



Features

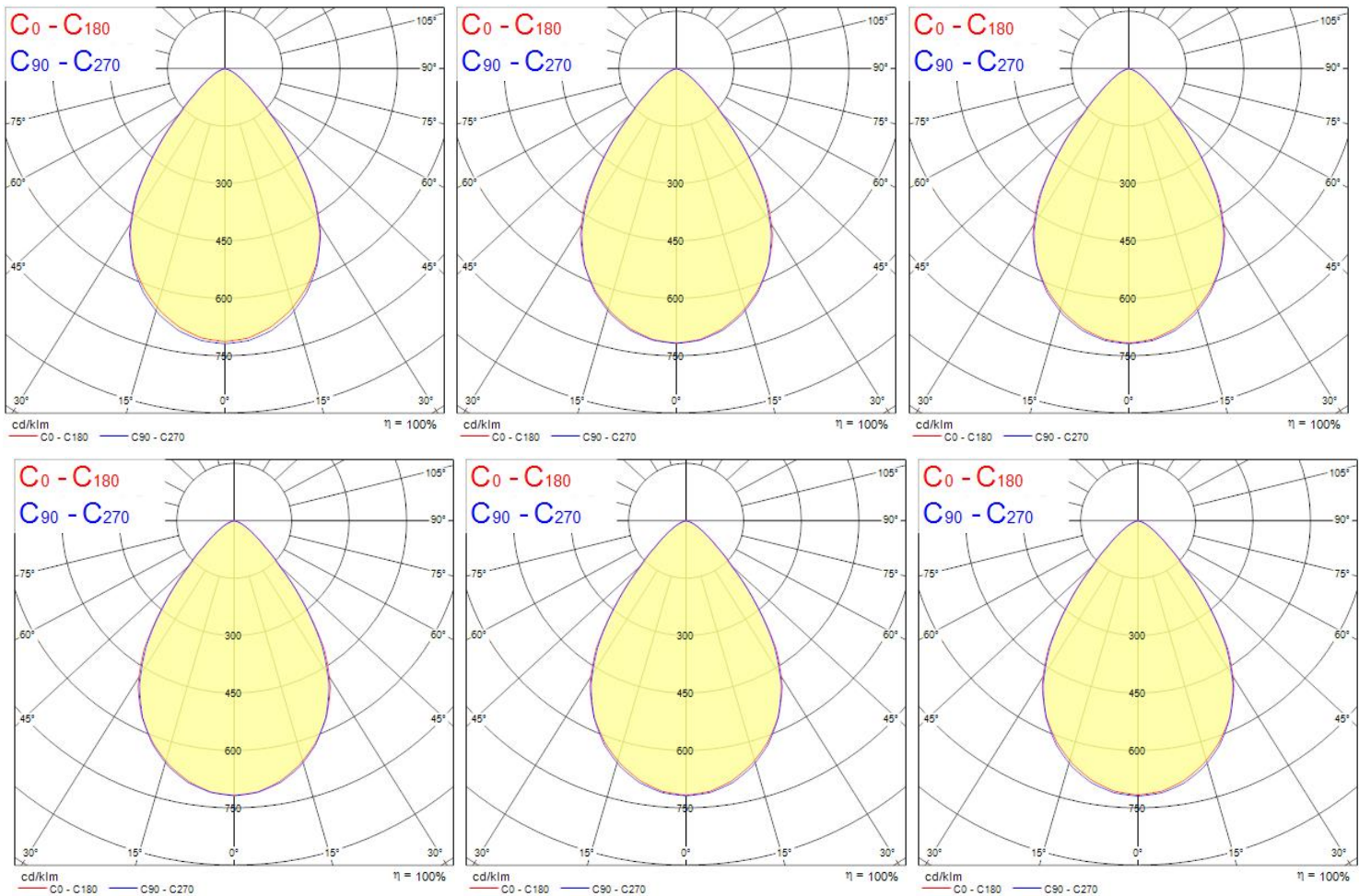
• Quadro is a unique range of recessed architectural panels with low glare of UGR<16 (with low lumen outputs even UGR<12). With the help of DIP Switch multiple lumen outputs can be set in 8 steps (15W 2250lm UGR 11.3, 18W 2650lm UGR 11.9, 21W 3150lm UGR 12.5, 24W 3500lm UGR 12.9, 27W 3950lm UGR 13.3, 30W 4250lm UGR 13.5, 32W 4500lm UGR 13.7, 34W 4650lm UGR 13.8). Max. drive current: 155 mA; Max. power: 34W; Average life: 50.000Hrs; 4000K; CRI 80; Efficacy up to: 150Lm/W; Fixture lumen up to: 4650lm; IK08; IP40 (from the front); Class II; Loop in-Loop out facility with push fit terminal block for quick wiring

