

CUBIC ACOUSTIC CLUSTER



DE

Systembaukasten für Decken aus direktstrahlenden LED Lichtmodulen und reinen Akustikmodulen mit akustisch wirksamem, opalem Spanntextil.

Leuchtenkörper aus Aluminium-Strangpress-Profil silbermatt natureloxiert.

LED-Konverter wahlweise schaltbar oder dimmbar (1-10V, DALI, Touch-Dim). Werkseitige Konverterprogrammierung ermöglicht unterschiedliche Lichtstromoptionen.

Standard LED-Farbtemperatur 3000K und 4000K. Auf Wunsch 2200K, 2700K, 3500K, 5000K, 6500K. Enge Farbtoleranz MacAdam 3.

Licht- und Akustikmodule als hochwirksame Breitbandabsorber zur Regulierung der Nachhallzeit. Wahlweise einzeln montierbar oder zu Clustern mit unterschiedlichen Konfigurationen verknüpfbar. Einheitliches Design in ausgeschaltetem Zustand garantiert aufgeräumtes Deckenbild.

Lichtstromrückgang auf 80% des Ursprungswertes bei 50000h (L80B10 bei 25°C und max. Medium-Power). 5 Jahre Garantie auf LED-Module und LED-Betriebsgeräte.

Beachten Sie die Übersicht `optionale Ausführungen`

EN

Modular system for ceilings consisting of acoustic only modules and LED modules with direct light distribution and acoustically effective, opal fabric.

Luminaire body made of aluminium-profile. Matt silver anodised.

LED drivers which can optionally be switched or dimmed (1-10V, DALI, Touch-Dim). Factory programming offers different lumen output levels.

Standard LED colour temperature 3000K and 4000K. On request 2200K, 2700K, 3500K, 5000K, 6500K. MacAdam 3 step binning.

Acoustic and LED modules to be highly effective absorbers regulating the reverberation time. Possible to install as single version or in clusters with different configurations. Uniform design guarantees uncluttered ceiling look even in power-off state.

80% of initial output for 50000 operating hours (L80B10 at 25°C and max. Medium-Power). 5 year warranty on all LED boards and LED drivers.

Refer to "options" overview

FR

Système modulaire pour plafond fait de modules acoustiques et LEDs avec un éclairage direct. Module acoustique très efficace, textile opale.

Corps en aluminium extrudé, gris mat anodisé.

Convertisseur LED au choix: commutable ou graduable (1-10V, DALI, Touch-Dim). Programmation en usine offrant différentes options de flux lumineux.

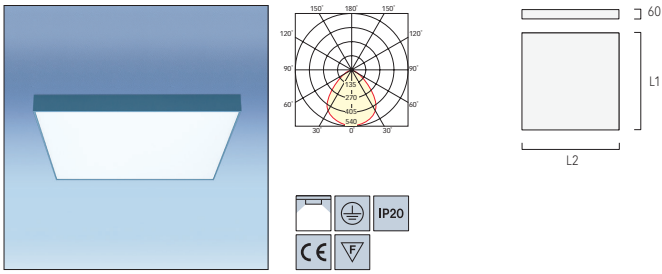
Température de couleur LED standard 3000K ou 4000K. Sur demande: 2200K, 2700K, 3500K, 5000K, 6500K (MacAdam 3).

Les modules acoustiques et LEDs sont des absorbeurs très efficaces régissant le temps de réverbération. Installation simple ou en grappe possible avec différentes configurations. Design uniforme garanti avec une conception de plafond épuré.

50 000 heures de fonctionnement avec une utilisation à 80% de la puissance (L80B10 à 25°C et max. Medium-Power). 5 ans de garantie sur tous les modules LED et convertisseurs LED.

Voir les différentes options

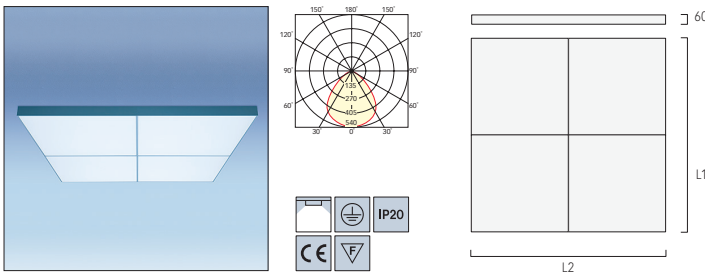
CUBIC ACOUSTIC CLUSTER SINGLE / DIRECT



| L1 | L2 | LUMEN/WATT | CODE | KG |
|----------------------------|-----|-------------|--|-----|
| ACOUSTIC ONLY: | | | | |
| 600 | 600 | - | CA9CE-C1x1-W | 4,0 |
| ACOUSTIC-LIGHT: | | | | |
| 600 | 600 | 4300lm/45W* | CA9CEE-##M-C1x1-W | 4,0 |
| CONTROL | | | E: NON DIMMABLE, D: DIM 1-10V, L: DIM DALI, H: TOUCH-DIM | |
| LED COLOUR TEMPERATURE ### | | | 830: 3000K, 840: 4000K | |

