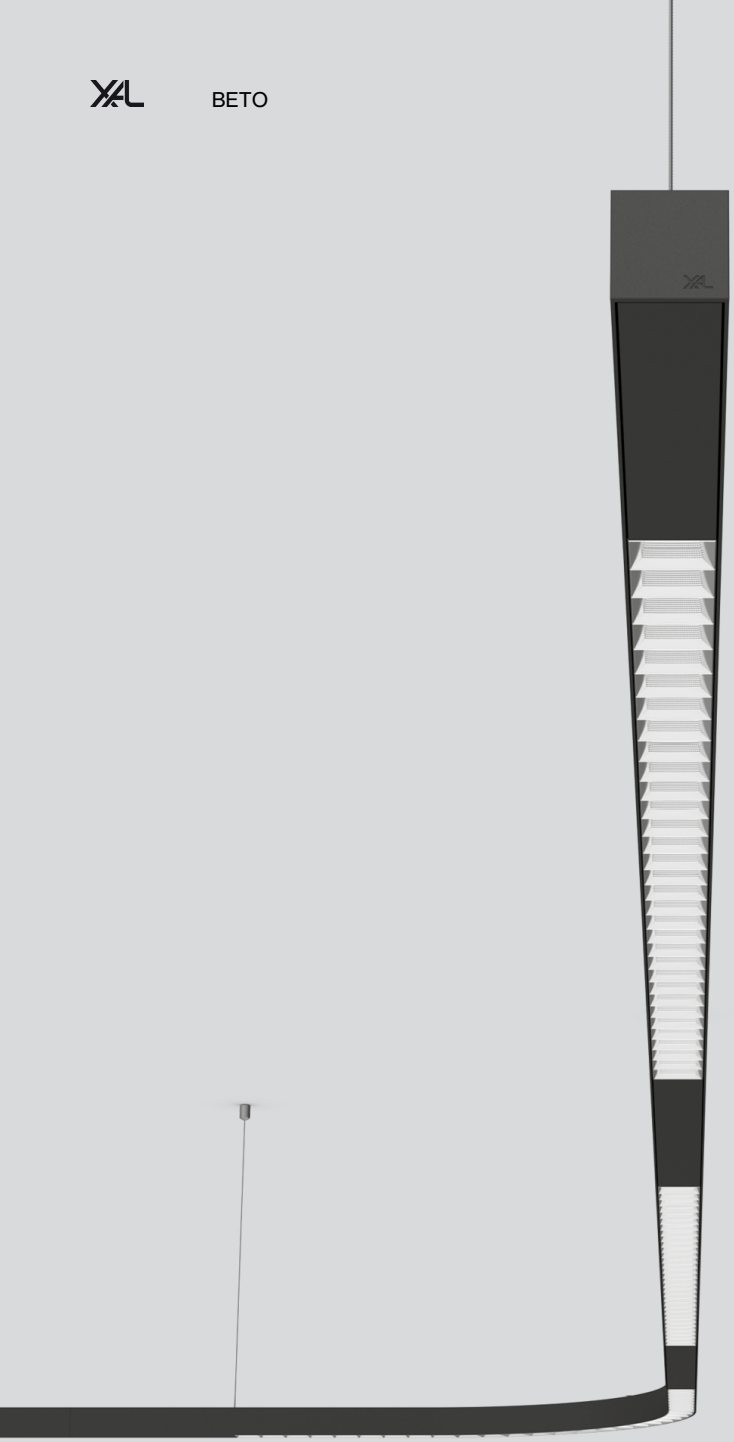


BETO

ceiling / suspended system

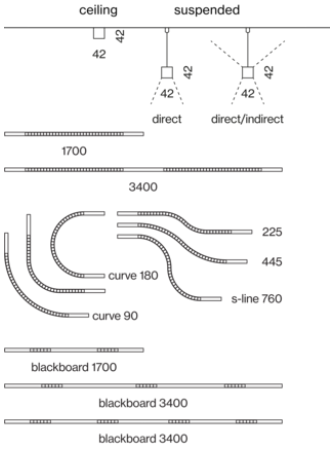
EN Luminaire housing from extruded aluminium profile, angular design (only 42 x 42 mm); no visible screws; designed for lighting systems; different versions: choice of linear, S-shaped or CURVE segment design (90° or 180°); surface powder coated; for ceiling surface mounting or suspended mounting; pendant fitting with cable suspension; height adjustment without tools; spring clip attachment to the luminaire; incl. feeder cable; extruded profile for improved thermal management; high gloss reflector with faceted design; either with direct or direct / indirect light distribution, or with high quality aluminum-vaporised micro-faceted reflector for homogeneous vertical lighting intensity; indirect light component with integrated PC boards and high quality lens system for maximum, homogeneous ceiling illumination, separately controllable; energy-efficient LEDs with very good colour rendering

