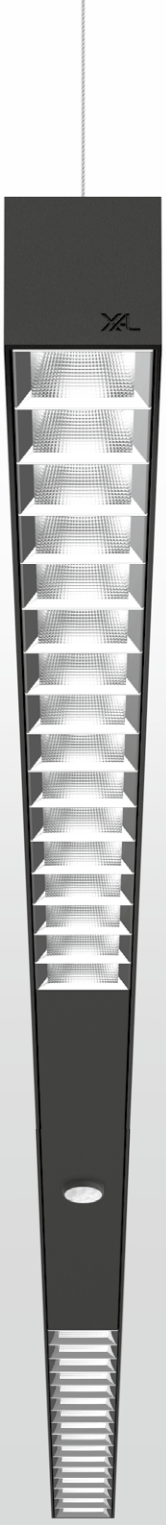
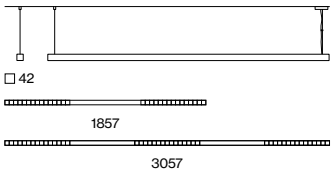


Quickinfo

3000 K, 4000 K, TW
CRI ≥ 80, CRI ≥ 90, 3 SDCM
UGR ≤ 16 / 65° ≤ 1500 cd/m²
up to 156 lm/W
L90 @ 50 000 h
DALI-2, DALI-2 sensor
reflector (UGR ≤ 16)

Types

BETO suspended



Colours

luminaire reflector

Light distributions

indir. direct indirect

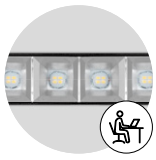
BETO

suspended

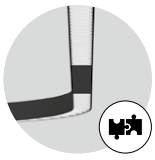
EN Luminaire housing from extruded aluminium profile, angular design; extremely slim design (only 42 × 42 mm); no visible screws; surface powder coated; pendant fitting with cable suspension; with integrated tool-less suspension height adjustment; spring clip attachment to the luminaire; freely positionable; with feeder cable; extruded profile for improved thermal management; high-gloss reflector with faceted design; direct / indirect light distribution; indirect light component with integrated PC boards and high-quality lens system for maximum, homogeneous ceiling illumination, optionally separately controllable; energy-efficient LEDs with very good colour rendering

FR Corps de luminaire en profil extrudé en alu, version arête ; forme extrêmement élancée (seulement 42 × 42 mm) ; aucune vis visible ; surface thermolaquée ; suspension par câble ; réglage en hauteur sans outil au luminaire ; fixation au luminaire au moyen de clips à ressort ; positionnement libre ; conduit d'alimentation inclus ; profil extrudé pour une meilleure gestion de la température ; réflecteur ultra-brillant avec optique à facettes ; caractéristique de rayonnement direct / indirect ; dispositif d'éclairage indirect avec platines dédiées et optique de lentille de grande qualité pour un éclairage maximal et homogène du plafond, contrôle séparé en option ; LED économes en énergie à restitution de couleur élevée

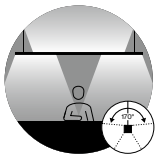
DiiA® standards
251, 252, 253



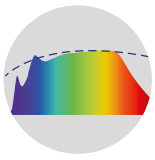
DIN EN 12464-1
UGR ≤ 19



system
solution (p. 838)



glare-free direct
and 170° indirect
illumination



CRI ≥ 98
XPECTRUM

Order options

COLOUR TEMPERATURE

3000 K (CRI ≥ 90)	0
4000 K (CRI ≥ 90)	1
3000 K (CRI ≥ 80)	5
4000 K (CRI ≥ 80)	6
tunable white 2700 – 6500 K*	

*DALI-2 DT8, CRI ≥ 90

3000 K + TW 2700 – 6500 K*	
4000 K + TW 2700 – 6500 K*	

*DALI-2 DT8 (separately controllable), CRI ≥ 90

CONTROL

DALI-2	3
DALI-2 D/I separately control.*	4
DALI-2 sensor	7

*not for tunable white 1857 mm; not for indirect power

MATERIAL COLOUR

○ pure white RAL 9010	7
● jet black RAL 9005	8

REFLECTOR COLOUR

chrome	R
dark chrome	B

LIGHT OPTIC COVER

reflector (UGR ≤ 16)

Options on request

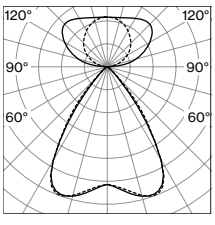
COLOUR RENDERING INDEX

CRI ≥ 98 XPECTRUM

CONTROL

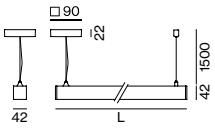
Casambi

Light distribution



reflector (UGR ≤ 16)
direct / indirect power

LUMINOUS FLUX value calculated for CRI ≥ 80, colour white, reflector chrome; reflector black -29 %

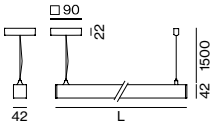


BETO suspended

UGR ≤ 16 | cd/m² ≤1500 | DALI 1 ADDR. | 220-240 V | X-PERT | X-PERT

INDIRECT POWER

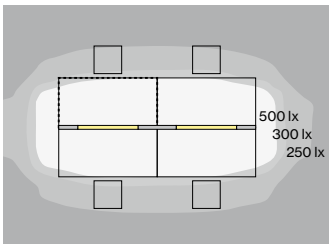
SYS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
56 W	3000 K	↥ 7330 lm	3457	0 7 4 - 6 2 N 9
	4000 K	↥ 8360 lm		
63 W	2700 – 6500 K	↥ 6880 lm	3457	0 7 4 - 6 2 N 9 D



DIRECT / INDIRECT POWER

SYS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
49 W	3000 K	↧ 3240 / ↥ 3450 lm	1857	0 7 4 - 6 2 4 6
	4000 K	↧ 3690 / ↥ 3930 lm		
53 W (2 × DALI)	3000 K	↧ 2970 lm	1857	0 7 4 - 6 2 D 6 0 4
	2700 – 6500 K	↥ 3050 lm		
53 W (2 × DALI)	4000 K	↧ 3200 lm	1857	0 7 4 - 6 2 D 6 1 4
	2700 – 6500 K	↥ 3050 lm		
53 W (2 ×)	2700 – 6500 K	↧↥ 6210 lm	1857	0 7 4 - 6 2 4 6 D
86 W	3000 K	↧ 4860 / ↥ 6900 lm	3057	0 7 4 - 6 2 4 9
	4000 K	↧ 5530 / ↥ 7850 lm		
93 W (2 × DALI)	3000 K	↧ 4450 lm	3057	0 7 4 - 6 2 D 9 0 4
	2700 – 6500 K	↥ 6110 lm		
93 W (2 × DALI)	4000 K	↧ 4810 lm	3057	0 7 4 - 6 2 D 9 1 4
	2700 – 6500 K	↥ 6110 lm		
92 W (2 ×)	2700 – 6500 K	↧↥ 13220 lm	3057	0 7 4 - 6 2 4 9 D

Technical data



BETO suspended, 86 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
Mounting height	2.25 m

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

65° < 1500 cd/m²