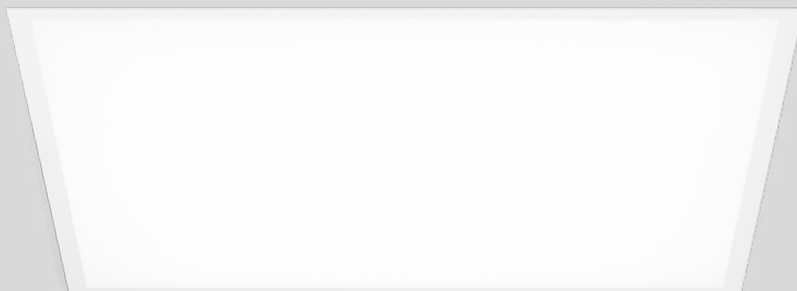


COMBO SQUARE

trim

xal.com/combo



Quickinfo

GENERAL

recessed
IP20

LED

Mid-power LED
up to 122lm/W
3000K, 4000K
CRI ≥ 80
Binning initial ≤ 3 MacAdam

ESTIMATED LED LIFETIME

L80/50000h

OPTICAL

direct illumination
PMMA cover opal
microprismatic (UGR < 19)

ELECTRICAL

non DIM, DIM DALI
DALI: CLO
emergency light 1h / 3h

PHYSICAL

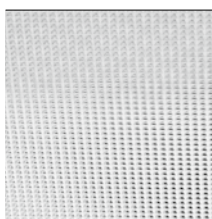
aluminium
powder-coated
halogen-free cable

Description

DE Quadratischer Leuchtenkörper aus Aluminium mit umlaufendem Rand; geeignet für den Einbau in Gipskartondecken; geeignet für Deckenstärken von 10-25 mm; Oberfläche weiß pulverbeschichtet; Leuchtgehäuse für Deckeneinbau vorab lieferbar; Lichteinsatz bestehend aus Konvertereinheit und Platineneinheit; werkzeuglose mechanische Verbindung mittels Drehverschluss; elektrische Verbindung mittels verpolungssicherem Steckersystem; hochreflektierende Beschichtung für verbesserten Wirkungsgrad; absolut homogen ausgeleuchtete, satinierte oder mikroprismatische PMMA-Abdeckung; bildschirmtaugliche Arbeitsplatzleuchte nach DIN EN 12464-1 (UGR < 19); Abdeckung werkzeuglos abnehmbar für einfache Wartung; gleiche Leuchtdichte bei allen Flächenleuchten; energieeffiziente LEDs mit sehr guter Farbwiedergabe; Binning initial ≤ 3 MacAdam; lieferbar in den Lichtfarben 3000K und 4000K; CRI ≥ 80; min. 80% des Lichtstromes nach 50000h Lebensdauer Leuchte mit 2 Kabelöffnungen und Steckklemme für Durchgangsverdrahtung; Schutzart IP20; SK I; DALI-dimmbar mit CLO-Funktion; optional nicht dimmbar

EN Square aluminium luminaire housing with trim; suitable for installation in plasterboard ceilings; suitable for ceiling thickness of 10-25 mm; surface white powder coated; luminaire housing for ceiling installation available in advance; lighting insert consisting of converter unit and circuit board unit; mechanical connection without tools using twist closure; electrical connection by means of reverse polarity protected plug system; highly reflective coating for improved efficiency; completely homogeneously illuminated, satinised or microprismatic PMMA cover; workplace light suitable for VDUs according to DIN EN 12464-1 (UGR < 19); cover removable without tools for easy maintenance; same luminance for all flat luminaires; energy-efficient LEDs with very good colour rendering; binning initial ≤ 3 MacAdam; available in the light colours 3000K and 4000K; CRI ≥ 80; min. 80% of the luminous flux after 50000 hours; luminaire with 2 cable openings and plug-in terminals for through wiring; protection class IP20; PC I; DALI dimmable with CLO function; optional non-dimmable

Features



microprismatic
(UGR < 19)

Standard configuration

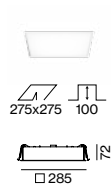
COLOUR TEMPERATURE ⋮
3000K 5

CONTROL ↕
non DIM 1

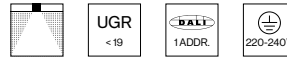
MATERIAL COLOUR
white



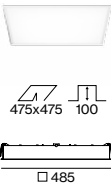
LIGHT OPTIC COVER ☑
opal 0



COMBO SQUARE 250 trim



| SYSTEM POWER | COLOUR TEMP. | LUMINOUS FLUX | ORDER CODE |
|--------------|--------------|---------------|---|
| 8 W | 3000K | 810lm | 0 6 4 - 1 2 3 1 ⋮ ↕ 7 ☑ |
| | 4000K | 860lm | |



COMBO SQUARE 450 trim



| SYSTEM POWER | COLOUR TEMP. | LUMINOUS FLUX | ORDER CODE |
|--------------|--------------|---------------|---|
| 24 W | 3000K | 2710lm | 0 6 4 - 1 2 4 1 ⋮ ↕ 7 ☑ |
| | 4000K | 2880lm | |

Extended configuration

COLOUR TEMPERATURE ⋮
4000K 6

CONTROL ↕
DIM DALI / CLO 3

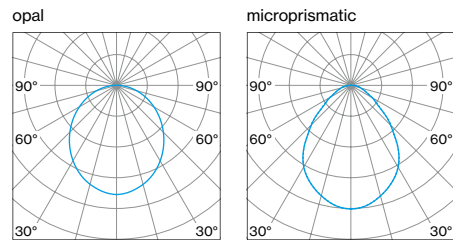
LIGHT OPTIC COVER ☑
microprismatic (UGR < 19) P

Options on request

COLOUR RENDERING INDEX
CRI ≥ 90

EMERGENCY LIGHT
1h accupack
3h accupack

LIGHT DISTRIBUTION



Inspiration

Erzherzog Johann Weine
Ehrenhausen, Austria

ARCHITECT
DI Johann Oster
St. Georgen/Stiefing, Austria

LIGHTING DESIGN
TB Petar GmbH
Gleinstätten, Austria

PRODUCT
COMBO SQUARE trim



