



reddot winner 2020

BETO

free standing

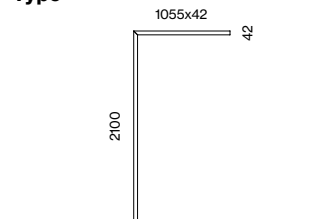
EN Free standing luminaire from extruded aluminium profile in angular design; extremely slim design (only 42 x 42 mm); rectangular downpipe; pedestal with recess for table base; surface powder coated; direct/indirect light distribution; direct light component with high-gloss reflector + faceted design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

DE Stehleuchte aus Aluminiumstrangpressprofil in kantiger Ausführung; extrem schlanke Bauform (nur 42 x 42 mm); 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 \varnothing 4,5m am Fußboden (Variante brightness & presence sensor); inkl. Anschlussleitung (3m) mit Schutzkontaktstecker

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



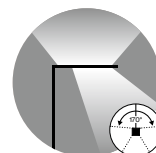
Colours



Light distributions



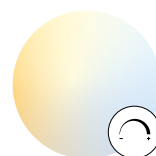
lighting control by
touch DIM on pole



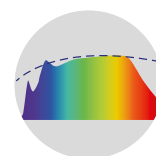
asymmetric
illumination



SENSE sensor
on request



tunable white
2700–6500 K

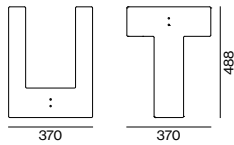


CRI \geq 98
XPECTRUM

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

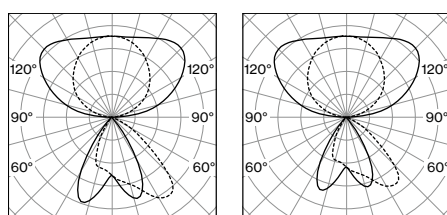
COLOUR TEMPERATURE

tunable white 2700–6500K
DALI-2 DT8

CONTROL

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

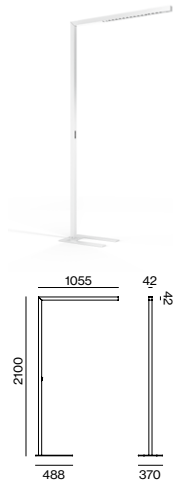
Light distributions



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

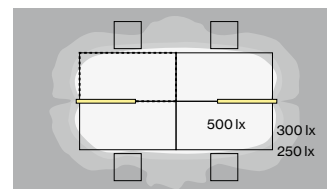
SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
52W	3000K	↓ 1770 / ↑ 5030lm	0 7 4 - 6 9 4 U :: ⚡
	4000K	↓ 1950 / ↑ 5550lm	



