

BETO

suspended

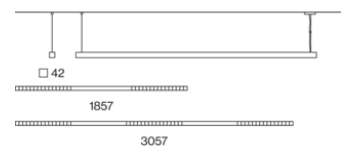
^{EN} Luminaire housing from extruded aluminium profile, angular design; extremely slim design (only 42 x 42 mm); no visible screws; surface powder coated; pendant fitting with cable suspension; with integrated toolless suspension height adjustment; spring clip attachment to the luminaire; freely positionable;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

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
up to \downarrow 5,530 lm / \uparrow 7,850 lm
up to 7,450 lm/m
up to 156 lm/W
L90 / 50000 h
DALI-2, DALI-2 / DALI-2
ESSENTIAL sensor, DALI-2 D/I
separately controllable
Reflector
IP20

Types



Colour



Reflector



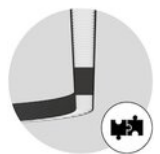
Light distributions



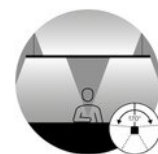
DiiA® standards
251, 252, 253



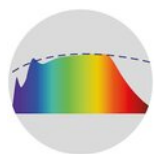
DIN EN 12464-1
UGR \leq 19



system solution



glare-free
direct and 170°
indirect
illumination



CRI \geq 98
XPECTRUM
(optional)

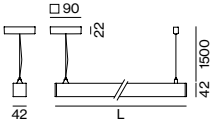


BETO suspended



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



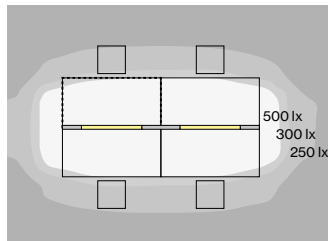
DIRECT / INDIRECT 2700-6500K POWER CRI ≥ 90, DALI-2 D/I separately controllable

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

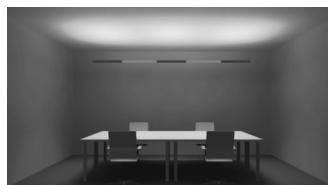
Room dimensions	5.4 × 4 × 2.8 m
Reflection factor	0.7 0.5 0.2
Maintenance factor	0.8
Mounting height	2.25 m

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						

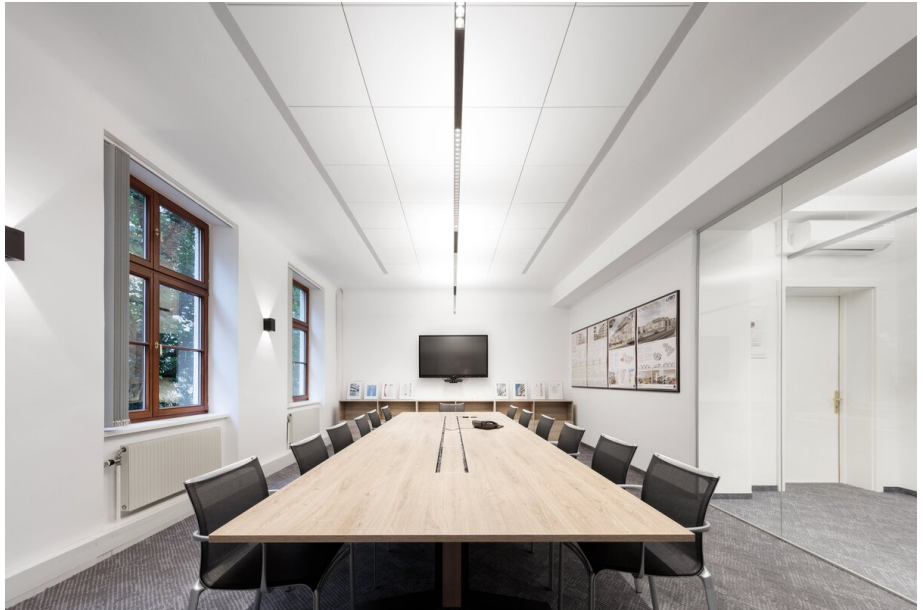
F+P Architekten, Vienna

Austria

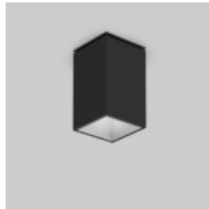
Architect
F+P Architekten

Lighting Design
Ing. Gerald Pummer,
Illuminazione

Photographer
Kurt Kuball



Used products



SASSO 100 square ceiling



BETO ceiling / suspended system





Granitlab Coworking

Austria

Architect

GHT-Plan GmbH

Lighting Design

GHT-Plan GmbH, AREA

C.I. Design GmbH

Photographer

Kurt Kuball



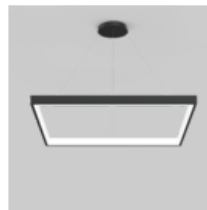
Used products



UNICO Q1 / Q4 basic ceiling



BETO suspended



INO square suspended

