

BETO

free standing

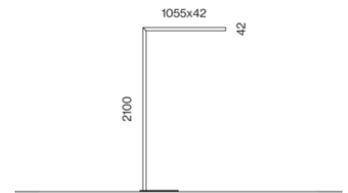
EN Free standing luminaire from extruded aluminium profile in angular design; extremely slim design (only 42 x 42mm); square downpipe; pedestal with recess for table base; surface powder coated; direct / indirect light distribution; direct light component with high gloss reflector + faceted design and 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 \varnothing 4.5m on the floor (variant brightness & presence sensor); incl. connection cable (3m) with safety plug

ES Lámpara de pie de perfil de aluminio extrusionado en versión angular; forma extremadamente esbelta (solo 42 x 42 mm); tubo cuadrado; pedestal para integrarse como base de mesa; superficie con recubrimiento de pintura en polvo; característica de emisión directa / indirecta; proporción de luz directa con reflector de alto brillo + óptica facetada y proyección asimétrica; componente de luz indirecta con pletinas propias y una elegante apariencia de lente para una claridad de techo máxima y homogénea; LEDs de alta eficiencia que proporcionan una alta reproducción cromática; interruptor montado en el tubo; zona de detección de sensor de presencia \varnothing 4,5m en el suelo (variante brightness & presence sensor); incluye 3 metros de cable de conexión

Quickinfo

3000 K, 4000 K
 CRI \geq 80, CRI \geq 90 / 3 SDCM
 (initial MacAdam)
 UGR \leq 10, UGR \leq 13
 hasta ↓ 2,300 lm / ↑ 7,550 lm
 hasta 155 lm/W
 L90 / 50000 h, L90 / 75000 h
 Loxone Air / ESSENTIAL sensor,
 Loxone Air / touch DIM en el
 poste, sensor ESSENTIAL
 independiente, touch DIM en el
 poste
 Reflector
 IP20

Types



Color



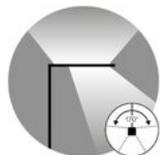
Reflector



Distribución luminosa



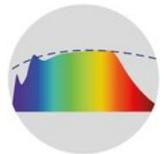
lighting control
by touch DIM on
pole



asymmetric
illumination



SENSE sensor
on request



CRI \geq 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"/>

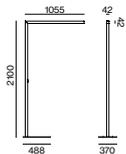


BETO free standing t-shape



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"/>



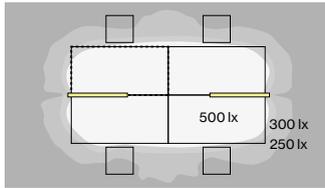
DIRECT / INDIRECT POWER

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 5 5 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
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	4000 K	80	↓2300/↑7550 lm	154 lm/W	0 7 4 - 6 9 5 5 6 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
		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, 66W, 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

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

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	special colours X	
stand alone ESSENTIAL sensor 7		

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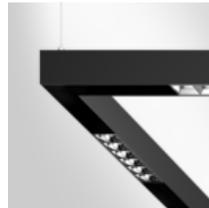
Fotografía
Kurt Kuball



Productos utilizados



BETO free standing



**MOVE IT 45
suspended indirect
system**



L2 MOVE IT 45

