

BETO

suspended

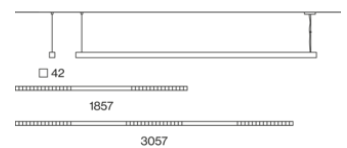
EN Luminaire housing from extruded aluminium profile, angular design; extremely slim design (only 42 x 42 mm); no visible screws; surface powder coated; pendant fitting with cable suspension; with integrated toolless suspension height adjustment; spring clip attachment to the luminaire; freely positionable;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

FR Corps de luminaire en profil extrudé en alu, version arête ; forme extrêmement élancée (seulement 42 x 42 mm) ; aucune vis visible ; surface thermolaquée ; suspension par câble ; réglage en hauteur sans outil au luminaire ; fixation au luminaire au moyen de clips à ressort ; positionnement libre ; incl. conduit d'alimentation ; profil extrudé pour une meilleure gestion de la température ; réflecteur ultra-brillant avec optique à facettes ; caractéristique de rayonnement direct / indirect ; dispositif d'éclairage indirect avec platines dédiées et optique de lentille de grande qualité pour un éclairage maximal et homogène du plafond, contrôle séparé en option ; LED économes en énergie à restitution de couleur élevée

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
jusqu'à $\downarrow$ 5,530 lm / $\uparrow$ 7,850 lm
jusqu'à 7,450 lm/m
jusqu'à 156 lm/W
L90 / 50000 h
DALI-2, DALI-2 / DALI-2
ESSENTIAL sensor, DALI-2 D/I
contrôlable séparément
Reflector
IP20

Types



Couleur



Réflecteur



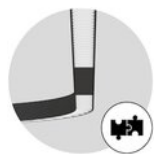
Répartition de la lumière



DiiA® standards
251, 252, 253



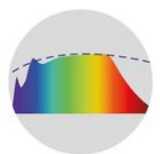
DIN EN 12464-1
UGR $\leq$ 19



system solution



glare-free
direct and 170°
indirect
illumination



CRI $\geq$ 98
XPECTRUM
(optional)

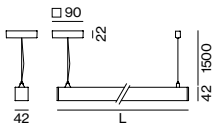


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DIRECT / INDIRECT POWER

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



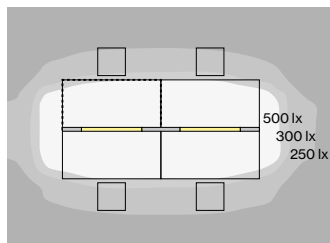
DIRECT / INDIRECT 2700-6500K POWER CRI ≥ 90, DALI-2 D/I separately controllable

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

Autriche

Architecte

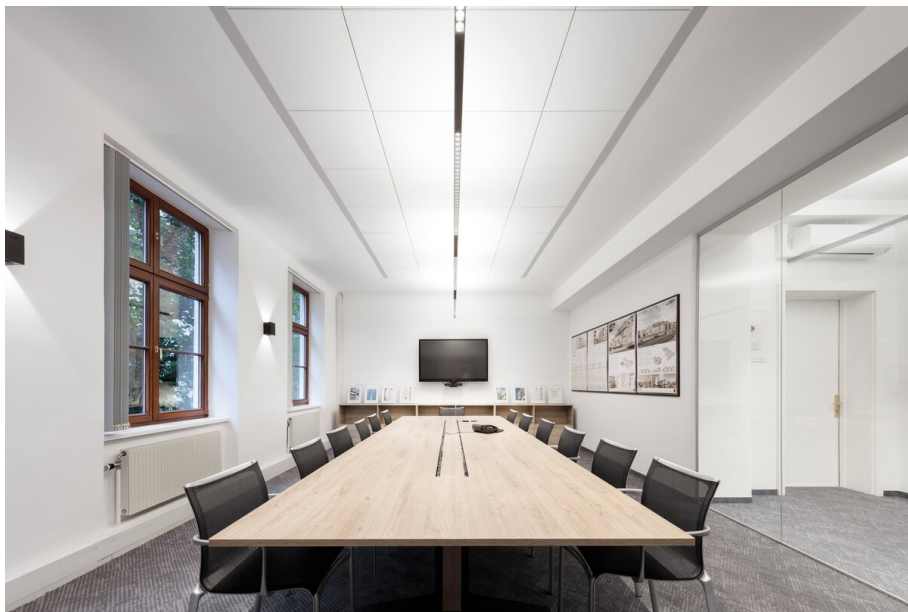
F+P Architekten

Lighting Design

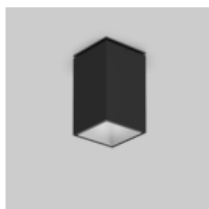
Ing. Gerald Pummer,
Illuminazione

Photographe

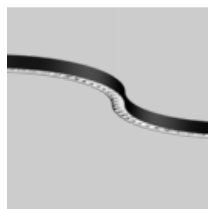
Kurt Kuball



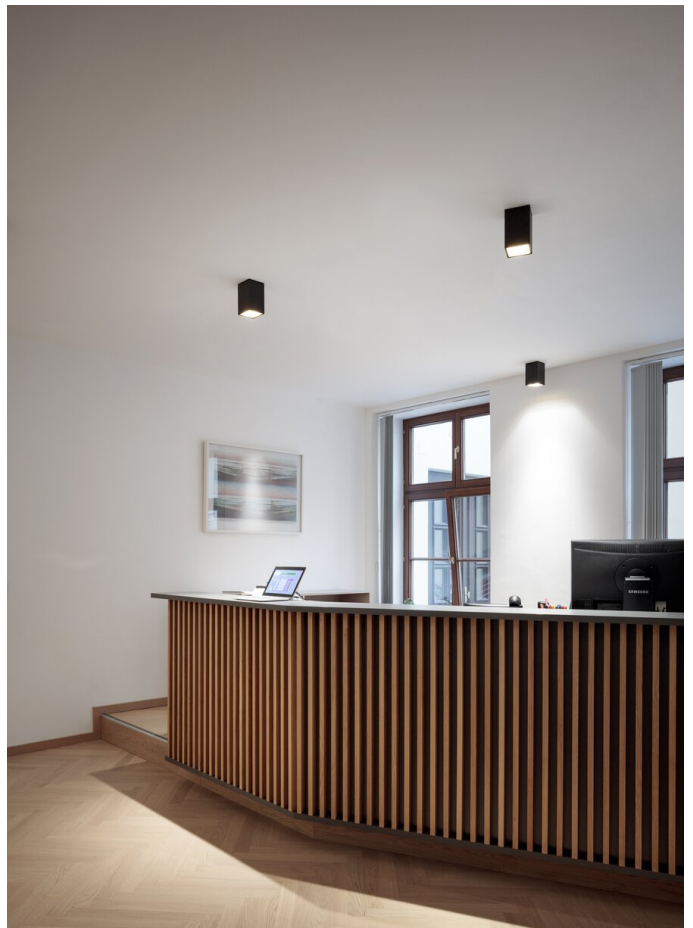
Produits utilisés



**SASSO 100 square
ceiling**



**BETO ceiling /
suspended system**





Granitlab Coworking

Autriche

Architecte

GHT-Plan GmbH

Lighting Design

GHT-Plan GmbH, AREA

C.I. Design GmbH

Photographe

Kurt Kuball



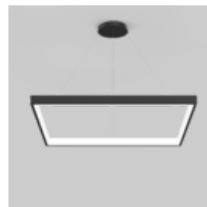
Produits utilisés



UNICO Q1 / Q4 basic ceiling



BETO suspended



INO square suspended