Product Overview

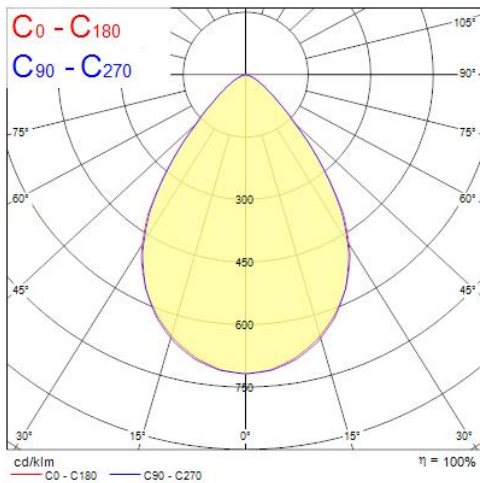
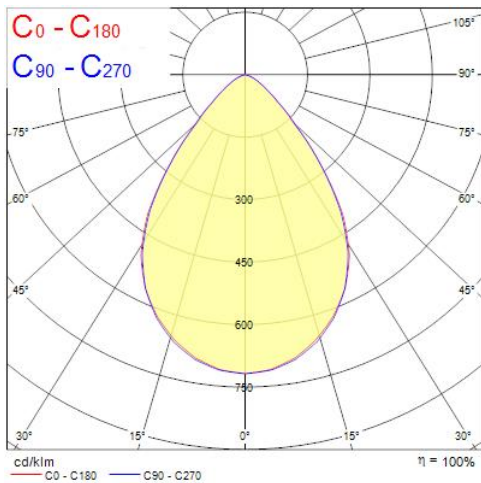
Average life (Nominal) (h)	50000
ETIM Class	EC002892
Luminaire efficacy (lm/W)	137
Product name	Quadro UGR16 625x625 Multipower 2250-4650Lm 840
IP rating	IP40/20
Photobiological Risk Group	RG1
Product EAN number	5410288472560
Colour Consistency (SDCM)	5
Certifications	EUNEW008
Technology	LED
Total power consumption (W)	34
LOR (%)	100
Colour temperature (K)	4000
Glare control	< 16
IK rating	IK08
Mount	Ceiling recessed mounting,Suspended
LED Flickering Rate	Ultra low (5% or less)
Electrical protection	Class II
Colour Variation Initial (SDCM)	5

Control gear type	Electronic ballast multiwatt
Fixture luminous flux (lm)	4650
Dimmable	No
CRI (Ra)	80
Housing colour	RAL 9016 - Traffic white / Bezel
Housing	Steel
General application	Office

Photometry



Quadro UGR16 625x625 Multipower 2250-4650Lm 840 0047256



Distance [m]	Cone diameter [m]	E(0°)	E(C90)	E(CO)	Illuminance [lx]
0.5	0.75 0.75	11105	36.7°	37.0°	3340
1.0	1.49 1.51	3278	36.7°	37.0°	935
1.5	2.24 2.26	1456	36.7°	37.0°	371
2.0	2.98 3.01	819	36.7°	37.0°	209
2.5	3.73 3.77	524	36.7°	37.0°	134
3.0	4.47 4.52	364	36.7°	37.0°	90

Distance [m]	Cone diameter [m]	E(0°)	E(C90)	E(CO)	Illuminance [lx]
0.5	0.75 0.75	11388	36.7°	37.0°	2901
1.0	1.49 1.51	2847	36.7°	37.0°	725
1.5	2.24 2.26	1285	36.7°	37.0°	322
2.0	2.98 3.01	712	36.7°	37.0°	181
2.5	3.73 3.77	456	36.7°	37.0°	116
3.0	4.47 4.52	316	36.7°	37.0°	81

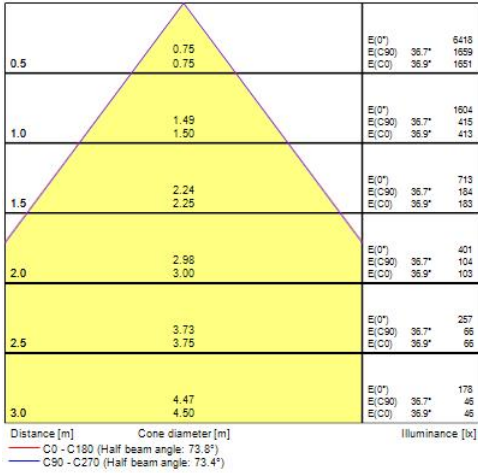
Distance [m]	Cone diameter [m]	E(0°)	E(C90)	E(CO)	Illuminance [lx]
0.5	0.75 0.75	10120	36.7°	37.0°	2578
1.0	1.49 1.51	2830	36.7°	37.0°	644
1.5	2.24 2.26	1124	36.7°	37.0°	286
2.0	2.98 3.01	632	36.7°	37.0°	161
2.5	3.73 3.77	405	36.7°	37.0°	103
3.0	4.47 4.52	281	36.7°	37.0°	72

