

BETO

suspended

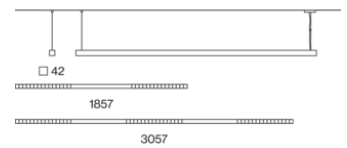
^{EN} Luminaire housing from extruded aluminium profile, angular design; extremely slim design (only 42 x 42mm); no visible screws; surface powder coated; pendant fitting with cable suspension; with integrated toolless suspension height adjustment; spring clip attachment to the luminaire; freely positionable; 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

□ Corpo illuminante in profilo di alluminio estruso, modello squadrato; forma estremamente sottile (solo 42 x 42 mm); nessuna vite visibile; verniciatura a polvere; sospeso con cavo a sospensione; altezza regolabile sull'apparecchio, senza utensili; fissaggio sull'apparecchio tramite clip a molla; libertà di posizionamento; incl. cavo di alimentazione; profilo di alluminio estruso per migliorare il bilancio termico; riflettore ad alta lucentezza con design sfaccettato; emissione diretta/indiretta; luce indiretta con chip dedicati e ottica lenticolare d'alta qualità, per una luminosità estensiva ed omogenea sul soffitto, a scelta con comandi separati; LED ad efficienza energetica con elevata resa cromatica

Quickinfo

3000 K, 4000 K, tunable white
 2700 - 6500 K
 CRI ≥ 80, CRI ≥ 90 / 3 SDCM
 (initial MacAdam)
 UGR ≤ 10, UGR ≤ 13, UGR ≤ 16
 fino a ↓ 5,530 lm / ↑ 7,850 lm
 fino a 7,460 lm/m
 fino a 163 lm/W
 L90 / 50000 h
 DALI-2, DALI-2 / DALI-2
 ESSENTIAL sensor, DALI-2 D/I
 controllo separato
 Lens, Reflector
 IP20

Types



Colore



Riflettore



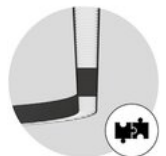
Distribuzione della luce



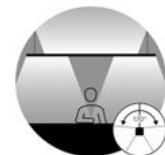
Dii[®] standards
 251, 252, 253



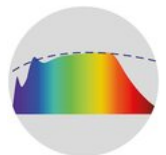
DIN EN 12464-1
 UGR ≤ 19



system solution



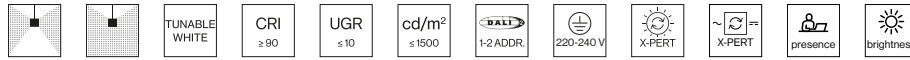
glare-free direct
 and 170°
 indirect
 illumination



CRI ≥ 98
 XPECTRUM
 (optional)

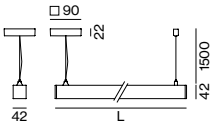


BETO suspended



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.	↓ 2970/↑ 3050 lm	118 lm/W	0 7 4 - 6 2 D 6 0 4 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
		↓ 4000 K/ ↑ tunable w.	↓ 3200/↑ 3050 lm	123 lm/W	0 7 4 - 6 2 D 6 1 4 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
88.0 W	3057 mm	↓ 3000 K/ ↑ tunable w.	↓ 4450/↑ 6110 lm	120 lm/W	0 7 4 - 6 2 D 9 0 4 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
		↓ 4000 K/ ↑ tunable w.	↓ 4810/↑ 6110 lm	124 lm/W	0 7 4 - 6 2 D 9 1 4 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>



tunable white only INDIRECT

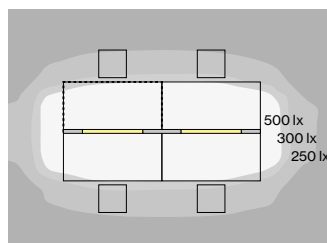
INDIRECT POWER

SYSTEM	LENGTH	COLOUR TEMP.	CRI ≥	LUM. FLUX	EFFICACY	ORDER CODE
54.0 W	3457 mm	3000 K	80	7320 lm	136 lm/W	0 7 4 - 6 2 N 9 5 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
			90	6320 lm	117 lm/W	0 7 4 - 6 2 N 9 0 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
		4000 K	80	8360 lm	155 lm/W	0 7 4 - 6 2 N 9 6 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
			90	6840 lm	127 lm/W	0 7 4 - 6 2 N 9 1 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
61.0 W	3457 mm	tunable w.	90	6880 lm	113 lm/W	0 7 4 - 6 2 N 9 D <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>

