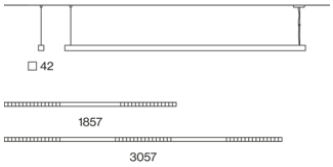


Quickinfo

3000 K, 4000 K, tunable white
2700 - 6500 K
CRI ≥ 80, CRI ≥ 90 / 3 SDCM (initial MacAdam)
UGR ≤ 10, UGR ≤ 13, UGR ≤ 16
up to ↓ 5,530 lm / ↑ 7,850 lm
up to 7,460 lm/m
up to 163 lm/W
L90 / 75000 h
Cover: Lens, Reflector
DALI-2, DALI-2 / DALI-2 ESSENTIAL sensor, DALI-2 D/I separately controllable
IP20

Types



Colours

Reflector

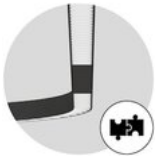
Light distributions



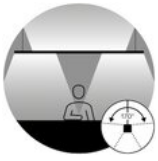
DiiA® standards
251, 252, 253



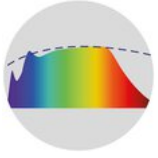
DIN EN 12464-1
UGR ≤ 19



system solution



glare-free direct and 170° indirect illumination



CRI ≥ 98
XPECTRUM
(optional)

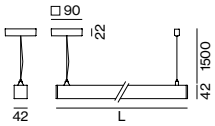
BETO

suspended

EN Luminaire housing from extruded aluminium profile, angular design; extremely slim design (only 42 x 42 mm); no visible screws; surface powder coated; pendant fitting with cable suspension; with integrated toolless suspension height adjustment; spring clip attachment to the luminaire; freely positionable; incl. feeder cable; extruded profile for improved thermal management; high gloss reflector with faceted design; direct / indirect light distribution; indirect light component with integrated PC boards and high quality lens system for maximum, homogeneous ceiling illumination, optionally separately controllable; energy-efficient LEDs with very good colour rendering

DE Leuchtenkörper aus Aluminiumstrangpressprofil, kantige Ausführung; extrem schlanke Bauform (nur 42 x 42 mm); keine sichtbaren Schrauben; Oberfläche pulverbeschichtet; abgependelt mit Seilabhängung; werkzeuglose Höhenverstellung an der Leuchte; Befestigung an der Leuchte mittels Federclips; frei positionierbar; inkl. Einspeiseleitung; Strangpressprofil für verbessertes Thermomanagement; hochglänzender Reflektor mit Facettenoptik; direkt / indirekte Abstrahlcharakteristik; Indirektlichtanteil mit eigenen Platinen und hochwertiger Linsenoptik für maximale, homogene Deckenaufhellung, wahlweise separat steuerbar; energieeffiziente LEDs mit sehr guter Farbwiedergabe





BETO suspended

TUNABLE WHITE | CRI ≥90 | UGR ≤10 | cd/m² ≤1500 | 220-240 V | 1-2 ADDR. | X-PERT | X-PERT | presence | brightness

DIRECT / INDIRECT 2700-6500K POWER CRI ≥ 90, DALI-2 D/I separately controllable

SYSTEM	LENGTH	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
51.0 W	1857 mm	↧ 3000 K/ ↥tunable w.	↧3200/↥3050 lm	123 lm/W	074-62D604
		↧ 4000 K/ ↥tunable w.	↧3200/↥3050 lm	123 lm/W	074-62D614
88.0 W	3057 mm	↧ 3000 K/ ↥tunable w.	↧4810/↥6110 lm	124 lm/W	074-62D904
		↧ 4000 K/ ↥tunable w.	↧4810/↥6110 lm	124 lm/W	074-62D914

The data values for the luminous flux may differ for specific order options by -14%. Luminous flux value refers to reflector chrome. tunable white only INDIRECT