IT Corpo illuminante in profilo di alluminio estruso, modello squadrato (solo 42 x 42 mm); nessuna vite visibile; progettato per sistemi di illuminazione; diverse varianti: forma a scelta tra lineare, a S o come elemento CURVE (90° o 180°); verniciatura a polvere; per montaggio a plafone su soffitto oppure in sospensione; sospeso con cavo a sospensione; regolazione altezza senza utensili; fissaggio sull'apparecchio tramite clip a molla; incl. cavo di alimentazione; profilo di alluminio estruso per migliorare il bilancio termico; riflettore ad alta lucentezza con design sfaccettato; a scelta con emissione diretta o diretta/indiretta, oppure con riflettore di alta qualità con microsfaccettature vaporizzato in alluminio per illuminamento verticale omogeneo; luce indiretta con chip dedicati e ottica lenticolare d'alta qualità, per una luminosità estensiva ed omogenea sul soffitto, con comandi separati; LED ad efficienza energetica con elevata resa cromatica

Quickinfo

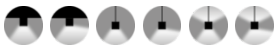
3000 K, 4000 K
CRI ≥ 80, CRI ≥ 90 / 3 SDCM (initial MacAdam)
UGR ≤ 10, UGR ≤ 13, UGR ≤ 16, UGR ≤ 19
fino a ↓ 10.200 lm/ ↑ 8.640 lm
fino a 165 lm/W
L90 / 50000 h, L90 / 75000 h
DALI-2, DALI-2 / DALI-2
ESSENTIAL sensor
Reflector
IP20 / classe isolamento 1 / 220-240 V
654 mm, 954 mm, 1.035 mm, 1.265 mm, 1.580 mm, 1.641 mm, 1.700 mm, 3.400 mm,

Types



Colours

Distribuzione della luce





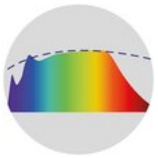
curve elements



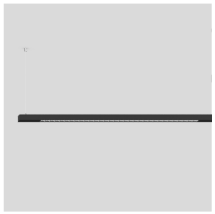
DIN EN 12464-1
UGR ≤ 19

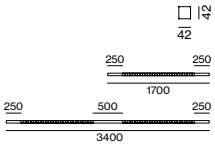


glare-free direct and 170° indirect illumination



CRI ≥ 98
XPECTRUM
(optional)



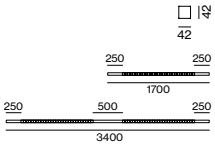


BETO linear ceiling / suspended system

CRI ≥ 90 · UGR ≤ 16 · cd/m² ≤ 1500 · 220-240 V · 1-2 ADDR. · X-PERT · X-PERT · presence · brightness

DIRECT

SYSTEM	LENGTH	COLOUR TEMP.	CRI ≥	REFLECTOR	LUM. FLUX	EFFICACY	ORDER CODE
22.6 W	1700 mm	3000 K	80	chrome	3390 lm	150 lm/W	074-600653 ◪ R
				dark chr.	2430 lm	108 lm/W	074-600653 ◪ B
			90	chrome	2960 lm	131 lm/W	074-600603 ◪ R
				dark chr.	2120 lm	94 lm/W	074-600603 ◪ B
		4000 K	80	chrome	3610 lm	160 lm/W	074-600663 ◪ R
				dark chr.	2580 lm	114 lm/W	074-600663 ◪ B
			90	chrome	2960 lm	131 lm/W	074-600613 ◪ R
				dark chr.	2120 lm	94 lm/W	074-600613 ◪ B
44.0 W	3400 mm	3000 K	80	chrome	6800 lm	155 lm/W	074-600955 ◪ R
				dark chr.	4840 lm	110 lm/W	074-600955 ◪ B
			90	chrome	5920 lm	135 lm/W	074-600900 ◪ R
				dark chr.	4240 lm	96 lm/W	074-600900 ◪ B
		4000 K	80	chrome	7240 lm	165 lm/W	074-600966 ◪ R
				dark chr.	5160 lm	117 lm/W	074-600966 ◪ B
			90	chrome	5920 lm	135 lm/W	074-600911 ◪ R
				dark chr.	4240 lm	96 lm/W	074-600911 ◪ B



BETO linear suspended system

CRI ≥ 90 · UGR ≤ 10 · cd/m² ≤ 1500 · 220-240 V · 2-3 ADDR. · X-PERT · X-PERT · presence · brightness