*Leuchtenlichtstrom bei 4000K | Luminaire luminous flux at 4000K | Flux de luminaire à 4000K

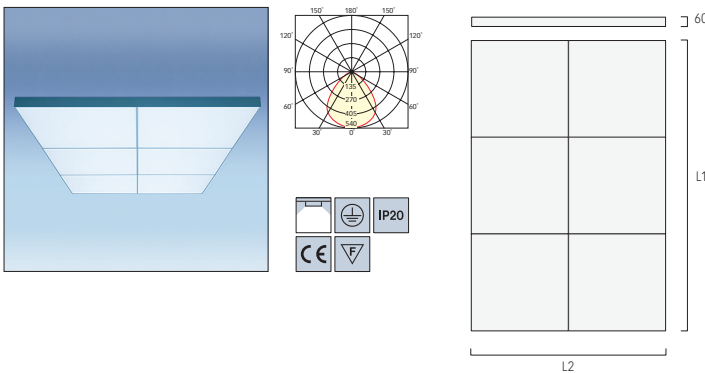
CUBIC ACOUSTIC CLUSTER 2x2 / DIRECT



| L1 | L2 | LUMEN/WATT | CODE | KG |
|----------------------------|------|---------------|--|------|
| ACOUSTIC ONLY: | | | | |
| 1200 | 1200 | - | CA9CE-C2x2-W | 16,0 |
| ACOUSTIC-LIGHT: | | | | |
| 1200 | 1200 | 4x4300lm/45W* | CA9CEE-##M-C2x2-W | 16,0 |
| CONTROL | | | E: NON DIMMABLE, D: DIM 1-10V, L: DIM DALI, H: TOUCH-DIM | |
| LED COLOUR TEMPERATURE ### | | | 830: 3000K, 840: 4000K | |

*Leuchtenlichtstrom bei 4000K | Luminaire luminous flux at 4000K | Flux de luminaire à 4000K

CUBIC ACOUSTIC CLUSTER 2x3 / DIRECT



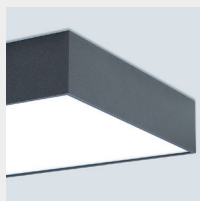
| L1 | L2 | LUMEN/WATT | CODE | KG |
|----------------------------|------|---------------|--|------|
| ACOUSTIC ONLY: | | | | |
| 1800 | 1200 | - | CA9CE-C2x3-W | 16,0 |
| ACOUSTIC-LIGHT: | | | | |
| 1800 | 1200 | 6x4300lm/45W* | CA9CEE-##M-C2x3-W | 16,0 |
| CONTROL | | | E: NON DIMMABLE, D: DIM 1-10V, L: DIM DALI, H: TOUCH-DIM | |
| LED COLOUR TEMPERATURE ### | | | 830: 3000K, 840: 4000K | |

*Leuchtenlichtstrom bei 4000K | Luminaire luminous flux at 4000K | Flux de luminaire à 4000K

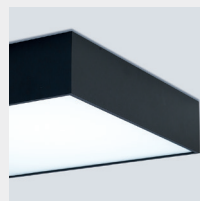
OPTIONAL



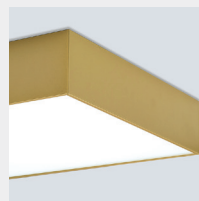
WHITE KROKO



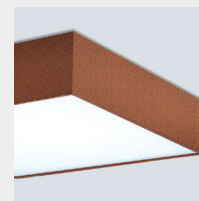
SPARKLING ANTHRACITE



BLACK RAVEN



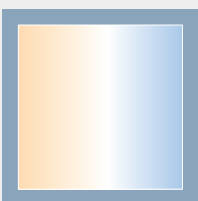
MAJESTIC GOLD



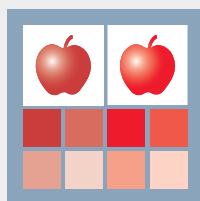
COZY COPPER



STALWART RUST



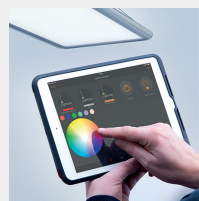
ALTERNATIVE COLOUR TEMPERATURES:
2200K/ 3500K/ 6500K



LEDS WITH HIGHER CRI
Ra>90



FURTHER SELECTED SURFACE DESIGNS:
SEE PAGE 15



BLUETOOTH MODULE FOR WIRELESS CONTROL



EMERGENCY MODULE WITH 3 HOUR BATTERY



RADAR SENSOR FOR HIGH FREQUENCY MOTION CONTROL