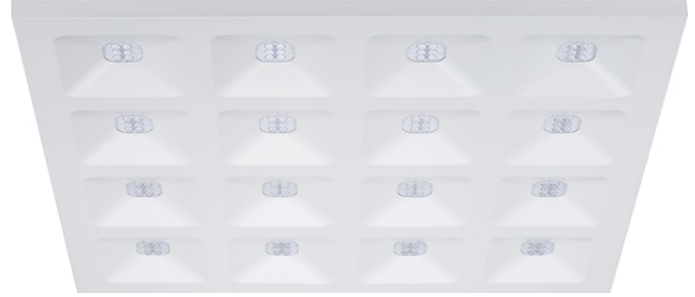
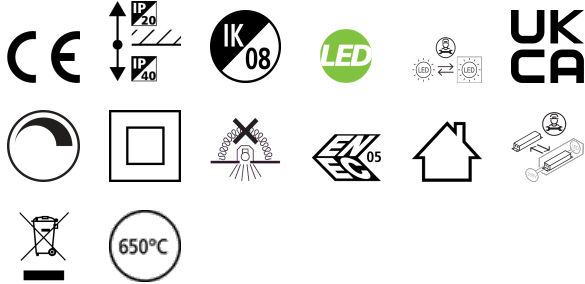


QUADRO 600x600 830 DALI

Item No: 0044702

SYLVANIA

PROTM



QUADRO 600x600 830 DALI 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° beam angle, optical system: white painted reflector with total internal reflection lenses. Light color temperature: 3000K (Warm White), max system power: 34W (900mA), max fixture output: 4500lm, efficacy at max output 132lm/W, max efficacy 140lm/W @ 15W, CRI (Ra) >80 typical, LED chromacity: 3 step MacAdam ellipse (SDCM3), lifespan: 88,000 hours at 80% of the original output (L80B20), IR/UV free light source without heat radiation, operating voltage: 220-240V / 50-60Hz, low flicker, SELV DALI driver, electrical protection: Class II. Ingress protection IP40/IP20, suitable for indoor environment only. Nominal size: 595x595mm, Loop in / loop out wiring, safety cables included, 18mm nominal height, RAL 9003 - Signal white color frame, weight: 3,20kg.

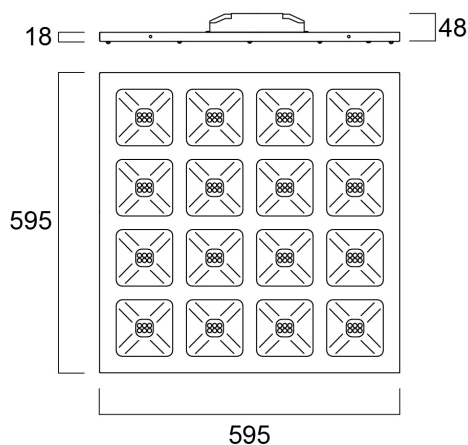
QUADRO 600x600 830 DALI

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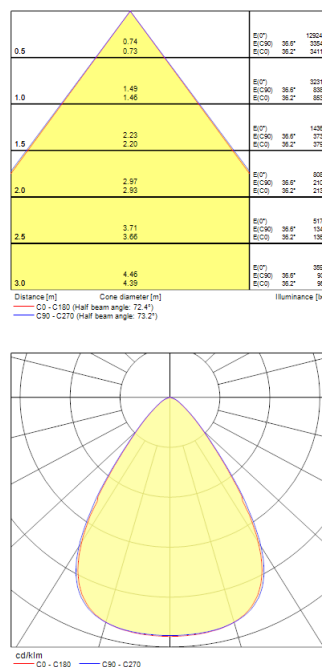
SYLVANIA

Technical Assets

Dimensions (mm)



Photometrics



General data

Product name	QUADRO 600x600 830 DALI
Technology	LED
Cap/Base	N/A
Housing	Steel
Mount	Ceiling recessed mounting, Suspended
Built in presence detector	NONE
General application	Office, Education
Operating temperature range (°C)	-10°C...+45°C
Virtual assistant compatibility	N/A
ETIM Class	EC002892
E-number FI	4279451
Warranty	5 years

Optical data

Fixture luminous flux (lm)	4500
Luminaire efficacy (lm/W)	132
Correlated colour temperature (k)	3000
Light colour	Warm White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM3
Beam Angle (°)	75
Distribution type	Symmetric
Glare control	< 16
Photobiological Risk Group	RG1

QUADRO 600x600 830 DALI

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SYLVANIA

Electrical data

Emergency type	
Total power consumption (W)	34
Primary Supply/Product voltage - min (V)	220.0
Primary Supply/Product voltage - max (V)	240.0
Lamp power factor	0.9
THD (at 230 V, 50 Hz, full load, at 100% dimming level) ≤ xx.x %	15
Electrical protection	Class II
Control gear required	No
Control gear type	LED driver constant current
Dimmable	Yes
Dimming method	DALI-2
Minimum dimming level (%)	1
Drive current (mA)	900
Max. drive current (mA)	900
Drive current - Range (mA)	/ 900mA
Inrush Current (A)	5.5
Inrush Duration (µs)	50
Energy Efficiency Class (A->G) of contained light source	D
Nominal Frequency (Hz)	50/60Hz
LED Flickering Rate	Ultra low (5% or less)
Max. products per 10A C Breaker	37
Max. products per 16A C Breaker	59
Max. products per 10A B Breaker	37
Max. products per 16A B Breaker	59
Connectable conductor cross section - Min (mm²)	0.75
Connectable conductor cross section - Max (mm²)	2.5

Lifetime data

Lifespan L70 B50	100000
Lifespan L80 B20	88000

Physical data

Housing colour	RAL 9003 - Signal white
IP rating	IP40/20
IK rating	IK08
Diffuser finish	Other
Diffuser material	None
Reflector finish	Matt
Nominal Product Length (mm)	595
Nominal Product Width (mm)	595
Nominal Product Height (mm)	18
Weight (kg)	2.669

Packaging

Product EAN number	5410288447025
Packaging single length / height (cm)	60.0
Packaging single width (cm)	3.4
Packaging single depth (cm)	66.9
DUN14 (inner)	15410288447022
Units per outer package	48
Packaging outer length / height (cm)	122.0
Packaging outer width (cm)	81.0
Packaging outer depth (cm)	67.5

Safety data

Glow Wire Test (°C)	650
Optimal operating condition (°C)	-10-45