INDIRECT POWER

SYSTEM	LENGTH	COLOUR TEMP.	CRI ≥	LUM. FLUX	EFFICACY	ORDER CODE
54.0 W	3457 mm	3000 K	80	7840 lm	145 lm/W	074-62N95
			90	6840 lm	127 lm/W	074-62N90
		4000 K	80	8360 lm	155 lm/W	074-62N96
			90	6840 lm	127 lm/W	074-62N91
61.0 W	3457 mm	tunable w.	90	6880 lm	113 lm/W	074-62N9D

DIRECT / INDIRECT POWER

SYSTEM	LENGTH	COLOUR TEMP.	CRI ≥	LUM. FLUX	EFFICACY	ORDER CODE
48.0 W	1857 mm	3000 K	80	↧3470/↥3440 lm	144 lm/W	074-62465
			90	↧3020/↥2970 lm	125 lm/W	074-62460
		4000 K	80	↧3690/↥3930 lm	159 lm/W	074-62466
			90	↧3020/↥3210 lm	130 lm/W	074-62461
51.0 W	1857 mm	tunable w.	90	↧3320/↥3120 lm	126 lm/W	074-6246D
82.0 W	3057 mm	3000 K	80	↧5200/↥6890 lm	147 lm/W	074-62495
			90	↧4530/↥5940 lm	128 lm/W	074-62490
		4000 K	80	↧5530/↥7850 lm	163 lm/W	074-62496
			90	↧4530/↥6410 lm	133 lm/W	074-62491
87.0 W	3057 mm	tunable w.	90	↧4980/↥6240 lm	129 lm/W	074-6249D

The data values for the luminous flux may differ for specific order options by -14%. Luminous flux value refers to reflector chrome.

Order options

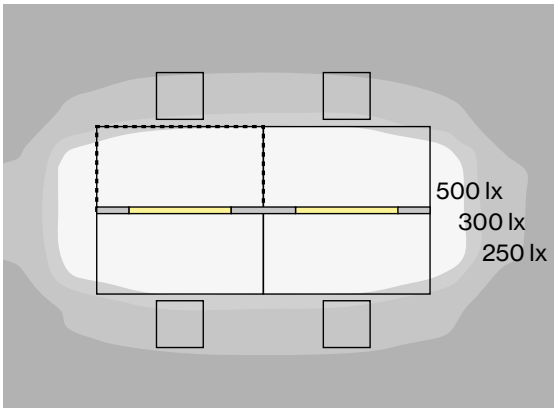
CONTROL	
DALI-2	3
DALI-2 D/I separately controllable	4
DALI-2 / DALI-2 ESSENTIAL sensor	7

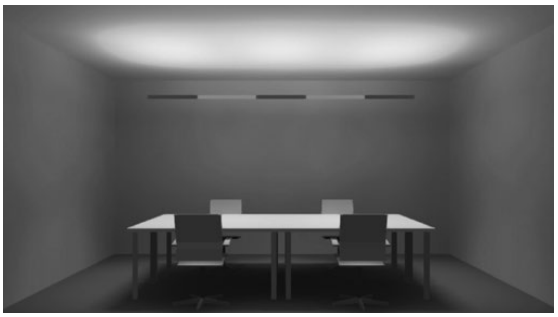
CONTROL	
DALI-2	3
DALI-2 / DALI-2 ESSENTIAL sensor	7

COLOUR	
pure white RAL 9010	7
jet black RAL 9005	8

REFLECTOR	
dark chrome	B
chrome	R

Planning Information





BETO suspended, 86 W, 4000 K direct / indirect power

ROOM VALUES

Room dimensions	5.4 × 4 × 2.8 m
Reflection factor	0.7 | 0.5 | 0.2
Maintenance factor	0.8
Mounting height	2.25 m

CALCULATION SURFACE ·····

Surface dimensions	1.6 × 0.8
Surface height	0.75
Average illuminance (E_m)	> 500 lx
Uniformity (U_0)	> 0.6