DIRECT / INDIRECT POWER

SYSTEM	LENGTH	COLOUR TEMP.	CRI ≥	REFLECTOR	LUM. FLUX	EFFICACY	ORDER CODE
50.0 W	1700 mm	3000 K	80	chrome	↧3390/↥3710 lm	142 lm/W	074-603653 ◪ R
				dark chr.	↧2430/↥3710 lm	123 lm/W	074-603653 ◪ B
			90	chrome	↧2960/↥3200 lm	123 lm/W	074-603603 ◪ R
				dark chr.	↧2120/↥3200 lm	106 lm/W	074-603603 ◪ B
		4000 K	80	chrome	↧3610/↥4220 lm	157 lm/W	074-603663 ◪ R
				dark chr.	↧2580/↥4220 lm	136 lm/W	074-603663 ◪ B
			90	chrome	↧2960/↥3460 lm	128 lm/W	074-603613 ◪ R
				dark chr.	↧2120/↥3460 lm	112 lm/W	074-603613 ◪ B
95.0 W	3400 mm	3000 K	80	chrome	↧6790/↥7330 lm	149 lm/W	074-603955 ◪ R
				dark chr.	↧4860/↥7330 lm	128 lm/W	074-603955 ◪ B
			90	chrome	↧5910/↥6320 lm	129 lm/W	074-603900 ◪ R
				dark chr.	↧4230/↥6320 lm	111 lm/W	074-603900 ◪ B
		4000 K	80	chrome	↧7220/↥8350 lm	164 lm/W	074-603966 ◪ R
				dark chr.	↧5170/↥8350 lm	142 lm/W	074-603966 ◪ B
			90	chrome	↧5910/↥6830 lm	134 lm/W	074-603911 ◪ R
				dark chr.	↧4230/↥6830 lm	116 lm/W	074-603911 ◪ B

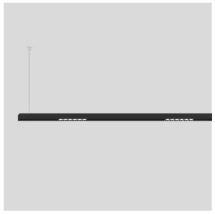
Order options

CONTROL		COLOUR	
DALI-2	3	pure white RAL 9010	7
DALI-2 / DALI-2 ESSENTIAL sensor	7	jet black RAL 9005	8

DIRECT / INDIRECT 2700-6500K POWER CRI ≥ 90

SYSTEM	COLOUR TEMP.	REFLECTOR	LUM. FLUX	EFFICACY	ORDER CODE
106.0 W	↧ 3000 K/ ↥ tunable w.	chrome	↧6410/↥6870 lm	125 lm/W	0 7 4 - 6 0 D 9 0 ◆ ◪ R
		dark chr.	↧4590/↥6870 lm	108 lm/W	0 7 4 - 6 0 D 9 0 ◆ ◪ B
	↧ 4000 K/ ↥ tunable w.	chrome	↧6410/↥6870 lm	125 lm/W	0 7 4 - 6 0 D 9 1 ◆ ◪ R
		dark chr.	↧4590/↥6870 lm	108 lm/W	0 7 4 - 6 0 D 9 1 ◆ ◪ B

only available in length 3400 mm

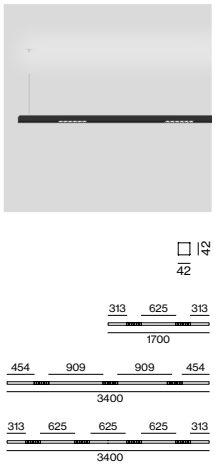


BETO linear blackboard ceiling / suspended system

CRI ≥ 90 · 220-240 V · 1-2 ADDR. · X-PERT · X-PERT

WALLWASHER DALI-2

VARIANT	LENGTH	COLOUR TEMP.	CRI ≥	SYSTEM	LUM. FLUX	EFFICACY	ORDER CODE
2 optics	1700 mm	3000 K	80	45.0 W	5020 lm	112 lm/W	0 7 4 - 7 7 0 6 5 3 ◪ R
			90	47.0 W	4500 lm	96 lm/W	0 7 4 - 7 7 0 6 0 3 ◪ R
		4000 K	80	46.0 W	5120 lm	111 lm/W	0 7 4 - 7 7 0 6 6 3 ◪ R
			90	47.0 W	4200 lm	89 lm/W	0 7 4 - 7 7 0 6 1 3 ◪ R
3 optics	3400 mm	3000 K	80	67.0 W	7530 lm	112 lm/W	0 7 4 - 7 7 1 9 5 3 ◪ R
			90	68.0 W	6750 lm	99 lm/W	0 7 4 - 7 7 1 9 0 3 ◪ R
		4000 K	80	67.0 W	7680 lm	115 lm/W	0 7 4 - 7 7 1 9 6 3 ◪ R
			90	68.0 W	6300 lm	93 lm/W	0 7 4 - 7 7 1 9 1 3 ◪ R
4 optics	3400 mm	3000 K	80	88.0 W	10000 lm	114 lm/W	0 7 4 - 7 7 2 9 5 3 ◪ R
			90	91.0 W	9000 lm	99 lm/W	0 7 4 - 7 7 2 9 0 3 ◪ R
		4000 K	80	90.0 W	10200 lm	113 lm/W	0 7 4 - 7 7 2 9 6 3 ◪ R
			90	91.0 W	8400 lm	92 lm/W	0 7 4 - 7 7 2 9 1 3 ◪ R



BETO linear blackboard suspended system

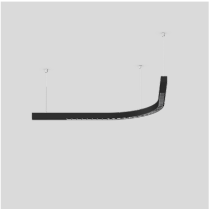
CRI ≥ 90 · 220-240 V · 2-3 ADDR. · X-PERT · X-PERT