DIRECT / INDIRECT POWER

SYSTEM	LENGTH	COLOUR TEMP.	CRI ≥	LUM. FLUX	EFFICACY	ORDER CODE
48.0 W	1857 mm	3000 K	80	↓ 3240/↑ 3450 lm	139 lm/W	0 7 4 - 6 2 4 6 5 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
			90	↓ 2800/↑ 2970 lm	120 lm/W	0 7 4 - 6 2 4 6 0 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
		4000 K	80	↓ 3690/↑ 3930 lm	159 lm/W	0 7 4 - 6 2 4 6 6 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
			90	↓ 3020/↑ 3210 lm	130 lm/W	0 7 4 - 6 2 4 6 1 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
51.0 W	1857 mm	tunable w.	90	↓ 3320/↑ 2890 lm	122 lm/W	0 7 4 - 6 2 4 6 D <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
82.0 W	3057 mm	3000 K	80	↓ 4860/↑ 6900 lm	143 lm/W	0 7 4 - 6 2 4 9 5 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
			90	↓ 4200/↑ 5940 lm	124 lm/W	0 7 4 - 6 2 4 9 0 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
		4000 K	80	↓ 5530/↑ 7850 lm	163 lm/W	0 7 4 - 6 2 4 9 6 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
			90	↓ 4530/↑ 6410 lm	133 lm/W	0 7 4 - 6 2 4 9 1 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
87.0 W	3057 mm	tunable w.	90	↓ 4980/↑ 5770 lm	124 lm/W	0 7 4 - 6 2 4 9 D <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>

Planning Information



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

ROOM VALUES

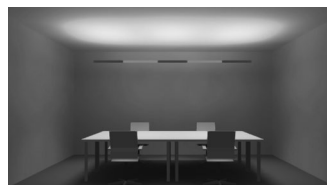
Room dimensions	5.4 × 4 × 2.8m
Reflection factor	0.7 0.5 0.2
Maintenance factor	0.8
Mounting height	2.25m

CALCULATION SURFACE

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

GLARE EVALUATION

Table Classification	X=4H Y=8H S=0.25H
UGR transversal	≤ 19
UGR axial	≤ 19
	65° < 1500 cd/m²



Order options

CONTROL	CONTROL	COLOUR	REFLECTOR				
DALI-2	3	DALI-2	3	pure white RAL 9010	7	dark chrome	B
DALI-2 / DALI-2 ESSENTIAL sensor	7	DALI-2 D/I separately controllable	4	jet black RAL 9005	8	chrome	R
		DALI-2 / DALI-2 ESSENTIAL sensor	7				

