	2.58	2.58
2.0	3.76	3.44	3.44	3.44
2.5	4.70	4.30	4.30	4.30
3.0	5.63	5.16	5.16	5.16

Distance [m] Cone diameter [m]
C0 - C180 (Half beam angle: 81.4°)
C90 - C270 (Half beam angle: 86.4°)



Distance [m]	Cone diameter [m]	Beam diameter [m]	Beam diameter [m]	Beam diameter [m]
0.5	0.94	0.85	0.85	0.85
1.0	1.87	1.71	1.71	1.71
1.5	2.81	2.56	2.56	2.56
2.0	3.74	3.42	3.42	3.42
2.5	4.68	4.27	4.27	4.27
3.0	5.61	5.12	5.12	5.12

Distance [m] Cone diameter [m]
C0 - C180 (Half beam angle: 81.0°)
C90 - C270 (Half beam angle: 86.2°)

TECHNICAL DRAWINGS