WALLWASHER / INDIRECT DALI-2

VARIANT	LENGTH	COLOUR TEMP.	CRI ≥	SYSTEM	LUM. FLUX	EFFICACY	ORDER CODE
2 optics	1700 mm	3000 K	80	71.0 W	↧5020/↥3970 lm	127 lm/W	0 7 4 - 7 7 3 6 5 3 ◪ R
			90	72.0 W	↧4200/↥3460 lm	106 lm/W	0 7 4 - 7 7 3 6 0 3 ◪ R
		4000 K	80	71.0 W	↧5120/↥4220 lm	132 lm/W	0 7 4 - 7 7 3 6 6 3 ◪ R
			90	72.0 W	↧4510/↥3460 lm	111 lm/W	0 7 4 - 7 7 3 6 1 3 ◪ R
3 optics	3400 mm	3000 K	80	120.0 W	↧7530/↥8120 lm	130 lm/W	0 7 4 - 7 7 4 9 5 3 ◪ R
			90	122.0 W	↧6300/↥7070 lm	110 lm/W	0 7 4 - 7 7 4 9 0 3 ◪ R
		4000 K	80	122.0 W	↧7680/↥8640 lm	134 lm/W	0 7 4 - 7 7 4 9 6 3 ◪ R
			90	122.0 W	↧6760/↥7070 lm	113 lm/W	0 7 4 - 7 7 4 9 1 3 ◪ R
4 optics	3400 mm	3000 K	80	142.0 W	↧10000/↥8120 lm	127 lm/W	0 7 4 - 7 7 5 9 5 3 ◪ R
			90	145.0 W	↧8400/↥7070 lm	107 lm/W	0 7 4 - 7 7 5 9 0 3 ◪ R
		4000 K	80	144.0 W	↧10200/↥8640 lm	131 lm/W	0 7 4 - 7 7 5 9 6 3 ◪ R
			90	145.0 W	↧9020/↥7070 lm	111 lm/W	0 7 4 - 7 7 5 9 1 3 ◪ R

Order options

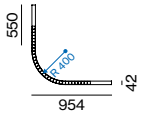
CONTROL ◆		COLOUR ◪	
DALI-2	3	pure white RAL 9010	7
DALI-2 / DALI-2 ESSENTIAL sensor	7	jet black RAL 9005	8



BETO CURVE 400 | 90° ceiling / suspended system

CRI ≥ 90 · UGR ≤ 16 · cd/m² ≤ 1500 · 220-240 V · DALI 1 ADDR. · X-PERT · X-PERT

DIRECT DALI-2



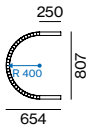
SYSTEM	COLOUR TEMP.	CRI ≥	REFLECTOR	LUM. FLUX	EFFICACY	ORDER CODE
22.6 W	3000 K	80	chrome	3390 lm	150 lm/W	074-710153 R
			dark chr.	2430 lm	108 lm/W	074-710153 B
		90	chrome	2960 lm	131 lm/W	074-710103 R
			dark chr.	2120 lm	94 lm/W	074-710103 B
	4000 K	80	chrome	3610 lm	160 lm/W	074-710163 R
			dark chr.	2580 lm	114 lm/W	074-710163 B
		90	chrome	2960 lm	131 lm/W	074-710113 R
			dark chr.	2120 lm	94 lm/W	074-710113 B



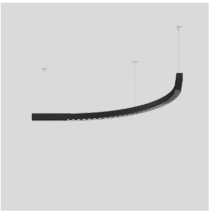
BETO CURVE 400 | 180 ° ceiling / suspended system

CRI ≥ 90 · UGR ≤ 16 · cd/m² ≤ 1500 · 220-240 V · DALI 1 ADDR. · X-PERT · X-PERT

DIRECT DALI-2



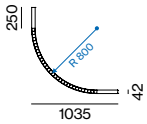
SYSTEM	COLOUR TEMP.	CRI ≥	REFLECTOR	LUM. FLUX	EFFICACY	ORDER CODE
22.6 W	3000 K	80	chrome	3390 lm	150 lm/W	074-710253 R
			dark chr.	2430 lm	108 lm/W	074-710253 B
		90	chrome	2960 lm	131 lm/W	074-710203 R
			dark chr.	2120 lm	94 lm/W	074-710203 B
	4000 K	80	chrome	3610 lm	160 lm/W	074-710263 R
			dark chr.	2580 lm	114 lm/W	074-710263 B
		90	chrome	2960 lm	131 lm/W	074-710213 R
			dark chr.	2120 lm	94 lm/W	074-710213 B



BETO CURVE 800 | 90° ceiling / suspended system

CRI ≥ 90 · UGR ≤ 16 · cd/m² ≤ 1500 · 220-240 V · DALI 1 ADDR. · X-PERT · X-PERT

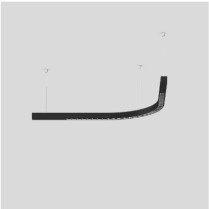
DIRECT DALI-2



SYSTEM	COLOUR TEMP.	CRI ≥	REFLECTOR	LUM. FLUX	EFFICACY	ORDER CODE
22.6 W	3000 K	80	chrome	3390 lm	150 lm/W	074-710353 R
			dark chr.	2430 lm	108 lm/W	074-710353 B
		90	chrome	2960 lm	131 lm/W	074-710303 R
			dark chr.	2120 lm	94 lm/W	074-710303 B
	4000 K	80	chrome	3610 lm	160 lm/W	074-710363 R
			dark chr.	2580 lm	114 lm/W	074-710363 B
		90	chrome	2960 lm	131 lm/W	074-710313 R
			dark chr.	2120 lm	94 lm/W	074-710313 B