F+P Architekten, Vienna

Austria

Architetto

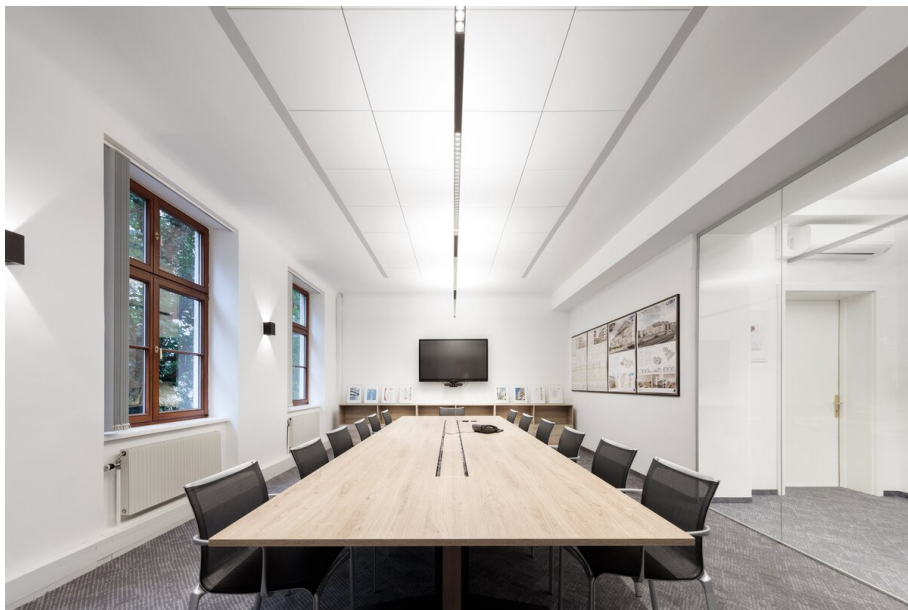
F+P Architekten

Lighting Design

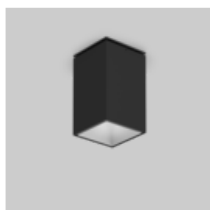
Ing. Gerald Pummer,
Illuminazione

Fotografo

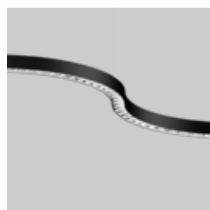
Kurt Kuball



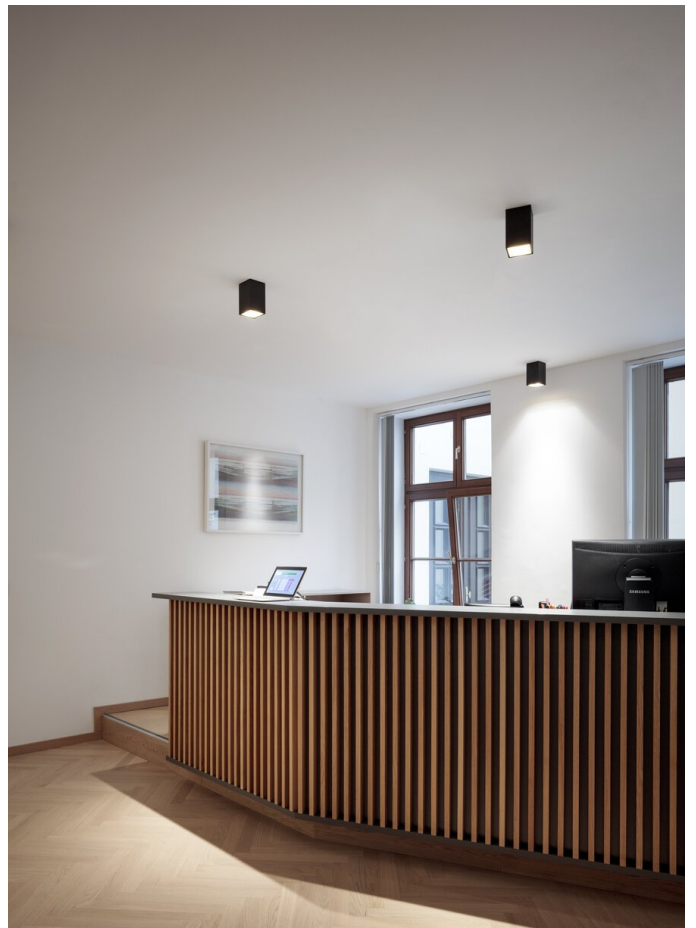
Prodotti utilizzati



SASSO 100 square ceiling



BETO ceiling / suspended system





Granitlab Coworking

Austria

Architetto

GHT-Plan GmbH

Lighting Design

GHT-Plan GmbH, AREA

C.I. Design GmbH

Fotografo

Kurt Kuball



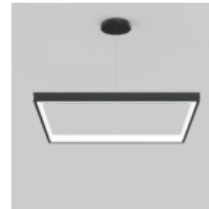
Prodotti utilizzati



**UNICO Q1 / Q4
ceiling**



**UNICO Q1 / Q4 basic
ceiling**



**INO square
suspended**



BETO suspended

