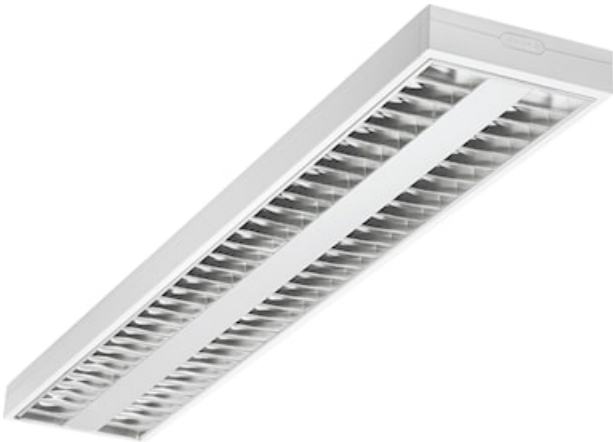


RANA NEO 6800LM S 1200 830 CC 2L WHITE

Item No: 0054234



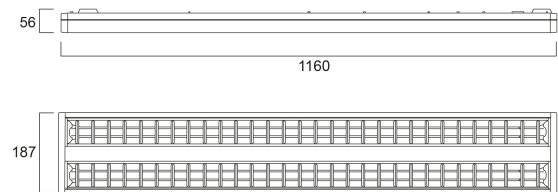
PRO



Surface or Suspended LED luminaire with Micro Prismatic Optic, Direct Light Distribution, Luminaire Dimensions: 1160x187x56mm, White body colour, IP20, IK07, Constant Current, Low LED flicker (+/-5%), Warm White (3000K) LED Colour Temperature, 6800lm, 57W, 119lm/W efficacy, CRI>80, 3 SDCM (3-step MacAdam ellipse) LED Colour Consistency, UGR<18, Luminance at 65° < 3000 cd/m2, Lifespan: 96,000 hours L80B20, Quick electrical connection with push-connectors in the luminaire, Glow Wire Test 850°C.

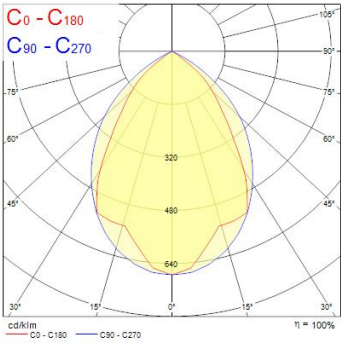
Technical Assets

Dimensions (mm)



Photometrics

Distance [m]	Cone diameter [m]	Beam angle [°]	Beam diameter [m]	Beam area [m²]	Beam flux [lm]	Beam illuminance [lx]
0.5	0.30	68.8°	0.68	0.29	15470	53400
1.0	0.60	68.8°	1.37	1.16	3810	3280
1.5	0.90	68.8°	2.05	3.28	2550	775
2.0	1.20	68.8°	2.74	7.50	1550	205
2.5	1.50	68.8°	3.42	13.7	775	56
3.0	1.80	68.8°	4.11	26.8	381	14



RANA NEO 6800LM S 1200 830 CC 2L WHITE

Item No: 0054234



General data

Product name	RANA NEO 6800LM S 1200 830 CC 2L WHITE
Technology	LED (3 SDCM)
Cap/Base	N/A
Housing	Steel
Mount	Ceiling surface mounting, Suspended
General application	Education, Office
Operating temperature range (°C)	0°C...+25°C
Performance ambient temperature Tq (°C)	25
ETIM Class	EC002892
Warranty	5 years

Optical data

Useful luminous flux (Φuse)	6800
Fixture luminous flux (lm)	6800
Luminous flux (lm)	6800
Luminaire efficacy (lm/W)	119
Correlated colour temperature (k)	3000
Light colour	Warm White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM3
Glare control	< 18
Photobiological Risk Group	RG0

Electrical data

Total power consumption (W)	57
Primary Supply/Product voltage - min (V)	220
Primary Supply/Product voltage - max (V)	240
Lamp power factor	0.95
Electrical protection	Class I
Control gear required	No
Control gear type	LED driver constant current
Dimmable	No
Dimming method	N/A
Drive current (mA)	300
Inrush Current (A)	12
Inrush Duration (µs)	25
Energy Efficiency Class (A->G) of contained light source	C
Nominal Frequency (Hz)	50/60Hz
LED Flickering Rate	Ultra low (5% or less)
Max. products per 10A C Breaker	24
Max. products per 13A C Breaker	32
Max. products per 16A C Breaker	39
Max. products per 20A C Breaker	49
Max. products per 10A B Breaker	24
Max. products per 13A B Breaker	32
Max. products per 16A B Breaker	39
Max. products per 20A B Breaker	49

Lifetime data

Lifespan L70 B50	100000
Lifespan L80 B20	96000

RANA NEO 6800LM S 1200 830 CC 2L WHITE

Item No: 0054234



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)	1160
Nominal Product Width (mm)	187
Nominal Product Height (mm)	47
Weight (kg)	3.2

Packaging

Product EAN number	5410288542348
Packaging single length / height (cm)	153.5
Packaging single width (cm)	6.5
Packaging single depth (cm)	21.0
DUN14 (inner)	05410288542348
Units per outer package	1
Packaging outer length / height (cm)	153.5
Packaging outer width (cm)	6.5
Packaging outer depth (cm)	21.0

Safety data

Glow Wire Test (°C)	850
---------------------	-----