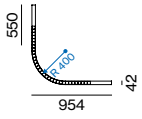
Order options

COLOUR	
pure white RAL 9010	7
jet black RAL 9005	8



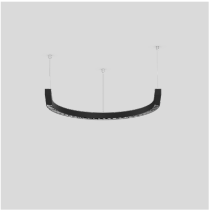
BETO CURVE 400 | 90° suspended system

CRI ≥90 · UGR ≤10 · cd/m² ≤1500 · 220-240 V · 2 ADDR. · X-PERT · X-PERT



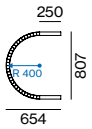
DIRECT / INDIRECT POWER DALI-2

SYSTEM	COLOUR TEMP.	CRI ≥	REFLECTOR	LUM. FLUX	EFFICACY	ORDER CODE
51.0 W	3000 K	80	chrome	↧3390/↥3960 lm	144 lm/W	074-713153 R
			dark chr.	↧2430/↥3960 lm	125 lm/W	074-713153 B
		90	chrome	↧2960/↥3410 lm	125 lm/W	074-713103 R
			dark chr.	↧2120/↥3410 lm	108 lm/W	074-713103 B
	4000 K	80	chrome	↧3610/↥4510 lm	159 lm/W	074-713163 R
			dark chr.	↧2580/↥4510 lm	139 lm/W	074-713163 B
		90	chrome	↧2960/↥3690 lm	130 lm/W	074-713113 R
			dark chr.	↧2120/↥3690 lm	114 lm/W	074-713113 B



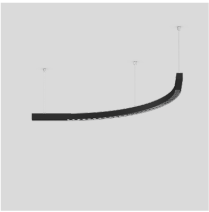
BETO CURVE 400 | 180 ° suspended system

CRI ≥90 · UGR ≤10 · cd/m² ≤1500 · 220-240 V · 2 ADDR. · X-PERT · X-PERT



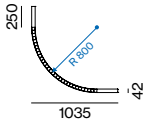
DIRECT / INDIRECT POWER DALI-2

SYSTEM	COLOUR TEMP.	CRI ≥	REFLECTOR	LUM. FLUX	EFFICACY	ORDER CODE
51.0 W	3000 K	80	chrome	↧3390/↥3960 lm	144 lm/W	074-713253 R
			dark chr.	↧2430/↥3960 lm	125 lm/W	074-713253 B
		90	chrome	↧2960/↥3410 lm	125 lm/W	074-713203 R
			dark chr.	↧2120/↥3410 lm	108 lm/W	074-713203 B
	4000 K	80	chrome	↧3610/↥4510 lm	159 lm/W	074-713263 R
			dark chr.	↧2580/↥4510 lm	139 lm/W	074-713263 B
		90	chrome	↧2960/↥3690 lm	130 lm/W	074-713213 R
			dark chr.	↧2120/↥3690 lm	114 lm/W	074-713213 B



BETO CURVE 800 | 90° suspended system

CRI ≥90 · UGR ≤10 · cd/m² ≤1500 · 220-240 V · 2 ADDR. · X-PERT · X-PERT

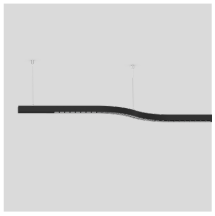


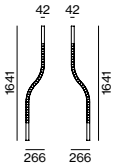
DIRECT / INDIRECT POWER DALI-2

SYSTEM	COLOUR TEMP.	CRI ≥	REFLECTOR	LUM. FLUX	EFFICACY	ORDER CODE
51.0 W	3000 K	80	chrome	↧3390/↥3960 lm	144 lm/W	074-713353 R
			dark chr.	↧2430/↥3960 lm	125 lm/W	074-713353 B
		90	chrome	↧2960/↥3410 lm	125 lm/W	074-713303 R
			dark chr.	↧2120/↥3410 lm	108 lm/W	074-713303 B
	4000 K	80	chrome	↧3610/↥4510 lm	159 lm/W	074-713363 R
			dark chr.	↧2580/↥4510 lm	139 lm/W	074-713363 B
		90	chrome	↧2960/↥3690 lm	130 lm/W	074-713313 R
			dark chr.	↧2120/↥3690 lm	114 lm/W	074-713313 B

Order options

COLOUR	
pure white RAL 9010	7
jet black RAL 9005	8





225 L 225 R
bottom view

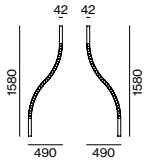
BETO s-line 225 ceiling / suspended system

