



red dot winner 2020

## BETO

free standing

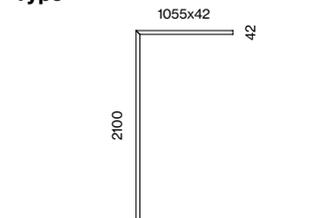
**EN** Free standing luminaire from extruded aluminium profile in angular design; extremely slim design (only 42 x 42 mm); rectangular downpipe; pedestal with recess for table base; surface powder coated; direct/indirect light distribution; direct light component with high-gloss reflector + faceted design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

**IT** Apparecchio verticale in profilo in alluminio estruso, modello con design angolare; forma estremamente sottile (solo 42 x 42 mm); stelo quadrato; piedistallo con apertura per piede tavolo; verniciatura a polvere; emissione diretta/indiretta; componente luce diretta con riflettore ad alta lucentezza con design sfaccettato ed emissione asimmetrica; luce indiretta con chip dedicati e ottica lenticolare d'alta qualità, per una luminosità estensiva ed omogenea sul soffitto; LED ad efficienza energetica con elevata resa cromatica; interruttore integrato nello stelo; sensore di presenza con raggio di rilevamento  $\varnothing$  4,5 m sul pavimento (variante brightness & presence sensor); incl. cavo di collegamento (3 m) con spina Schuko

### Quickinfo

3000 K, 4000 K  
 CRI  $\geq$  80, CRI  $\geq$  90, 3 SDCM  
 up to 152lm/W  
 L90 @ 50 000h  
 touch DIM  
 brightness & presence sensor  
 reflector (UGR  $\leq$  13)

### Type



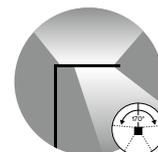
### Colours



### Light distributions



lighting control by  
touch DIM on pole



asymmetric  
illumination



SENSE sensor  
on request

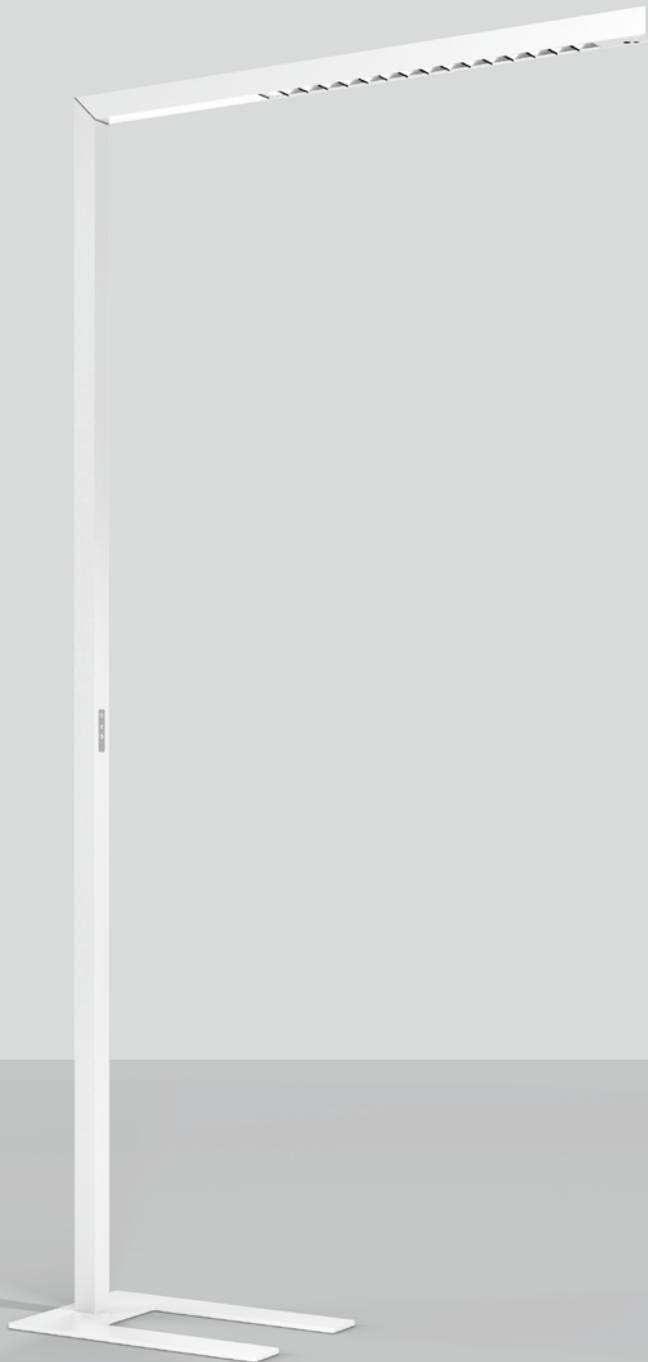


tunable white  
2700–6500K



CRI  $\geq$  98  
XPECTRUM





# BETO

free standing

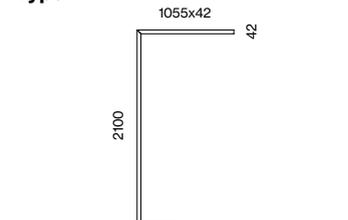
**EN** Free standing luminaire from extruded aluminium profile in angular design; extremely slim design (only 42 × 42 mm); square downpipe; pedestal with recess for table base; powder coated; direct/indirect light distribution; direct light component with high gloss reflector + faceted design and asymmetric radiation characteristic; indirect light component with integrated PC boards 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 ø 4.5 m on the floor (variant brightness & presence sensor); incl. Loxone Air module for easy integration into the Loxone home and building automation system; incl. connection cable (3 m) with safety plug

