Quickinfo

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

Type

1055x42
42
2100

Colours

standard   xal.com/colours   reflector

Light distributions

direct indir. soft   direct indir. power

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 ø 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 platines 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 ø 4,5 m au sol (variante brightness & presence sensor) ; incl. câble raccordement (3 m) avec fiche contact de protection

lighting control by
touch DIM on pole

asymmetric
illumination

SENSE sensor
on request
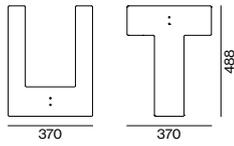
tunable white
2700 – 6500 K

CRI ≥ 98
XPECTRUM

Order options

BASE PLATE ⊔

U-shape	4
T-shape	5

488
370   370

COLOUR TEMPERATURE ⠿

3000 K (CRI ≥ 90)	0
4000 K (CRI ≥ 90)	1
3000 K (CRI ≥ 80)	5
4000 K (CRI ≥ 80)	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	X

REFLECTOR COLOUR ■

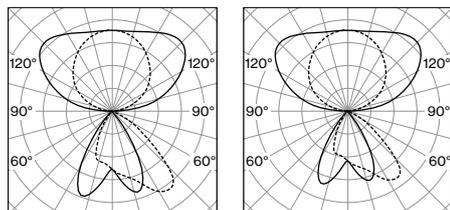|	
chrome	R
● dark chrome	B

Options on request

COLOUR RENDERING INDEX
CRI ≥ 98 XPECTRUM

COLOUR TEMPERATURE
tunable white 2700 – 6500 K

DALI-2 DT8

CONTROL
SENSE sensor (brightness, presence, temperature, sound pressure, humidity, CO_2)

cluster network DIM
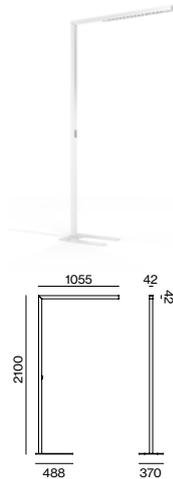
dynamic daylight control (BPI)

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

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1055
42 / 42
2100
488   370

BETO free standing

▪	UGR ≤ 13	⏚ 220–240V	☀ X-PERT	~⟳ X-PERT

DIRECT / INDIRECT SOFT

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
51 W	3000 K	↓1790 / ↑5020 lm	0 7 4 - 6 9 4 ⊔ ⠿ ⬍ ◪ ■
	4000 K	↓2030 / ↑5710 lm	

✕	UGR ≤ 13	⏚ 220–240V	☀ X-PERT	~⟳ X-PERT

DIRECT / INDIRECT POWER

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
66 W	3000 K	↓2020 / ↑6630 lm	0 7 4 - 6 9 5 ⊔ ⠿ ⬍ ◪ ■
	4000 K	↓2300 / ↑7550 lm	

Technical data

500 lx
300 lx
250 lx

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_0)	>0.6

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

Quickinfo

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

Type

1055x42
42
2100

Colours

standard   xal.com/colours   reflector

Light distributions

direct indir. soft   direct indir. power

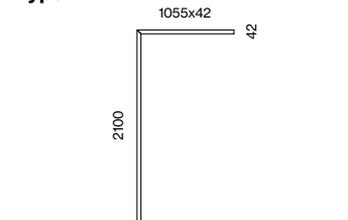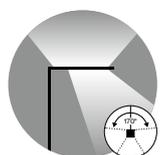reddot winner 2020

works with Loxone

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 (3m) 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 (3m) mit Schutzkontaktstecker

LOXONE

lighting control by
Loxone Air
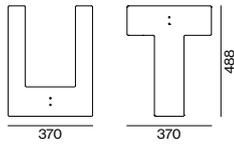
lighting control by
touch DIM on pole

asymmetric
illumination

Order options

BASE PLATE ⊔

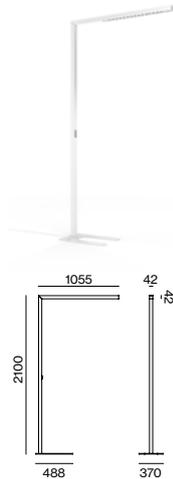|	
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370   370   488

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CONTROL ⬍

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

MATERIAL COLOUR ◩

○ pure white RAL 9010	7
● jet black RAL 9005	8
special colours	X

REFLECTOR COLOUR ■

◿ chrome	R
● dark chrome	B

1055   42   42   2100   488   370

BETO free standing

⊞	UGR ≤13	⏚ 220-240V	☼ X-PERT	~⟲ X-PERT

DIRECT / INDIRECT SOFT

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DIRECT / INDIRECT POWER

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