

Quadro UGR16 600x600 Multipower

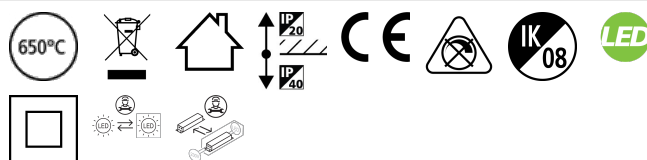
QUADRO UGR16 600x600 MUL TIPOWER 2050-4500LM 830

0047251



Product 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: 3000K Warm White, total system power: 34W, total fixture output: 4500lm, efficacy: 140 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, non-dimmable 8-step Multipower driver (15W 2050lm, 18W 2450lm, 21W 2950lm, 24W 3300lm, 27W 3700lm, 30W 4000lm, 32W 4300lm, 34W 4500lm), electrical protection: Class II. Degree of 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: 3,2Kg.



PRODUCT OVERVIEW

Produktens namn	QUADRO UGR16 600x600 MULTIPOWER 2050-4500LM 830
Technology	LED
Housing	Steel
Montering	Ceiling recessed mounting, Suspended
Generella tillämpningar	Education, Office
ETIM Class	EC002892
E-nummer FI	4278096
Warranty	5 years
Fixture luminous flux (lm)	4500
Luminaire efficacy (lm/W)	132
LOR (%)	100
Färgtemperatur (K)	3000
Light colour	Warm White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM3
Beam Angle (°)	75
Bländningskontroll	< 16
Photobiological Risk Group	RG1
Total energiförbrukning (W)	34
Elskydd	Class II
Driftdon, typ	Electronic ballast multiwatt
Dimbart	Nr
LED Flickering Rate	Ultra low (5% or less)
Housing colour	RAL 9003 - Signal white
IP-klassning	IP40/20
IK-klassning	IK08
EAN-kod	5410288472515
Maxlast (A)	0.23

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DATA TABLE

General data

Produktens namn	QUADRO UGR16 600x600 MULTIPOWER 2050-4500LM 830
Technology	LED
Housing	Steel
Montering	Ceiling recessed mounting, Suspended
Generella tillämpningar	Education, Office
Operating temperature range (°C)	-10°C - 50°C
Performance ambient temperature Tq (°C)	25
ETIM Class	EC002892
E-nummer FI	4278096
Warranty	5 years

Optical data

Fixture luminous flux (lm)	4500
Luminaire efficacy (lm/W)	132
LOR (%)	100
Färgtemperatur (K)	3000
Light colour	Warm White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM3
Beam Angle (°)	75
Spridningstyp	Symmetric
Bländningskontroll	< 16
Photobiological Risk Group	RG1
Lumenbibehållning i slutet av nominell livslängd (lm)	70

Electrical data

Total energiförbrukning (W)	34
Nätspänning (V)	220-240V
Lampans effektfaktor	0.95
THD (at 230 V, 50 Hz, full load, at 100% dimming level) xx.x %	25.0
Nätspänningsfrekvens (Hz)	50/61Hz
Elskydd	Class II
Driftdon krävs	Nr
Driftdon, typ	Electronic ballast multiwatt
No. Of switching cycles before premature failures	>100000
Transformer required	Nr
Dimbart	Nr
Strömstyrka (mA)	155
Inrush Current (A)	40
Inrush Duration (µs)	150
Glödtrådstest	650
Energy Efficiency Class (A->G) of contained light source	E

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Nominal Frequency (Hz)	50/60Hz
LED Flickering Rate	Ultra low (5% or less)
Max. Luminaires per 10A C Breaker	38
Max. Luminaires per 13A C Breaker	48
Max. Luminaires per 16A C Breaker	60
Max. Luminaires per 20A C Breaker	75
Max. Luminaires per 10A B Breaker	32
Max. Luminaires per 13A B Breaker	41
Max. Luminaires per 16A B Breaker	52
Max. Luminaires per 20A B Breaker	64

Lifetime data

Lifespan L70 B50	100000
Lifespan L80 B20	77000

Physical data

Housing colour	RAL 9003 - Signal white
IP-klassning	IP40/20
IK-klassning	IK08
Kupmaterial	None
Längd (mm)	595
Bredd (mm)	595
Höjd (mm)	18.8
Vikt (kg)	3.11
Recessed Depth (mm)	60

Packaging

Förpackningsbeskrivning	Carton
EAN-kod	5410288472515
Förpackningens enkellängd (cm)	60.6
Förpackningens enkelbredd (cm)	2.8
Förpackningens enkelhöjd (cm)	64.5
DUN14 (outer)	15410288472512
Units per outer package	1
Packaging outer length / height (cm)	60.6
Packaging outer width (cm)	2.8
Packaging outer depth (cm)	64.5

