

UNICO Q9 basic

trim

090-7Q953F0021 090-7Q9020B



Project / Type

Notes

Count / Date



General

Ceiling | Recessed

chrome reflector

Mounting set jet black

IP20

3160 lm

LED

3000 K

CRI \geq 90

L90 / 50000 h

initial MacAdam \leq 3 SDCM

R_g: 100 | R_f: 92 | R_{f(1-15)}: 91

MR 0.64 | MDER 0.58

Optical

flood square | beam angle 56°

UGR \leq 19 | \geq 65° <3000 cd/m²

PstLM \leq 1.0¹ | SVM \leq 0.4¹

Electrical

DALI-2 | 1 DALI Addr.

PC2 | 220-240 V

system 29.9 W

system 106 lm/W²

Physical

trim

length 138 mm | width 138 mm | height 51 mm

0.7 kg

Cutout

length 130 mm | width 130 mm

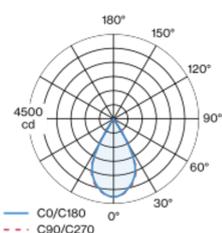
min. ceiling thickness 2 mm | max. ceiling thickness 25 mm

recessed depth 90 mm

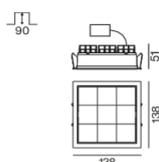
¹ Value of containing product at full load (undimmed)

² incl. consideration of optical losses, internal control unit losses & operating device efficiency

Light distribution



Product drawing



Installation instructions



Lighting calculator



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Maintenance Factors

Operating Time [h]	10 000	20 000	30 000	40 000	50 000
LLMF	0.96	0.95	0.95	0.94	0.93
LSF	1	1	1	1	1

MF	LMF × RSMF × LLMF × LSF	RSMF ^a	Room Surface Maintenance Factor
MF	Maintenance Factor	LLMF	Lamp Lumens Maintenance Factor
LMF ^a	Luminaire Maintenance Factor	LSF	Lamp Survival Factor

^a According to "CIE 97, Maintenance of indoor electric lighting systems", 2005, ISBN 3-900-734-34-8. The values must be determined by the planner.

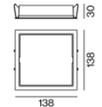
Circuit Breaker Types

Automatic Circuit Breaker Type	Number of Fixtures
B10	37
B16	60
C10	37
C16	60

Components

MOUNTING SET with trim

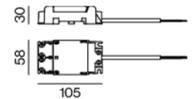
TYPE	COLOUR	L-W-H (MM)	ARTICLE NUMBER(S)
for intermediate ceilings	jet black	138-138-30	090-7Q9020B



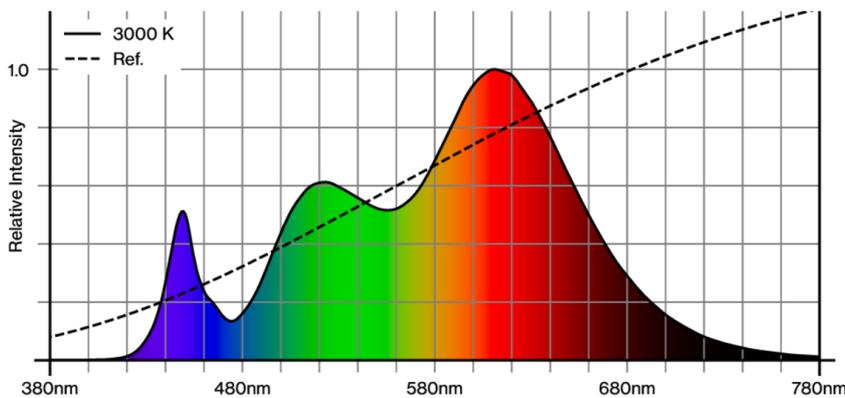
Mounting accessories

THROUGH WIRING CONNECTION BOX

TYPE	L-W-H (MM)	ARTICLE NUMBER(S)
non DIM cable ø 4 – 12 mm	105-58-30	005-2531110
DALI cable ø 4 – 12 mm	105-58-30	005-2551110



Colour rendering



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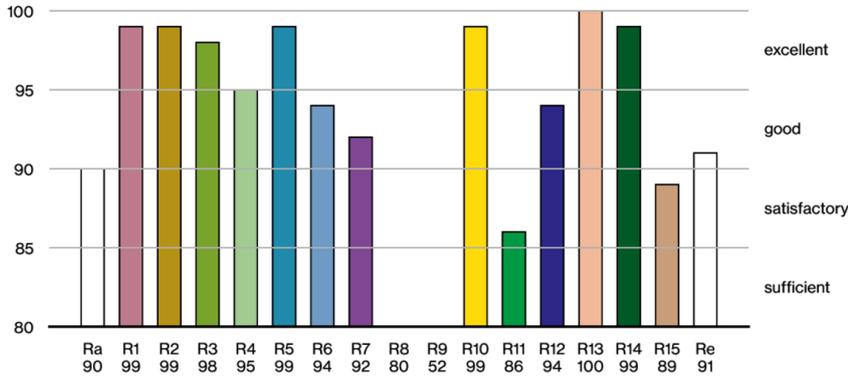


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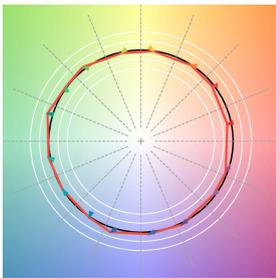
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CRI/R_a ≥ 94 R_e ≥ 91 (3000 K)



TM30 colour vector graphic



The black line represents the black body reference. The red line indicates the results of the test light source. The deviation from the test light source to the reference is shown and is marked by arrows. The shorter the arrows, the higher the color rendering.