GLARE EVALUATION

Table Classification X=4H | Y=8H | S=0.25H

UGR transversal	≤ 19
UGR axial	≤ 19

65° < 1500 cd/m²

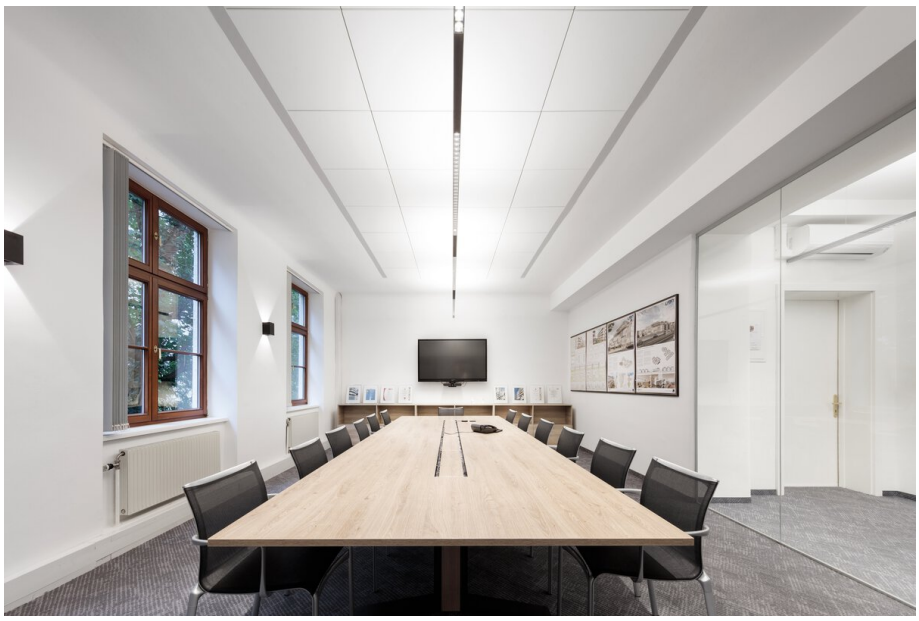
F+P Architekten, Vienna

Austria

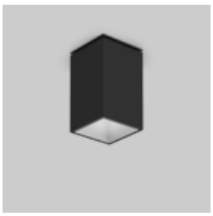
Architect
F+P Architekten

Lighting Design
Ing. Gerald Pummer,
Illuminazione

Photographer
Kurt Kuball



Used products