CRI ≥ 90 | UGR ≤ 16 | cd/m² ≤ 1500 | 220-240 V | 1 ADDR. | X-PERT | X-PERT

DIRECT DALI-2

SYSTEM	COLOUR TEMP.	CRI ≥	REFLECTOR	LUM. FLUX	EFFICACY	ORDER CODE
22.6 W	3000 K	80	chrome	3390 lm	150 lm/W	0 7 4 - 7 2 0 σ 5 3 ◪ R
			dark chr.	2430 lm	108 lm/W	0 7 4 - 7 2 0 σ 5 3 ◪ B
		90	chrome	2960 lm	131 lm/W	0 7 4 - 7 2 0 σ 0 3 ◪ R
			dark chr.	2120 lm	94 lm/W	0 7 4 - 7 2 0 σ 0 3 ◪ B
	4000 K	80	chrome	3610 lm	160 lm/W	0 7 4 - 7 2 0 σ 6 3 ◪ R
			dark chr.	2580 lm	114 lm/W	0 7 4 - 7 2 0 σ 6 3 ◪ B
		90	chrome	2960 lm	131 lm/W	0 7 4 - 7 2 0 σ 1 3 ◪ R
			dark chr.	2120 lm	94 lm/W	0 7 4 - 7 2 0 σ 1 3 ◪ B





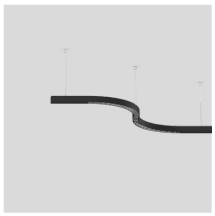
445 L 445 R
bottom view

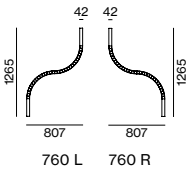
BETO s-line 445 ceiling / suspended system

CRI ≥ 90 | UGR ≤ 16 | cd/m² ≤ 1500 | 220-240 V | 1 ADDR. | X-PERT | X-PERT

DIRECT DALI-2

SYSTEM	COLOUR TEMP.	CRI ≥	REFLECTOR	LUM. FLUX	EFFICACY	ORDER CODE
22.6 W	3000 K	80	chrome	3390 lm	150 lm/W	0 7 4 - 7 2 0 σ_1 5 3 ◪ R
			dark chr.	2430 lm	108 lm/W	0 7 4 - 7 2 0 σ_1 5 3 ◪ B
		90	chrome	2960 lm	131 lm/W	0 7 4 - 7 2 0 σ_1 0 3 ◪ R
			dark chr.	2120 lm	94 lm/W	0 7 4 - 7 2 0 σ_1 0 3 ◪ B
	4000 K	80	chrome	3610 lm	160 lm/W	0 7 4 - 7 2 0 σ_1 6 3 ◪ R
			dark chr.	2580 lm	114 lm/W	0 7 4 - 7 2 0 σ_1 6 3 ◪ B
		90	chrome	2960 lm	131 lm/W	0 7 4 - 7 2 0 σ_1 1 3 ◪ R
			dark chr.	2120 lm	94 lm/W	0 7 4 - 7 2 0 σ_1 1 3 ◪ B





760 L 760 R
bottom view

BETO s-line 760 ceiling / suspended system

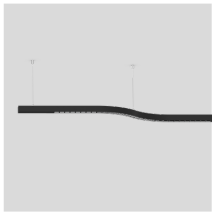
CRI ≥ 90 | UGR ≤ 16 | cd/m² ≤ 1500 | 220-240 V | 1 ADDR. | X-PERT | X-PERT

DIRECT DALI-2

SYSTEM	COLOUR TEMP.	CRI ≥	REFLECTOR	LUM. FLUX	EFFICACY	ORDER CODE
22.6 W	3000 K	80	chrome	3390 lm	150 lm/W	0 7 4 - 7 2 0 σ_2 5 3 ◪ R
			dark chr.	2430 lm	108 lm/W	0 7 4 - 7 2 0 σ_2 5 3 ◪ B
		90	chrome	2960 lm	131 lm/W	0 7 4 - 7 2 0 σ_2 0 3 ◪ R
			dark chr.	2120 lm	94 lm/W	0 7 4 - 7 2 0 σ_2 0 3 ◪ B
	4000 K	80	chrome	3610 lm	160 lm/W	0 7 4 - 7 2 0 σ_2 6 3 ◪ R
			dark chr.	2580 lm	114 lm/W	0 7 4 - 7 2 0 σ_2 6 3 ◪ B
		90	chrome	2960 lm	131 lm/W	0 7 4 - 7 2 0 σ_2 1 3 ◪ R
			dark chr.	2120 lm	94 lm/W	0 7 4 - 7 2 0 σ_2 1 3 ◪ B

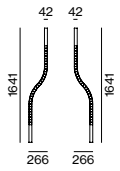
Order options

MOUNTING	σ	MOUNTING	σ_1	MOUNTING	σ_2	COLOUR	◪
L (left)	1	L (left)	5	L (left)	3	pure white RAL 9010	7
R (right)	2	R (right)	6	R (right)	4	jet black RAL 9005	8