DIRECT / INDIRECT POWER

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

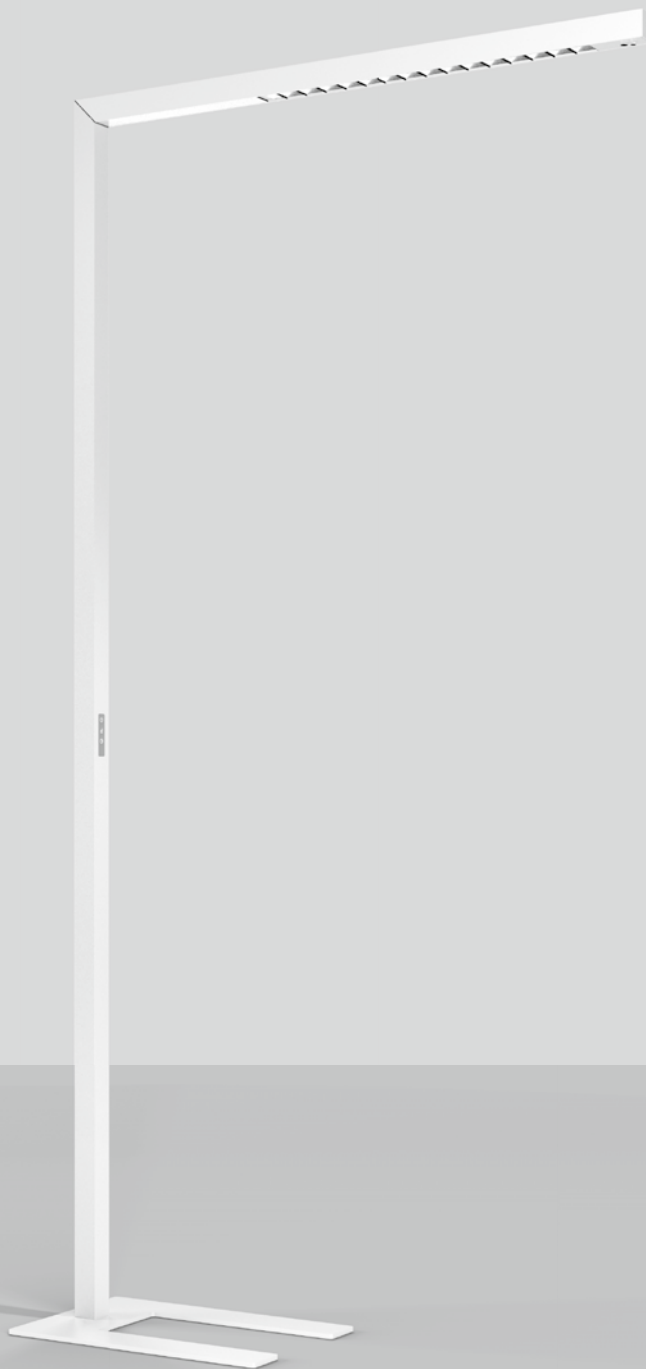
CALCULATION SURFACE

Surface dimensions	1.6 × 0.8
Surface height	0.75
Average illuminance (E _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





BETO

free standing

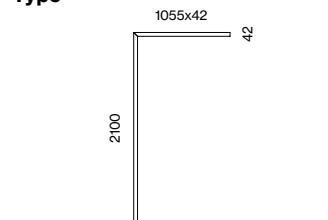
EN Free standing luminaire from extruded aluminium profile in angular design; extremely slim design (only 42 × 42 mm); square downpipe; pedestal with recess for table base; powder coated; direct/indirect light distribution; direct light component with high gloss reflector + faceted design and asymmetric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



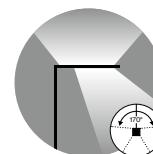
Light distributions



lighting control by Loxone Air



lighting control by touch DIM on pole

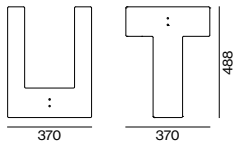


asymmetric illumination

Order options

BASE PLATE

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T-shape	5



COLOUR TEMPERATURE

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CONTROL

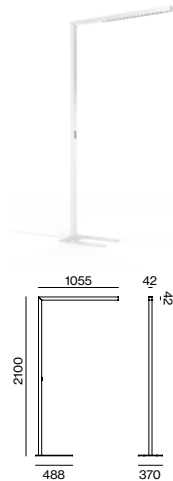
Loxone Air incl.	T
touch DIM on pole	
Loxone Air incl.	S
ESSENTIAL sensor (brightness & presence)	

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DIRECT / INDIRECT SOFT

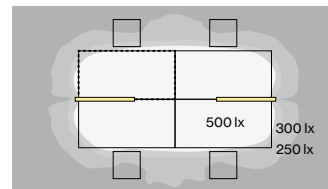
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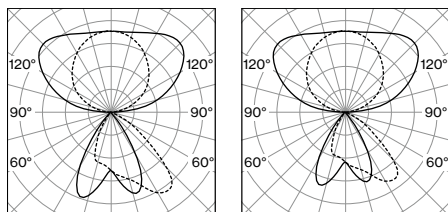
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