

RANA Linear Surface&Suspended - Opal Diffuser
RANA LINEAR S 3KLM NW OPAL D
0051276



Product features

- Surface or Suspended LED Linear luminaire with Opal diffuser, Dimensions: 1150mm x 87mm x 87mm, Direct, White Body, DALI Dimmable (Switch-Dim), Neutral White LED (4000K), 3270lm, 31W, 105lm/W efficacy, CRI>80, 3 SDCM (3-step MacAdam ellipse), Low LED Flicker (+/-5%), UGR<23, L90B10 at 50,000 hours, Electric Class1, Glow Wire Test 850°C



PRODUCT OVERVIEW

Product name	RANA LINEAR S 3KLM NW OPAL D
Technology	LED
Cap/Base	N/A
Housing	Steel
Mount	Ceiling surface mounting, Suspended
Fixture rating	Enclosed
Environment	Internal
General application	Office, Hospitality, Retail, Education
ETIM Class	EC002892
E-number SE	7502660
Warranty	5 years
Fixture luminous flux (lm)	3270
Luminaire efficacy (lm/W)	105.48
LOR (%)	100
Colour temperature (K)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Consistency (SDCM)	3
Glare control	< 23
Photobiological Risk Group	RG0
Total power consumption (W)	31
Electrical protection	Class I
Control gear type	Electronic ballast
Dimmable	Yes
Dimming method	DALI
Minimum dimming level (%)	1
Housing colour	RAL 9016 - Traffic white / Bezel
IP rating	IP20
IK rating	IK07
Product EAN number	5410288512761

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DATA TABLE

General data

Product name	RANA LINEAR S 3KLM NW OPAL D
Technology	LED
Cap/Base	N/A
Housing	Steel
Mount	Ceiling surface mounting, Suspended
Fixture rating	Enclosed
Environment	Internal
General application	Office, Hospitality, Retail, Education
Operating temperature range (°C)	-25°C...+40°C
Performance ambient temperature T _q (°C)	25
ETIM Class	EC002892
E-number SE	7502660
Warranty	5 years

Optical data

Fixture luminous flux (lm)	3270
Luminaire efficacy (lm/W)	105.48
LOR (%)	100
Colour temperature (K)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Consistency (SDCM)	3
Glare control	< 23
Photobiological Risk Group	RG0

Electrical data

Total power consumption (W)	31
Primary Supply/Product voltage - min (V)	220
Primary Supply/Product voltage - max (V)	240
Lamp power factor	0.98
THD (at 230 V, 50 Hz, full load, at 100% dimming level) xx.x %	9
Electrical protection	Class I
Control gear type	Electronic ballast
Dimmable	Yes
Dimming method	DALI
Minimum dimming level (%)	1
Drive current (mA)	300
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

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Max. products per 13A C Breaker	28
Max. products per 16A C Breaker	36
Max. products per 20A C Breaker	45
Max. products per 10A B Breaker	13
Max. products per 13A B Breaker	17
Max. products per 16A B Breaker	22
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	72000
Lifespan L70 B10	72000
Lifespan L80 B50	72000
Lifespan L80 B10	72000
Lifespan L90 B50	72000
Lifespan L90 B20	50000
Lifespan L90 B10	46000

Physical data

Housing colour	RAL 9016 - Traffic white / Bezel
IP rating	IP20
IK rating	IK07
Diffuser finish	Opal
Diffuser material	PC Polycarbonate
Nominal Product Length (mm)	1150
Nominal Product Width (mm)	87
Nominal Product Height (mm)	87
Weight (kg)	2.984

Packaging

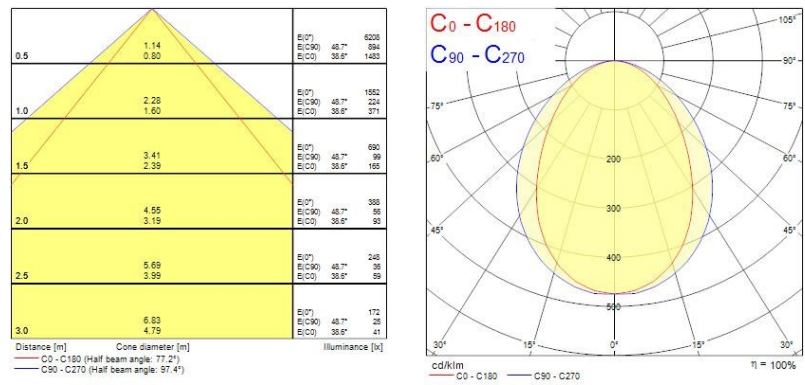
Single packaging type	Carton
Product EAN number	5410288512761
Packaging single length / height (cm)	116.1
Packaging single width (cm)	10.3
Packaging single depth (cm)	9.9
DUN14 (outer)	05410288512761
Units per outer package	1
Packaging outer length / height (cm)	116.1
Packaging outer width (cm)	10.3
Packaging outer depth (cm)	9.9

Safety data

Optimal operating condition (°C)	-25-40
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PHOTOMETRY



TECHNICAL DRAWINGS

