

BETO

suspended

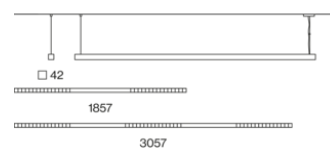
^{EN} Luminaire housing from extruded aluminium profile, angular design; extremely slim design (only 42 x 42 mm); no visible screws; surface powder coated; pendant fitting with cable suspension; with integrated toolless suspension height adjustment; spring clip attachment to the luminaire; freely positionable;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

^{IT} 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 K - 6500 K
CRI $\geq$ 80, CRI $\geq$ 90 / 3 SDCM
UGR $\leq$ 10, UGR $\leq$ 13, UGR $\leq$ 16
fino a ↓ 5,530 lm / ↑ 7,850 lm
fino a 7,450 lm/m
fino a 156 lm/W
L90 / 50000 h
DALI-2, DALI-2 / DALI-2
ESSENTIAL sensor, DALI-2 D/I
controllo separato
Reflector
IP20

Types



Colore



Riflettore



Distribuzione della luce



DiiA® standards
251, 252, 253



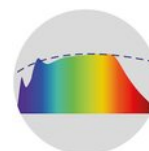
DIN EN 12464-1
UGR $\leq$ 19



system solution



glare-free
direct and 170°
indirect
illumination



CRI $\geq$ 98
XPECTRUM
(optional)

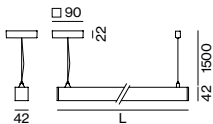


BETO suspended



DIRECT / INDIRECT POWER

SYSTEM	LENGTH	COLOUR TEMP.	CRI ≥	LUM. FLUX	SYSTEM	ORDER CODE
49.0 W	1857 mm	3000 K	80	↓3240/↑3450 lm	137 lm/W	0 7 4 - 6 2 4 6 5
			90	↓2800/↑2970 lm	118 lm/W	0 7 4 - 6 2 4 6 0
		4000 K	80	↓3690/↑3930 lm	156 lm/W	0 7 4 - 6 2 4 6 6
			90	↓3020/↑3210 lm	127 lm/W	0 7 4 - 6 2 4 6 1
53.0 W	1857 mm	tunable w.	90	↓3320/↑2890 lm	117 lm/W	0 7 4 - 6 2 4 6 D
86.0 W	3057 mm	3000 K	80	↓4860/↑6900 lm	137 lm/W	0 7 4 - 6 2 4 9 5
			90	↓4200/↑5940 lm	118 lm/W	0 7 4 - 6 2 4 9 0
		4000 K	80	↓5530/↑7850 lm	156 lm/W	0 7 4 - 6 2 4 9 6
			90	↓4530/↑6410 lm	127 lm/W	0 7 4 - 6 2 4 9 1
92.0 W	3057 mm	tunable w.	90	↓4980/↑5770 lm	117 lm/W	0 7 4 - 6 2 4 9 D



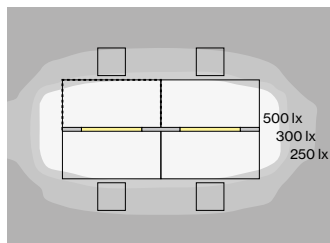
DIRECT / INDIRECT 2700-6500K POWER CRI ≥ 90, DALI-2 D/I separately controllable

SYSTEM	LENGTH	COLOUR TEMP.	LUM. FLUX	SYSTEM	ORDER CODE
53.0 W	1857 mm	3000 K	↓2970/↑3050 lm	114 lm/W	0 7 4 - 6 2 D 6 0 4
		4000 K	↓3200/↑3050 lm	118 lm/W	0 7 4 - 6 2 D 6 1 4
93.0 W	3057 mm	3000 K	↓4450/↑6110 lm	114 lm/W	0 7 4 - 6 2 D 9 0 4
		4000 K	↓4810/↑6110 lm	117 lm/W	0 7 4 - 6 2 D 9 1 4

INDIRECT POWER

SYSTEM	LENGTH	COLOUR TEMP.	CRI ≥	LUM. FLUX	SYSTEM	ORDER CODE
56.0 W	3457 mm	3000 K	80	7330 lm	131 lm/W	0 7 4 - 6 2 N 9 5
			90	6320 lm	113 lm/W	0 7 4 - 6 2 N 9 0
		4000 K	80	8350 lm	149 lm/W	0 7 4 - 6 2 N 9 6
			90	6830 lm	122 lm/W	0 7 4 - 6 2 N 9 1
63.0 W	3457 mm	tunable w.	90	6870 lm	109 lm/W	0 7 4 - 6 2 N 9 D

