

## BETO

free standing

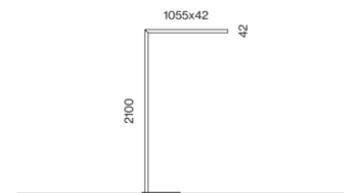
**EN** Free standing luminaire from extruded aluminium profile in angular design; extremely slim design (only 42 x 42mm); square downpipe; pedestal with recess for table base; surface powder coated; direct / indirect light distribution; direct light component with high gloss reflector + faceted design and asymmetric radiation characteristic; indirect light component with integrated PCboards and high quality lens system for maximum, homogeneous ceiling illumination; energy-efficient LEDs with very good colour rendering; switch installed in the downpipe; presence sensor detection range ø4.5m on the floor (variant brightness & presence sensor); incl. connection cable (3m) with safety plug

**DE** Stehleuchte aus Aluminiumstrangpressprofil in kantiger Ausführung; extrem schlanke Bauform (nur 42 x 42mm); Standrohr quadratisch; Standfuß mit Ausnehmung für Tischfuß; Oberfläche pulverbeschichtet; direkt / indirekte Abstrahlcharakteristik; Direktlichtanteil mit hochglänzendem Reflektor + Facettenoptik und asymmetrischer Abstrahlcharakteristik; Indirektlichtanteil mit eigenen Platinen und hochwertiger Linsenoptik für maximale, homogene Deckenaufhellung; energieeffiziente LEDs mit sehr guter Farbwiedergabe; Schalter im Standrohr verbaut; Anwesenheitssensor-Erfassungsbereich ø4,5m am Fußboden (Variante brightness & presence sensor); inkl. Anschlussleitung (3m) mit Schutzkontaktstecker

### Quickinfo

3000 K, 4000 K  
 CRI ≥ 80, CRI ≥ 90 / 3 SDCM  
 (initial MacAdam)  
 UGR ≤ 10, UGR ≤ 13  
 bis zu ↓ 2,300 lm / ↑ 7,550 lm  
 bis zu 155 lm/W  
 L90 / 75000 h  
 Loxone Air / ESSENTIAL Sensor,  
 Loxone Air / touch DIM an Stange,  
 eigenständiger ESSENTIAL  
 Sensor, touch DIM an Stange  
 Reflector  
 IP20

### Types



### Farbe



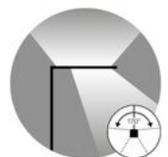
### Reflektor



### Lichtverteilung



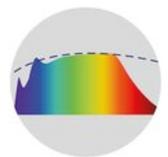
lighting control  
by touch DIM on  
pole



asymmetric  
illumination



SENSE sensor  
on request



CRI ≥ 98  
XPECTRUM  
(optional)



### BETO free standing u-shape



#### DIRECT / INDIRECT

SYSTEM	COLOUR TEMP.	CRI ≥	LUM. FLUX	EFFICACY	ORDER CODE
50.0 W	3000 K	80	↓1910/↑5030 lm	139 lm/W	0 7 4 - 6 9 4 4 5 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
		90	↓1670/↑4340 lm	120 lm/W	0 7 4 - 6 9 4 4 0 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
	4000 K	80	↓2030/↑5710 lm	155 lm/W	0 7 4 - 6 9 4 4 6 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
		90	↓1670/↑4690 lm	127 lm/W	0 7 4 - 6 9 4 4 1 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>



#### DIRECT / INDIRECT POWER

SYSTEM	COLOUR TEMP.	CRI ≥	LUM. FLUX	EFFICACY	ORDER CODE
64.0 W	3000 K	80	↓2170/↑6660 lm	138 lm/W	0 7 4 - 6 9 5 4 5 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
		90	↓1890/↑5740 lm	119 lm/W	0 7 4 - 6 9 5 4 0 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
	4000 K	80	↓2300/↑7550 lm	154 lm/W	0 7 4 - 6 9 5 4 6 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
		90	↓1890/↑6200 lm	126 lm/W	0 7 4 - 6 9 5 4 1 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>



### BETO free standing t-shape



#### DIRECT / INDIRECT

SYSTEM	COLOUR TEMP.	CRI ≥	LUM. FLUX	EFFICACY	ORDER CODE
50.0 W	3000 K	80	↓1910/↑5030 lm	139 lm/W	0 7 4 - 6 9 4 5 5 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
		90	↓1670/↑4340 lm	120 lm/W	0 7 4 - 6 9 4 5 0 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
	4000 K	80	↓2030/↑5710 lm	155 lm/W	0 7 4 - 6 9 4 5 6 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
		90	↓1670/↑4690 lm	127 lm/W	0 7 4 - 6 9 4 5 1 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>



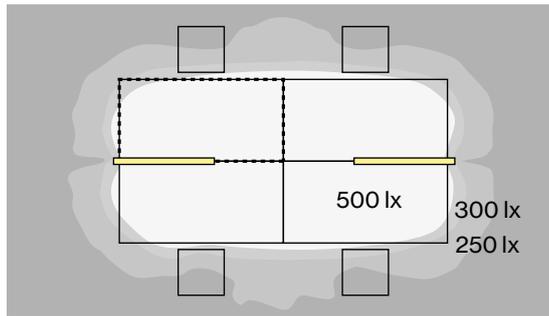
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		90	↓1890/↑6200 lm	126 lm/W	0 7 4 - 6 9 5 5 1 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>

#### Order options

CONTROL	COLOUR	REFLECTOR
Loxone Air / ESSENTIAL sensor S	pure white RAL 9010	dark chrome B
Loxone Air / touch DIM on pole T	jet black RAL 9005	chrome R
touch DIM on pole 1	special colours X	
stand alone ESSENTIAL sensor 7		

## Planning Information



**BETO** free standing, 66 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

### 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

## Order options

CONTROL		COLOUR		REFLECTOR	
Loxone Air / ESSENTIAL sensor	S	pure white RAL 9010	7	dark chrome	B
Loxone Air / touch DIM on pole	T	jet black RAL 9005	8	chrome	R
touch DIM on pole	1	<a href="#">special colours</a>	X		
stand alone ESSENTIAL sensor	7				

# Office Tribünen, Vienna

Österreich

**Architekt**  
Martin Kohlbauer

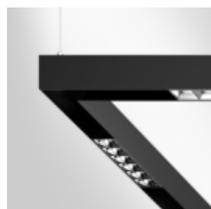
**Fotograf**  
Kurt Kuball



## Verwendete Produkte



**BETO free standing**



**MOVE IT 45  
suspended indirect  
system**



**L2 MOVE IT 45**

