

## 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

Product name	QUADRO UGR16 600x600 MULTIPOWER 2050-4500LM 830
Technology	LED
Cap/Base	N/A
Housing	Steel
Mount	Ceiling recessed mounting, Suspended
General application	Education, Office
E-number FI	4278096
Warranty	5 years
Fixture luminous flux (lm)	4500
Luminaire efficacy (lm/W)	132
LOR (%)	100
Colour temperature (K)	3000
Light colour	Warm White
Colour Variation Initial (SDCM)	SDCM3
Beam Angle (°)	75
Glare control	< 16
Photobiological Risk Group	RG1
Max load (A)	0.23
Total power consumption (W)	34
Electrical protection	Class II
Control gear type	Electronic ballast multiwatt
Dimmable	No
Dimming method	N/A
LED Flickering Rate	Ultra low (5% or less)
Housing colour	RAL 9003 - Signal white
IP rating	IP40/20
IK rating	IK08
Product EAN number	5410288472515

## Quadro UGR16 600x600 Multipower

QUADRO UGR16 600x600 MUL TIPOWER 2050-4500LM 830

0047251

### DATA TABLE

#### General data

Product name	QUADRO UGR16 600x600 MULTIPOWER 2050-4500LM 830
Technology	LED
Cap/Base	N/A
Housing	Steel
Mount	Ceiling recessed mounting, Suspended
General application	Education, Office
Operating temperature range (°C)	-10°C...+50°C
Performance ambient temperature Tq (°C)	25
E-number FI	4278096
Warranty	5 years

#### Optical data

Fixture luminous flux (lm)	4500
Luminaire efficacy (lm/W)	132
LOR (%)	100
Colour temperature (K)	3000
Light colour	Warm White
Colour Variation Initial (SDCM)	SDCM3
Beam Angle (°)	75
Distribution type	Symmetric
Glare control	< 16
Photobiological Risk Group	RG1
Lumen maintenance at end of nominal life (%)	70

#### Electrical data

Max load (A)	0.23
Total power consumption (W)	34
Mains voltage (V)	220-240V
Lamp power factor	0.95
THD (at 230 V, 50 Hz, full load, at 100% dimming level) xx.x %	25.0
Electrical protection	Class II
Control gear required	No
Control gear type	Electronic ballast multiwatt
Transformer required	No
Dimmable	No
Dimming method	N/A
Inrush Current (A)	40
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. Luminaires per 10A C Breaker	38
Max. Luminaires per 13A C Breaker	48

## Quadro UGR16 600x600 Multipower *QUADRO UGR16 600x600 MUL TIPOWER 2050-4500LM 830* 0047251

Max. Luminaires per 10A B Breaker	32
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 rating	IP40/20
IK rating	IK08
Diffuser finish	Other
Diffuser material	None
Nominal Product Length (mm)	595
Nominal Product Width (mm)	595
Weight (kg)	3.11
Recessed Depth (mm)	60

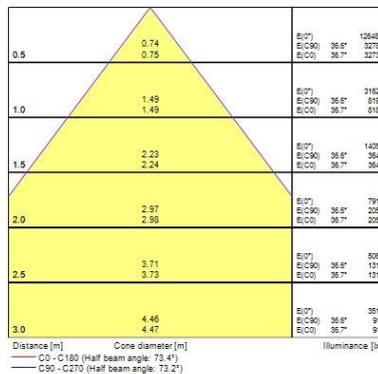
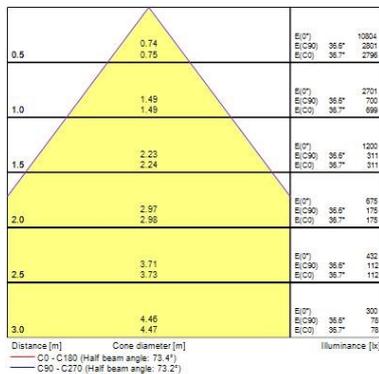
### Packaging

Single packaging type	Carton
Product EAN number	5410288472515
Packaging single length / height (cm)	60.6
Packaging single width (cm)	2.8
Packaging single depth (cm)	64.5
Units per outer package	1
Packaging outer width (cm)	2.8
Packaging outer depth (cm)	64.5