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	



Order options

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

F+P Architekten, Vienna

Austria

Architetto

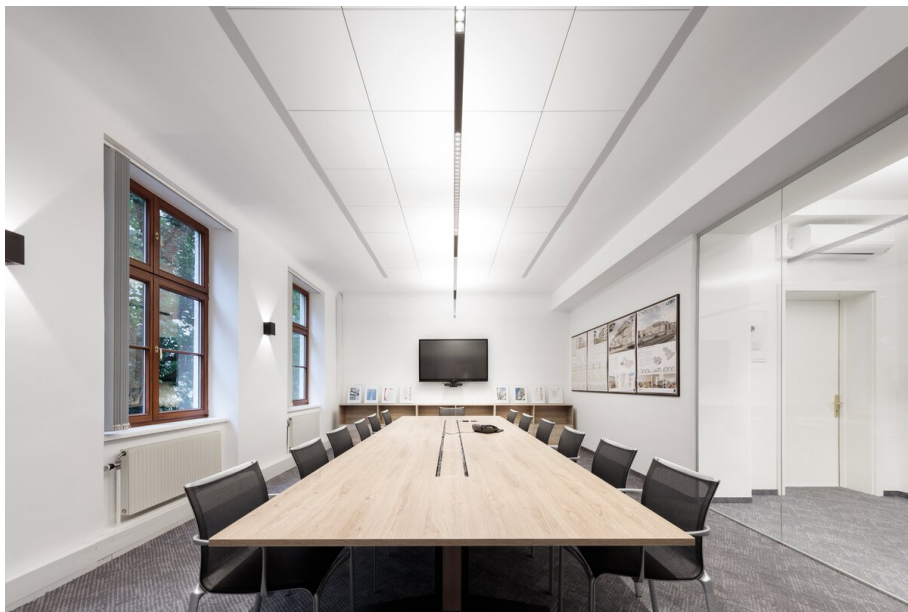
F+P Architekten

Lighting Design

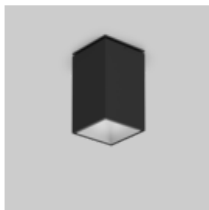
Ing. Gerald Pummer,
Illuminazione

Fotografo

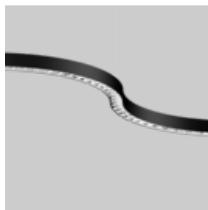
Kurt Kuball



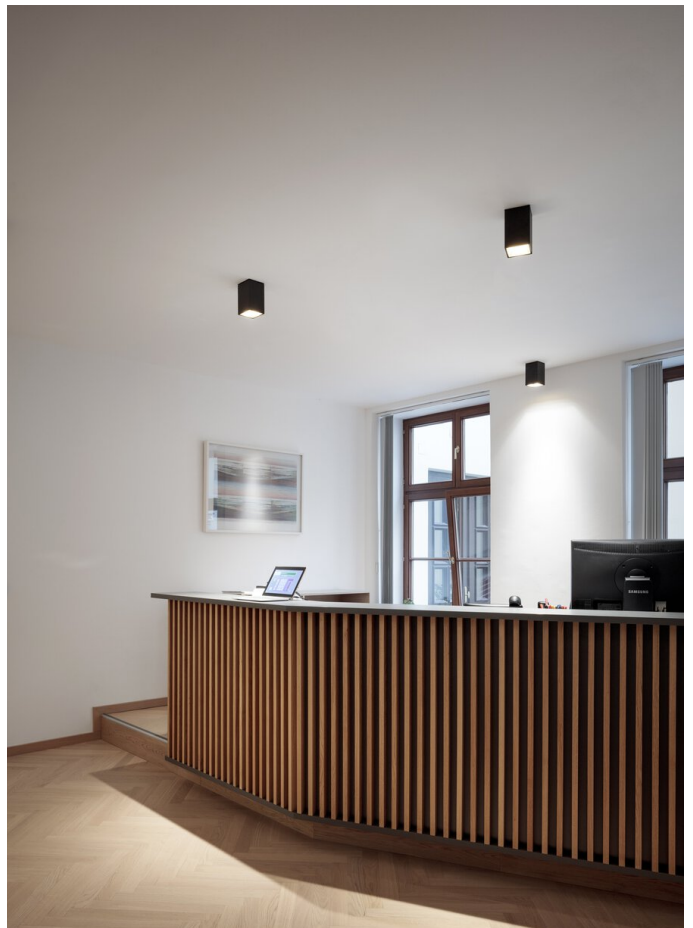
Prodotti utilizzati



**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 basic ceiling



BETO suspended



INO square suspended