**DE** Stehleuchte aus Aluminiumstrangpressprofil in kantiger Ausführung; extrem schlanke Bauform (nur 42 × 42 mm); Standrohr quadratisch; Standfuß mit Ausnehmung für Tischfuß; 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 ø 4,5 m am Fußboden (Variante brightness & presence sensor); inkl. Loxone Air Modul zur einfachen Integration in die Loxone Haus- & Gebäudeautomation; inkl. Anschlussleitung (3 m) mit Schutzkontaktstecker

## Quickinfo

3000 K, 4000 K  
 CRI ≥ 80, CRI ≥ 90, 3 SDCM  
 up to 152lm/W  
 L90 @ 50 000h  
 Loxone Air  
 touch DIM  
 brightness & presence sensor  
 reflector (UGR ≤ 13)

## Type



## Colours



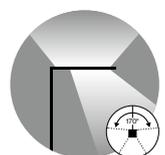
## Light distributions



lighting control by Loxone Air



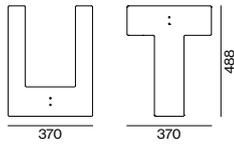
lighting control by touch DIM on pole



asymmetric illumination

### Order options

<b>BASE PLATE</b>	<input checked="" type="checkbox"/>
U-shape	4
T-shape	5

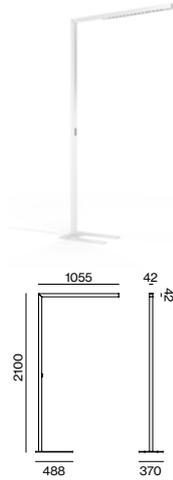


<b>COLOUR TEMPERATURE</b>	<input checked="" type="checkbox"/>
3000 K (CRI $\geq$ 90)	0
4000 K (CRI $\geq$ 90)	1
3000 K (CRI $\geq$ 80)	5
4000 K (CRI $\geq$ 80)	6

<b>CONTROL</b>	<input checked="" type="checkbox"/>
Loxone Air incl.	T
touch DIM on pole	
Loxone Air incl.	S
ESSENTIAL sensor (brightness & presence)	

<b>MATERIAL COLOUR</b>	<input checked="" type="checkbox"/>
<input type="radio"/> pure white RAL 9010	7
<input checked="" type="radio"/> jet black RAL 9005	8
<input type="radio"/> special colours	X

<b>REFLECTOR COLOUR</b>	<input checked="" type="checkbox"/>
<input checked="" type="radio"/> chrome	R
<input type="radio"/> dark chrome	B



### BETO free standing



#### DIRECT / INDIRECT SOFT

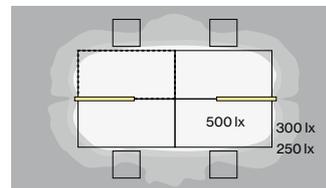
SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
51W	3000K	↓1790/±5020lm	074-694 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
	4000K	↓2030/±5710lm	



#### DIRECT / INDIRECT POWER

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
66W	3000K	↓2020/±6630lm	074-695 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
	4000K	↓2300/±7550lm	

### Technical data

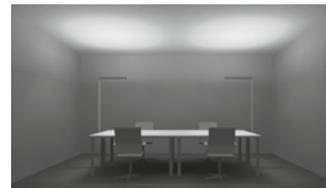


**BETO free standing, 66W, 4000K direct/indirect power**

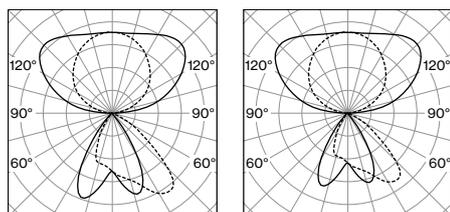
<b>ROOM VALUES</b>	
Room dimensions	5.4 × 4 × 2.8 m
Reflection factor	0.7   0.5   0.2
Maintenance factor	0.8

<b>CALCULATION SURFACE</b>	
Surface dimensions	1.6 × 0.8
Surface height	0.75
Average illuminance (E <sub>m</sub> )	> 500 lx
Uniformity (U <sub>0</sub> )	> 0.6

<b>GLARE EVALUATION</b>	
Table Classification X=4H   Y=8H   S=0.25H	
UGR transversal	≤ 19
UGR axial	≤ 19



### Light distributions



reflector (UGR $\leq$ 13)  
direct/indirect

reflector (UGR $\leq$ 13)  
direct/indirect power

**LUMINOUS FLUX** value calculated for  
CRI $\geq$ 80, colour white, reflector chrome