BETO s-line 225 suspended system

CRI ≥90 · UGR ≤10 · cd/m² ≤1500 · 220-240 V · 2 ADDR. · X-PERT · X-PERT



225 L 225 R
bottom view

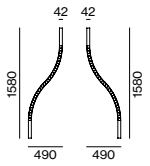
DIRECT / INDIRECT POWER DALI-2

SYSTEM	COLOUR TEMP.	CRI ≥	REFLECTOR	LUM. FLUX	EFFICACY	ORDER CODE
51.0 W	3000 K	80	chrome	↧3390/↥3960 lm	144 lm/W	0 7 4 - 7 2 3 ơ 5 3 ◪ R
			dark chr.	↧2430/↥3960 lm	125 lm/W	0 7 4 - 7 2 3 ơ 5 3 ◪ B
		90	chrome	↧2960/↥3410 lm	125 lm/W	0 7 4 - 7 2 3 ơ 0 3 ◪ R
			dark chr.	↧2120/↥3410 lm	108 lm/W	0 7 4 - 7 2 3 ơ 0 3 ◪ B
	4000 K	80	chrome	↧3610/↥4510 lm	159 lm/W	0 7 4 - 7 2 3 ơ 6 3 ◪ R
			dark chr.	↧2580/↥4510 lm	139 lm/W	0 7 4 - 7 2 3 ơ 6 3 ◪ B
		90	chrome	↧2960/↥3690 lm	130 lm/W	0 7 4 - 7 2 3 ơ 1 3 ◪ R
			dark chr.	↧2120/↥3690 lm	114 lm/W	0 7 4 - 7 2 3 ơ 1 3 ◪ B



BETO s-line 445 suspended system

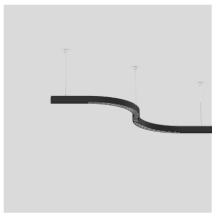
CRI ≥90 · UGR ≤10 · cd/m² ≤1500 · 220-240 V · 2 ADDR. · X-PERT · X-PERT



445 L 445 R
bottom view

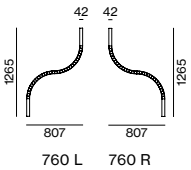
DIRECT / INDIRECT POWER DALI-2

SYSTEM	COLOUR TEMP.	CRI ≥	REFLECTOR	LUM. FLUX	EFFICACY	ORDER CODE
51.0 W	3000 K	80	chrome	↧3390/↥3960 lm	144 lm/W	0 7 4 - 7 2 3 $ơ_1$ 5 3 ◪ R
			dark chr.	↧2430/↥3960 lm	125 lm/W	0 7 4 - 7 2 3 $ơ_1$ 5 3 ◪ B
		90	chrome	↧2960/↥3410 lm	125 lm/W	0 7 4 - 7 2 3 $ơ_1$ 0 3 ◪ R
			dark chr.	↧2120/↥3410 lm	108 lm/W	0 7 4 - 7 2 3 $ơ_1$ 0 3 ◪ B
	4000 K	80	chrome	↧3610/↥4510 lm	159 lm/W	0 7 4 - 7 2 3 $ơ_1$ 6 3 ◪ R
			dark chr.	↧2580/↥4510 lm	139 lm/W	0 7 4 - 7 2 3 $ơ_1$ 6 3 ◪ B
		90	chrome	↧2960/↥3690 lm	130 lm/W	0 7 4 - 7 2 3 $ơ_1$ 1 3 ◪ R
			dark chr.	↧2120/↥3690 lm	114 lm/W	0 7 4 - 7 2 3 $ơ_1$ 1 3 ◪ B



