

RANA LED Recessed 600
RANA LED R 600 HO 4K LOUV+PRI DALI EMPRO W G2
0052420



PRODUCT OVERVIEW

Product name	RANA LED R 600 HO 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)	4500
Luminaire efficacy (lm/W)	102
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)	427
Total power consumption (W)	44
Electrical protection	Class I
Control gear type	Electronic ballast
Housing colour	White
IP rating	IP20
IK rating	IK07
Product EAN number	5410288524207

DATA TABLE

General data	
Product name	RANA LED R 600 HO 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)	4500
Luminaire efficacy (lm/W)	102
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)	427
Emergency duration (h)	3

Electrical data

Total power consumption (W)	44
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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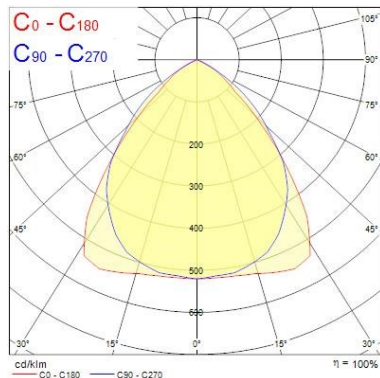
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Nominal Product Length (mm)	595
Nominal Product Width (mm)	595
Weight (kg)	4.7
Recessed Depth (mm)	120

Packaging

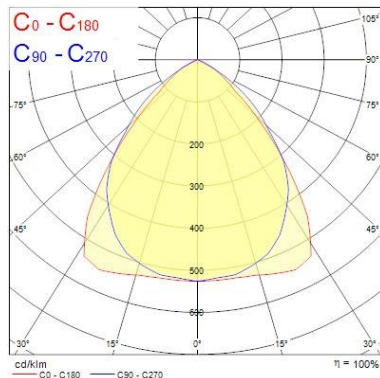
Single packaging type	Carton
Product EAN number	5410288524207
Packaging single width (cm)	6.5
Packaging single depth (cm)	65.0
DUN14 (outer)	05410288524207
Packaging outer length / height (cm)	62.0

PHOTOMETRY



Distance [m]	Cone diameter [m]	Illuminance [lx]
0.5	0.96 0.91	9385 1778
1.0	1.91 1.82	2342 444
1.5	2.87 2.73	1041 187
2.0	3.82 3.64	586 111
2.5	4.78 4.55	375 71
3.0	5.73 5.46	260 49

Distance [m] Cone diameter [m] Illuminance [lx]
C0 - C180 (Half beam angle: 84.6°)
C90 - C270 (Half beam angle: 87.4°)



Distance [m]	Cone diameter [m]	Illuminance [lx]
0.5	0.95 0.91	1178 235
1.0	1.90 1.81	294 55
1.5	2.85 2.72	131 32
2.0	3.80 3.63	73 14
2.5	4.74 4.53	47 9
3.0	5.69 5.44	33 6

Distance [m] Cone diameter [m] Illuminance [lx]
C0 - C180 (Half beam angle: 84.4°)
C90 - C270 (Half beam angle: 87.0°)

TECHNICAL DRAWINGS



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