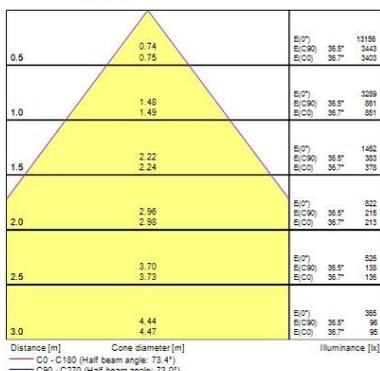
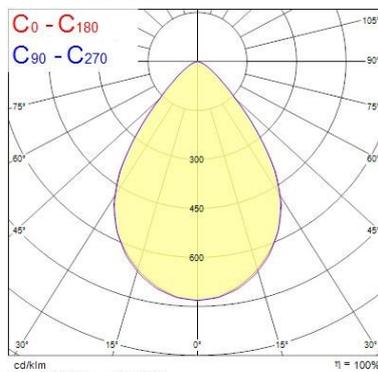
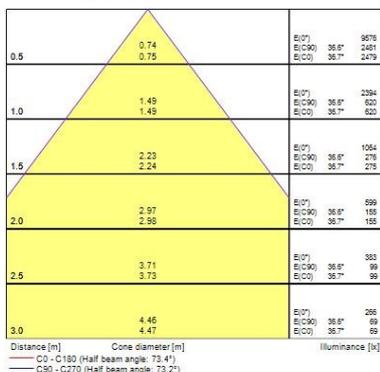
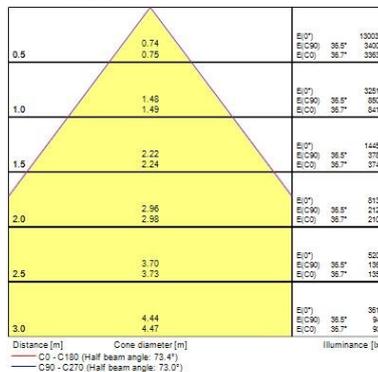
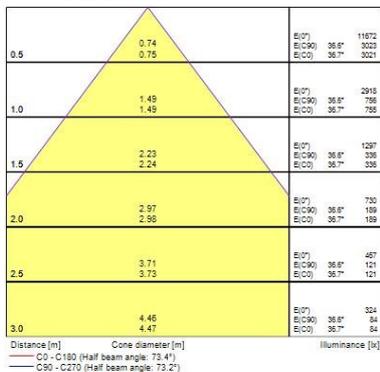
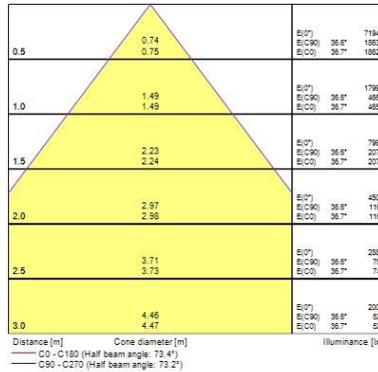
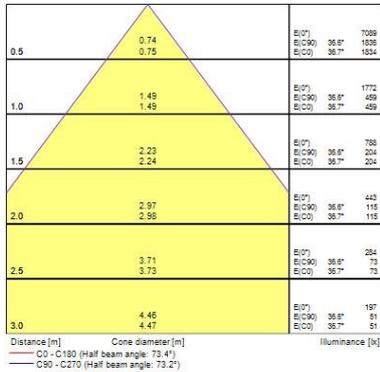
### Safety data

Optimal operating condition (°C)	-10-50
----------------------------------	--------

## PHOTOMETRY



## Quadro UGR16 600x600 Multipower QUADRO UGR16 600x600 MUL TIPOWER 2050-4500LM 830 0047251



## Quadro UGR16 600x600 Multipower

*QUADRO UGR16 600x600 MUL TIPOWER 2050-4500LM 830*

0047251

### TECHNICAL DRAWINGS

---

