

Quadro UGR16 600x600 Multipower

Quadro UGR16 600x600 Multipower 2250-4650Lm 840
0047250

DATA TABLE

General data

Product name	Quadro UGR16 600x600 Multipower 2250-4650Lm 840
Technology	LED
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
ETIM Class	EC002892
E-number FI	4278095
Warranty	5 years

Optical data

Fixture luminous flux (lm)	4650
Luminaire efficacy (lm/W)	137
LOR (%)	100
Colour temperature (K)	4000
Light colour	Neutral White
CRI (Ra)	80
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

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
Mains frequency (Hz)	50/60Hz
Electrical protection	Class II
Control gear required	No
Control gear type	Electronic ballast multiwatt
No. Of switching cycles before premature failures	>100000
Transformer required	No
Dimmable	No
Drive current (mA)	155
Inrush Current (A)	40
Inrush Duration (µs)	150
Glow Wire Test (°C)	650

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Energy Efficiency Class (A->G) of contained light source	D
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 rating	IP40/20
IK rating	IK08
Diffuser material	None
Nominal Product Length (mm)	595
Nominal Product Width (mm)	595
Nominal Product Height (mm)	18.8
Weight (kg)	3.235
Recessed Depth (mm)	60

Packaging

Single packaging type	Carton
Product EAN number	5410288472508
Packaging single length / height (cm)	65.5
Packaging single width (cm)	60.0
Packaging single depth (cm)	3.0
DUN14 (outer)	15410288472505
Units per outer package	48
Packaging outer length / height (cm)	122.0
Packaging outer width (cm)	81.0
Packaging outer depth (cm)	67.5

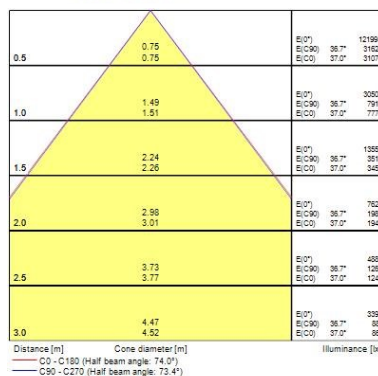
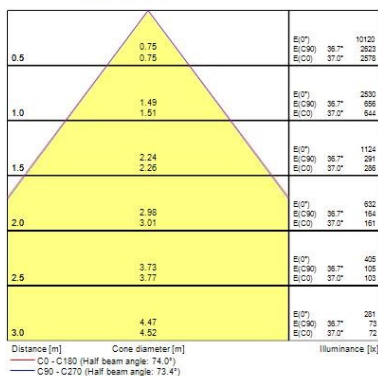
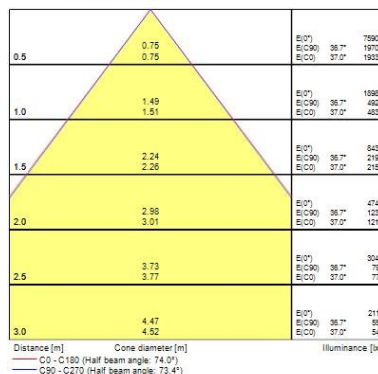
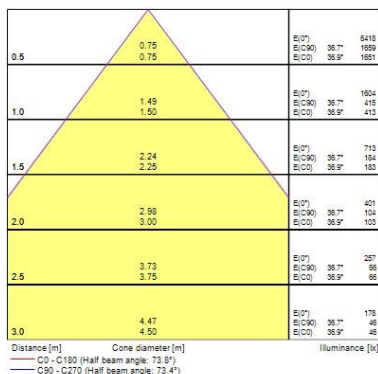
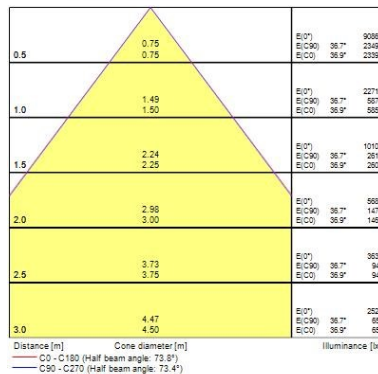
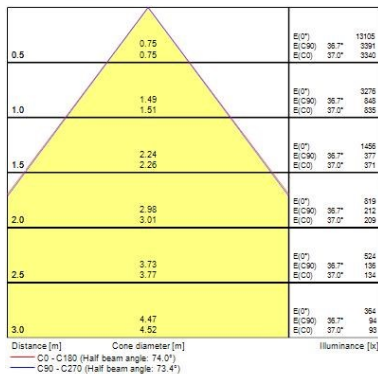
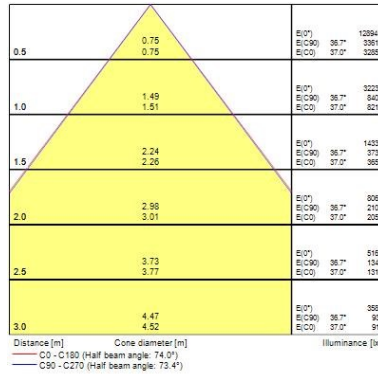
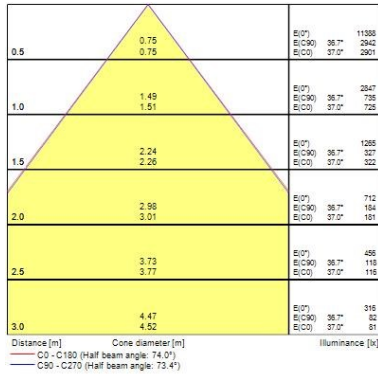
Safety data

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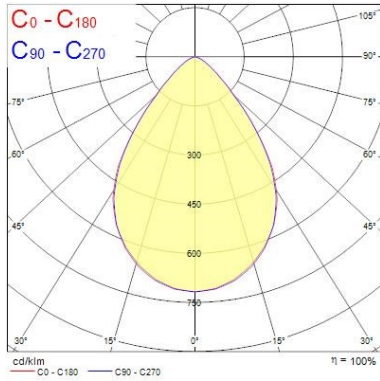
PHOTOMETRY

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TECHNICAL DRAWINGS

