



reddot winner 2020

## BETO

free standing

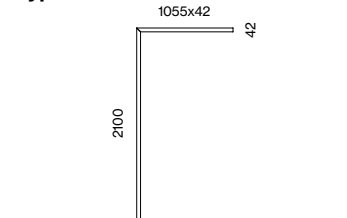
**EN** Free standing luminaire from extruded aluminium profile in angular design; extremely slim design (only 42 x 42 mm); rectangular downpipe; pedestal with recess for table base; surface powder coated; direct/indirect light distribution; direct light component with high-gloss reflector + faceted design 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

**FR** Lampadaire en profil extrudé en aluminium en version à bords en arête ; forme extrêmement élancée (seulement 42 x 42 mm) ; tube carré ; pied avec échancrure pour pied de table ; surface thermolaquée ; caractéristique de rayonnement direct/indirect ; partie de lumière directe avec réflecteur ultra-brillant + optique à facettes et rayonnement asymétrique ; dispositif de lumière indirecte avec plaques dédiées et optique de lentille de grande qualité pour un éclairage de plafond homogène maximal ; LED économes en énergie à restitution de couleur élevée ; interrupteur intégré dans le tube ; capteur de présence - zone d'enregistrement  $\varnothing$  4,5 m au sol (variante brightness & presence sensor) ; incl. câble raccordement (3m) avec fiche contact de protection

### Quickinfo

3000 K, 4000 K  
 CRI  $\geq$  80, 3 SDCM  
 up to 144 lm/W  
 L90 @ 50 000 h  
 touch DIM  
 brightness & presence sensor  
 reflector (UGR  $\leq$  13)

### Type



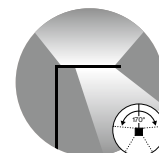
### Colours



### Light distributions



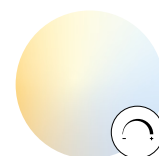
lighting control by  
touch DIM on pole



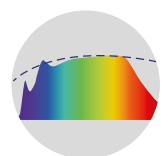
asymmetric  
illumination



SENSE sensor  
on request



tunable white  
2700–6500 K

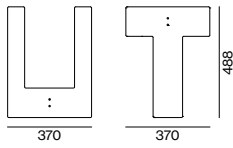


CRI  $\geq$  98  
XPECTRUM

## Order options

### BASE PLATE

U-shape	4
T-shape	5



### COLOUR TEMPERATURE

3000K	5
4000K	6

### CONTROL

touch DIM on pole	1
ESSENTIAL sensor (brightness & presence)	7

### MATERIAL COLOUR

○ pure white RAL 9010	7
● jet black RAL 9005	8
☺ special colours p.992	X

### LIGHT OPTIC COLOUR

chrome reflector	R
black reflector	B

## Options on request

### COLOUR RENDERING INDEX

CRI ≥ 90
CRI ≥ 98 XPECTRUM

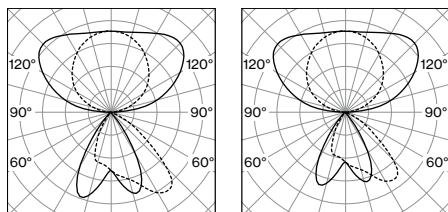
### COLOUR TEMPERATURE

tunable white 2700–6500K
DALI-2 DT8

### CONTROL

SENSE sensor (brightness, presence, temperature, sound pressure, humidity, CO <sub>2</sub> )
cluster network DIM
dynamic daylight control (BPI)
Zigbee 3.0

## Light distributions



reflector (UGR ≤ 13)  
direct/indirect

reflector (UGR ≤ 13)  
direct/indirect power

**LUMINOUS FLUX** value calculated for  
CRI ≥ 80, colour white, reflector chrome

## BETO free standing



### DIRECT/INDIRECT SOFT

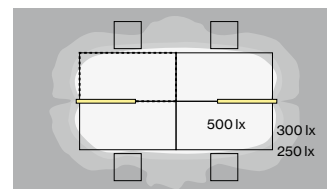
SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
52W	3000K	↓ 1770 / ↑ 5030lm	0 7 4 - 6 9 4
	4000K	↓ 1950 / ↑ 5550lm	



### DIRECT/INDIRECT POWER

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
67W	3000K	↓ 2010 / ↑ 6650lm	0 7 4 - 6 9 5
	4000K	↓ 2210 / ↑ 7330lm	

## Technical data



**BETO free standing, 67W, 4000K**  
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 <sub>m</sub> )	> 500 lx
Uniformity (U <sub>0</sub> )	> 0.6

### GLARE EVALUATION

Table Classification X=4H   Y=8H   S=0.25H	
UGR transversal	≤ 19
UGR axial	≤ 19





# BETO

free standing

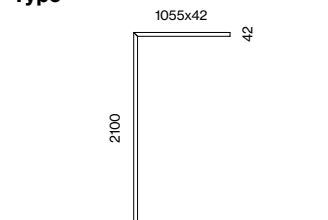
**EN** Free standing luminaire from extruded aluminium profile in angular design; extremely slim design (only 42 × 42 mm); square downpipe; pedestal with recess for table base; powder coated; direct/indirect light distribution; direct light component with high gloss reflector + faceted design and asymmetric 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, 3 SDCM  
 up to 144 lm/W  
 L90 @ 50 000 h  
 Loxone Air  
 touch DIM  
 brightness & presence sensor  
 reflector (UGR ≤ 13)

## Type



## Colours



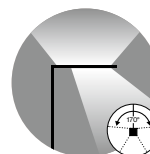
## Light distributions



lighting control by Loxone Air



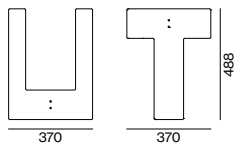
lighting control by touch DIM on pole



asymmetric illumination

### Order options

BASE PLATE	
U-shape	4
T-shape	5

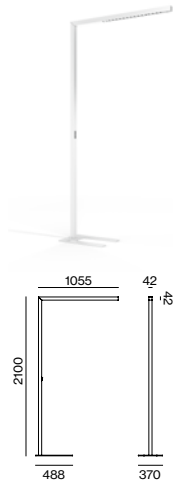


COLOUR TEMPERATURE	
3000K	5
4000K	6

CONTROL	
Loxone Air incl.	T
touch DIM on pole	
Loxone Air incl.	S
ESSENTIAL sensor (brightness & presence)	

MATERIAL COLOUR	
○ pure white RAL 9010	7
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LIGHT OPTIC COLOUR	
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### BETO free standing



#### DIRECT / INDIRECT SOFT

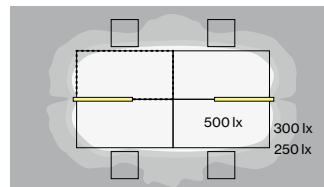
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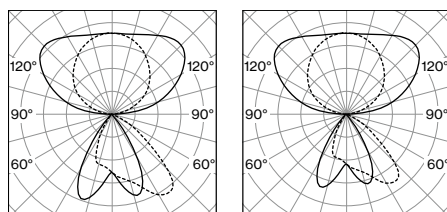
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