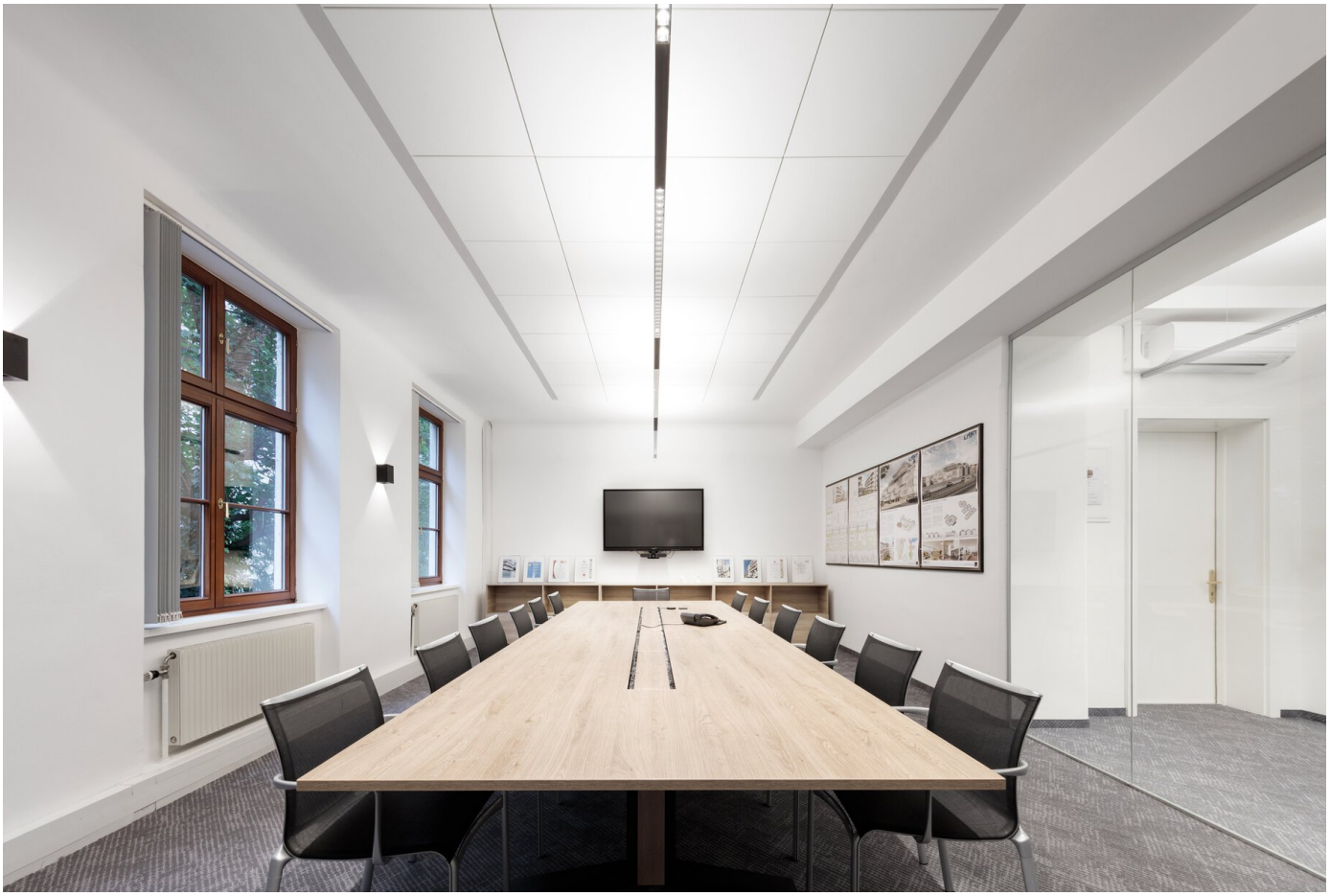


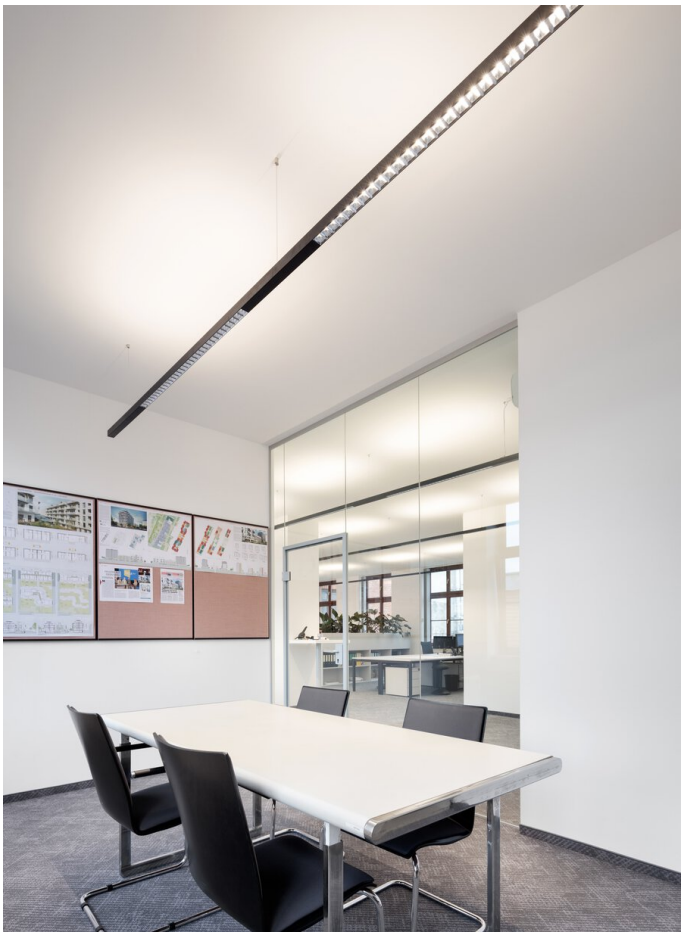
SASSO 100 square ceiling

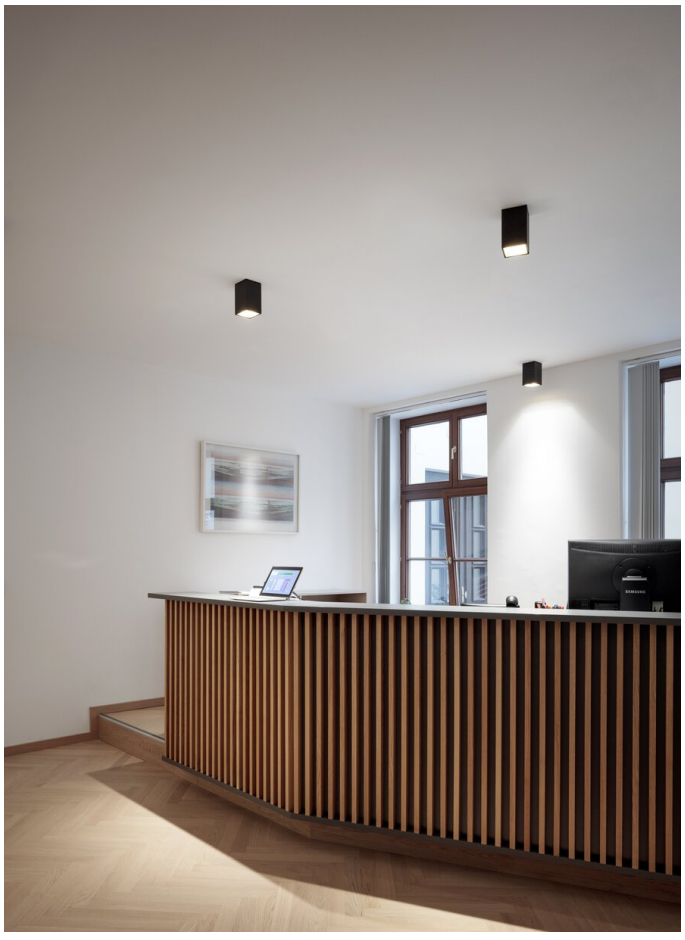


BETO ceiling / suspended system

No liability is assumed for typographical or printing errors.
© XAL GmbH · Auer-Welsbach-Gasse 36 · 8055 Graz · Austria · www.xal.com









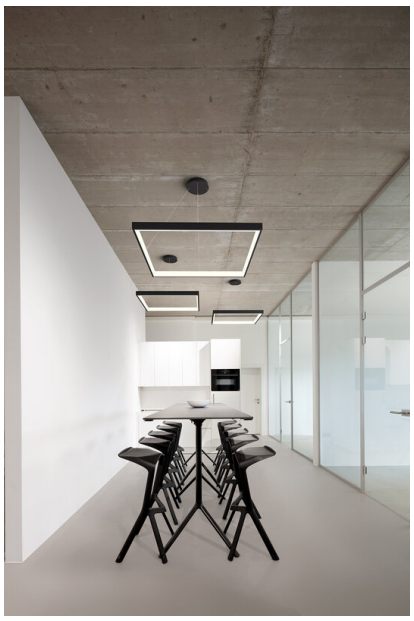
Granitlab Coworking

Austria

Architect
GHT-Plan GmbH

Lighting Design
GHT-Plan GmbH, AREA
C.I. Design GmbH

Photographer
Kurt Kuball



Used products



BETO suspended



INO square suspended



UNICO Q1 / Q4 ceiling

No liability is assumed for typographical or printing errors.
© XAL GmbH · Auer-Welsbach-Gasse 36 · 8055 Graz · Austria · www.xal.com

