

Features

• Unique stylish recessed modular Led luminaire, ideal for general indoor lighting applications such as breakout areas, offices and meeting rooms. Steel frame with integrated reflector, passive cooling. Low glaring UGR<16. RG1, 75 degree beam angle , optical system: white painted reflector with total internal reflection lenses. Light color temperature: 4000K Neutral White, total system power: 36W , total fixture output: 4600lm, efficacy: 128 lm/W, Ra80 typical, LED chromacity: 3 step MacAdam ellipse (SDCM3), lifespan: 77,000 hours at 80% of the original output (L80B20), IR/UV free light source without heat radiation, operating voltage: 220-240V / 50-60Hz, low flicker, SylSmart SSC dimmable driver, electrical protection: Class I. Degree of Protection: IP40/IP20, suitable for indoor environment only. Not compatible with surface mounting frames. Nominal size: 595x595mm, Loop in / loop out wiring, saftey cables included, 18mm nominal height, RAL 9003 - Signal white color frame, weight: 4,8Kg.

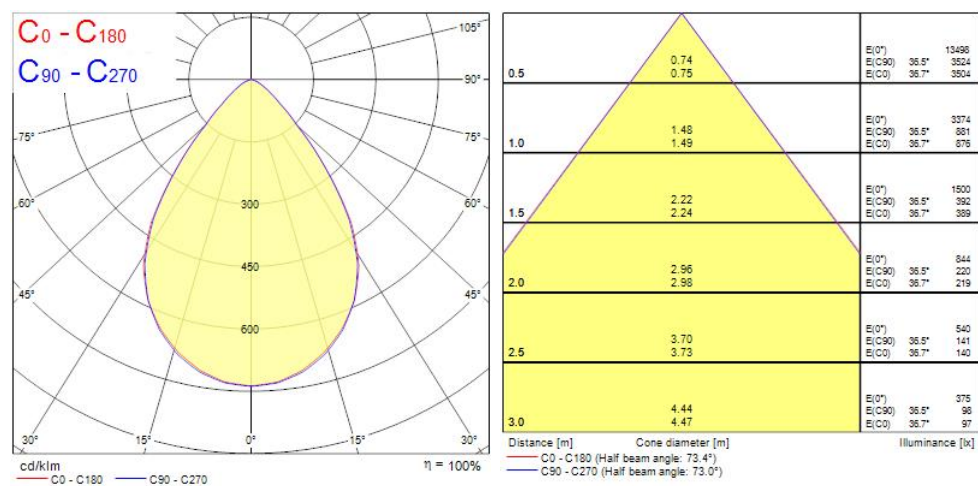
Product Overview

Product name	QUADRO UGR16 600x600 4600LM 840 SSC
Technology	LED
Cap/Base	N/A
Housing	Steel
Mount	Ceiling recessed mounting
Fixture luminous flux (lm)	4600
Luminaire efficacy (lm/W)	128
LOR (%)	100
Colour temperature (K)	4000
Light colour	Neutral White
CRI (Ra)	80

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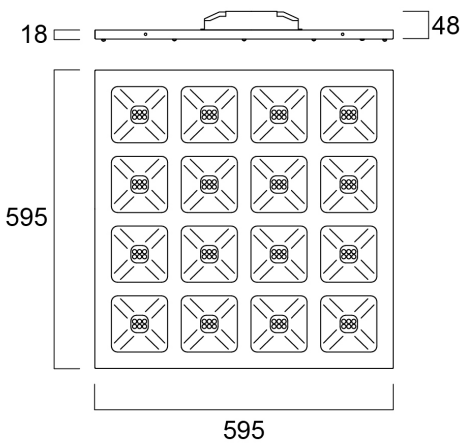
Colour Variation Initial (SDCM)	3
Glare control	< 16
Photobiological Risk Group	RG1
Total power consumption (W)	36
Electrical protection	Class I
Control gear type	LED driver constant current
LED Flickering Rate	Ultra low (5% or less)
Housing colour	RAL 9003 - Signal white
IP rating	IP40/20
IK rating	IK08
Product EAN number	5410288470276
Warranty	5 years

Photometry



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Technical drawings



Data table

GENERAL DATA

Product name	QUADRO UGR16 600x600 4600LM 840 SSC
Technology	LED
Cap/Base	N/A
Housing	Steel
Mount	Ceiling recessed mounting
Operating temperature range (°C)	-10°C...+35°C
Performance ambient temperature Tq (°C)	25
Warranty	5 years

OPTICAL DATA

Fixture luminous flux (lm)	4600
Luminaire efficacy (lm/W)	128
LOR (%)	100
Colour temperature (K)	4000
Light colour	Neutral White

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CRI (Ra)	80
Colour Variation Initial (SDCM)	3
Glare control	< 16
Photobiological Risk Group	RG1
Lumen maintenance at end of nominal life (%)	70

ELECTRICAL DATA

Total power consumption (W)	36
Primary Supply/Product voltage - min (V)	220
Lamp power factor	0.95
Electrical protection	Class I
Control gear required	No
Control gear type	LED driver constant current
Drive current (mA)	155
Inrush Current (A)	40
Inrush Duration (µs)	150
Glow Wire Test (°C)	650
Energy Efficiency Class (A->G) of contained light source	E
Nominal Frequency (Hz)	50/60Hz
LED Flickering Rate	Ultra low (5% or less)
Max. products per 10A C Breaker	38
Max. products per 20A B Breaker	64
Connectable conductor cross section - Max (mm²)	1.5

LIFETIME DATA

Lifespan L70 B50	100000
Lifespan L80 B20	77000

PHYSICAL DATA

Housing colour	RAL 9003 - Signal white
IP rating	IP40/20



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IK rating	IK08
Diffuser finish	Transparent
Diffuser material	None
Nominal Product Length (mm)	595
Nominal Product Width (mm)	595
Weight (kg)	3.4

PACKAGING

Single packaging type	Carton
Product EAN number	5410288470276
Packaging single width (cm)	60.0
Packaging single depth (cm)	8.0
DUN14 (outer)	05410288470276
Packaging outer length / height (cm)	60.0

SAFETY DATA

Optimal operating condition (°C)	-10-35
Special purpose lamp	No
Dry applications use only	No
Suitable for household illumination	No