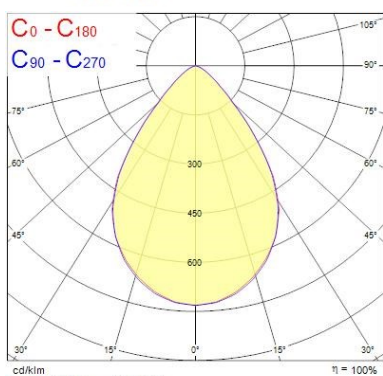
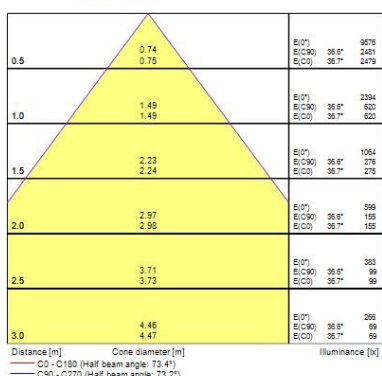
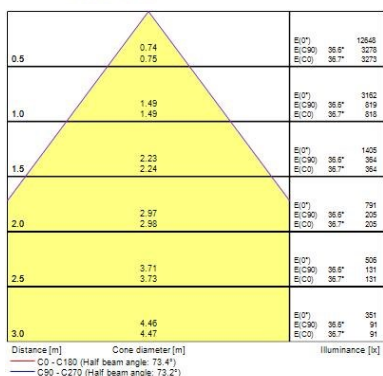
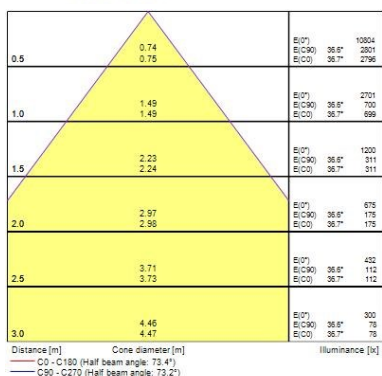
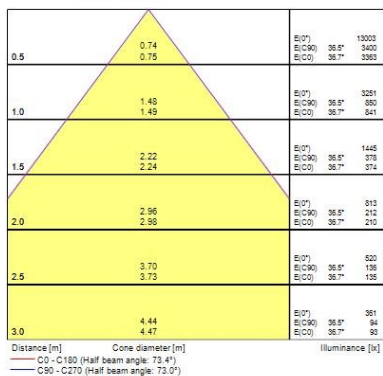
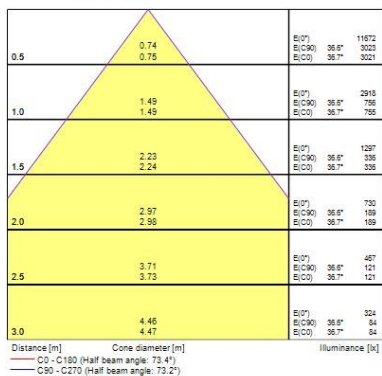
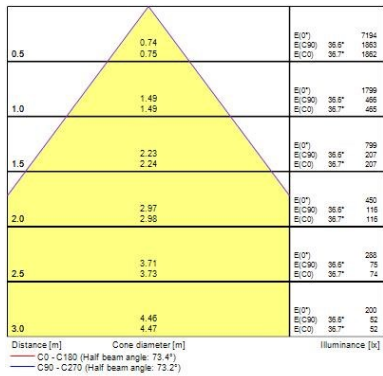
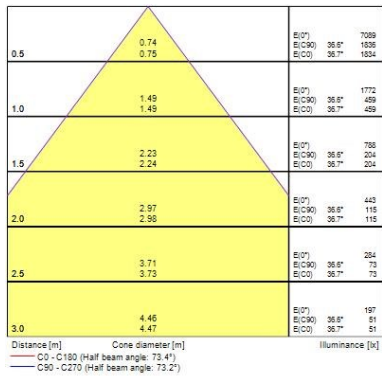
Safety data

Optimalt driftförhållande (°C)	-10-50
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PHOTOMETRY

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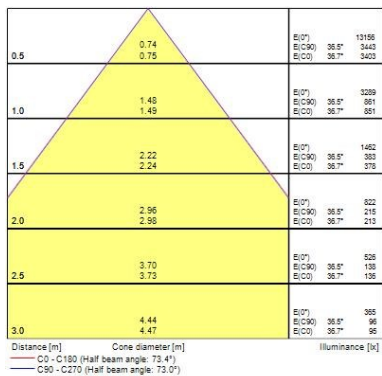
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TECHNICAL DRAWINGS