Distance [m]	Cone diameter [m]	E(0°)	E(C90)	E(CO)	Illuminance [lx]
0.5	0.75 0.75	12894	36.7°	37.0°	3265
1.0	1.49 1.51	3223	36.7°	37.0°	821
1.5	2.24 2.26	1433	36.7°	37.0°	365
2.0	2.98 3.01	806	36.7°	37.0°	205
2.5	3.73 3.77	516	36.7°	37.0°	131
3.0	4.47 4.52	358	36.7°	37.0°	91

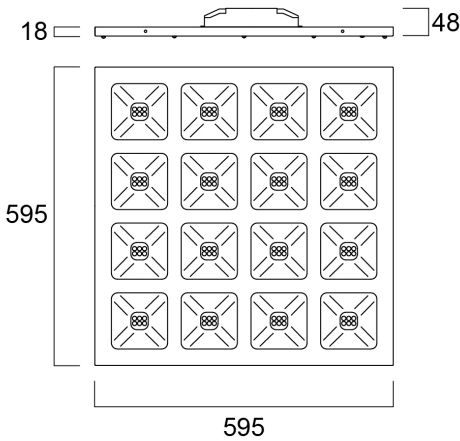
Distance [m]	Cone diameter [m]	E(0°)	E(C90)	E(CO)	Illuminance [lx]
0.5	0.75 0.75	9286	36.7°	36.9°	2339
1.0	1.49 1.50	2271	36.7°	36.9°	585
1.5	2.24 2.25	1010	36.7°	36.9°	250
2.0	2.98 3.00	558	36.7°	36.9°	145
2.5	3.73 3.75	363	36.7°	36.9°	94
3.0	4.47 4.50	252	36.7°	36.9°	65

Distance [m]	Cone diameter [m]	E(0°)	E(C90)	E(CO)	Illuminance [lx]
0.5	0.75 0.75	12198	36.7°	37.0°	3107
1.0	1.49 1.51	3050	36.7°	37.0°	777
1.5	2.24 2.26	1355	36.7°	37.0°	345
2.0	2.98 3.01	762	36.7°	37.0°	194
2.5	3.73 3.77	488	36.7°	37.0°	124
3.0	4.47 4.52	339	36.7°	37.0°	86

Distance [m]	Cone diameter [m]	E(0°)	E(C90)	E(CO)	Illuminance [lx]
0.5	0.75 0.75	7590	36.7°	37.0°	1933
1.0	1.49 1.51	1896	36.7°	37.0°	483
1.5	2.24 2.26	843	36.7°	37.0°	215
2.0	2.98 3.01	474	36.7°	37.0°	121
2.5	3.73 3.77	304	36.7°	37.0°	77
3.0	4.47 4.52	211	36.7°	37.0°	54



Technical drawings



Data table

GENERAL DATA

Product name	Quadro UGR16 625x625 Multipower 2250-4650Lm 840
Technology	LED
Housing	Steel
Mount	Ceiling recessed mounting, Suspended
General application	Office

Operating temperature range (°C)	-10°C - 50°C
Certifications	EUNEW008
ETIM Class	EC002892

OPTICAL DATA

Fixture luminous flux (lm)	4650
Luminaire efficacy (lm/W)	137
LOR (%)	100
Colour temperature (K)	4000
CRI (Ra)	80
Colour Variation Initial (SDCM)	5
Colour Consistency (SDCM)	5
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
Starting time (max) (s)	<0.5
Mains voltage (V)	220-240V~
Lamp power factor	0.95
THD (at 230 V, 50 Hz, full load, at 100% dimming level) ≤ xx.x %	12.0
Mains frequency (Hz)	50/64Hz
Electrical protection	Class II
Control gear required	No
Control gear type	Electronic ballast multiwatt
No. Of switching cycles before premature failures	100000
Dimmable	No
Drive current (mA)	155
Inrush Current (A)	40
Nominal Frequency (Hz)	50/60Hz
LED Flickering Rate	Ultra low (5% or less)

LIFETIME DATA

Lumen maintenance - L70 B50	50000
Lumen maintenance - L80 B50	35000
Lumen maintenance - L90 B50	17000
Average life (Nominal) (h)	50000
Average life (Rated) (h)	50000

PHYSICAL DATA

Housing colour	RAL 9016 - Traffic white / Bezel
IP rating	IP40/20
IK rating	IK08
Diffuser material	None
Nominal Product Length (mm)	620
Nominal Product Width (mm)	620
Nominal Product Height (mm)	18.8
Weight (kg)	2.77
Maximum Surface Load (Kg)	4
Recessed Depth (mm)	60

PACKAGING

Single packaging type	Carton
Product EAN number	5410288472560
Packaging single length / height (cm)	62.8
Packaging single width (cm)	2.8
Packaging single depth (cm)	66.8
DUN14 (outer)	15410288472567
Units per outer package	48
Packaging outer length / height (cm)	129.7
Packaging outer width (cm)	75.0
Packaging outer depth (cm)	69.0

SAFETY DATA


Special purpose lamp	No
Dry applications use only	No


Suitable for household illumination

No

Energy label

SYLVANIA 0047256

 This luminaire contains built-in LED lamps

 } LED

The lamps cannot be changed in the luminaire.

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