BETO s-line 760 suspended system

CRI ≥90 · UGR ≤10 · cd/m² ≤1500 · 220-240 V · 2 ADDR. · X-PERT · X-PERT



760 L 760 R
bottom view

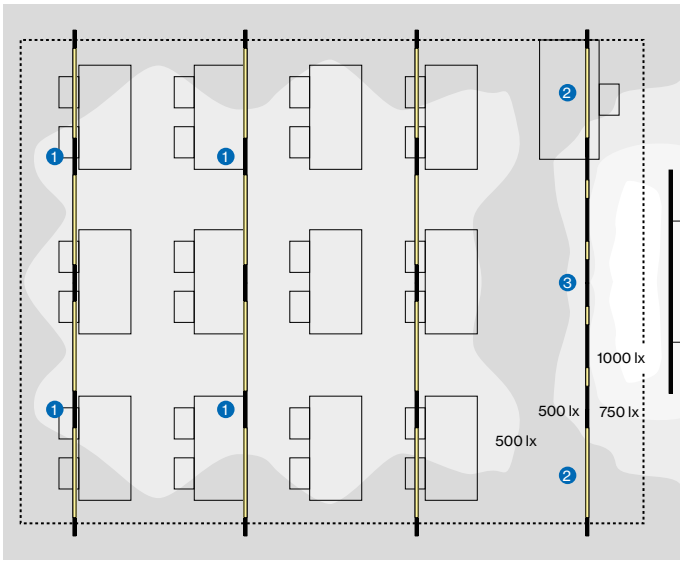
DIRECT / INDIRECT POWER DALI-2

SYSTEM	COLOUR TEMP.	CRI ≥	REFLECTOR	LUM. FLUX	EFFICACY	ORDER CODE
51.0 W	3000 K	80	chrome	↧3390/↥3960 lm	144 lm/W	0 7 4 - 7 2 3 $ơ_2$ 5 3 ◪ R
			dark chr.	↧2430/↥3960 lm	125 lm/W	0 7 4 - 7 2 3 $ơ_2$ 5 3 ◪ B
		90	chrome	↧2960/↥3410 lm	125 lm/W	0 7 4 - 7 2 3 $ơ_2$ 0 3 ◪ R
			dark chr.	↧2120/↥3410 lm	108 lm/W	0 7 4 - 7 2 3 $ơ_2$ 0 3 ◪ B
	4000 K	80	chrome	↧3610/↥4510 lm	159 lm/W	0 7 4 - 7 2 3 $ơ_2$ 6 3 ◪ R
			dark chr.	↧2580/↥4510 lm	139 lm/W	0 7 4 - 7 2 3 $ơ_2$ 6 3 ◪ B
		90	chrome	↧2960/↥3690 lm	130 lm/W	0 7 4 - 7 2 3 $ơ_2$ 1 3 ◪ R
			dark chr.	↧2120/↥3690 lm	114 lm/W	0 7 4 - 7 2 3 $ơ_2$ 1 3 ◪ B

Order options

MOUNTING	ơ	MOUNTING	$ơ_1$	MOUNTING	$ơ_2$	COLOUR	◪
L (left)	1	L (left)	5	L (left)	3	pure white RAL 9010	7
R (right)	2	R (right)	6	R (right)	4	jet black RAL 9005	8

Planning Information





❶ **BETO** 3400 ceiling system, 44 W, 4000 K
❷ **BETO** 1700 ceiling system, 22.6 W, 4000 K
❸ **BETO** 3400 blackboard ceiling, 91 W, 4000 K

ROOM VALUES

Room dimensions	9.5 × 7.5 × 3 m
Reflection factor	0.7 | 0.5 | 0.2
Maintenance factor	0.8
Mounting height	3 m

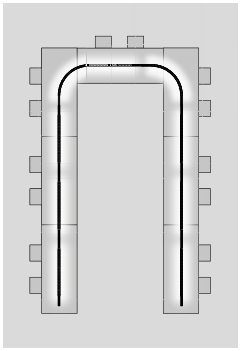
CALCULATION SURFACE

Surface dimensions	8.5 × 6.5
Surface height	0.75
Average illuminance (E_m)	> 500 lx
Uniformity (U_0)	> 0.6

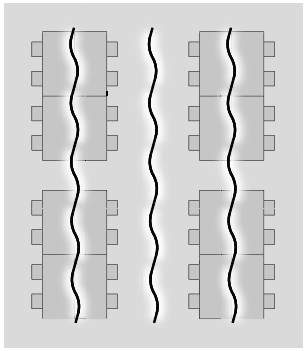
GLARE EVALUATION

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

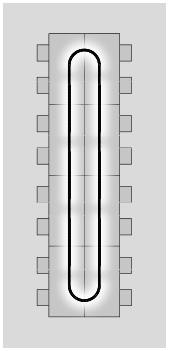
Arrangement examples (top view)



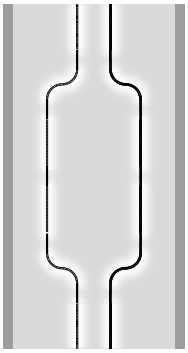
BETO curve 90
conference / seminar



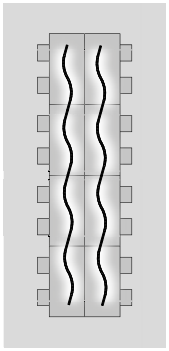
BETO s-line 445
office



BETO curve 180
conference

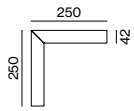


BETO s-line 760
corridor



BETO s-line 225
conference

Electrical mounting accessories



CORNER CONNECTOR 90° incl. through wire 5 × 1.5 mm²

L·W·H (mm)	ORDER CODE
250·250·42	0 7 4 - 6 0 9 1 2 1

order two mechanical linear connectors separately

Order options

COLOUR	
pure white RAL 9010	7
jet black RAL 9005	8

Mounting accessories



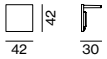
CABLE SUSPENSION

COLOUR	CABLE LENGTH	W (mm)	ORDER CODE
chrome	1500 mm	46	005-215211 0



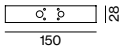
CEILING FASTENER

L·W·H (mm)	ORDER CODE
67·48·8	050-204121



END CAPS 1 pair

L·W·H (mm)	ORDER CODE
30·42·42	074-609001



LINEAR CONNECTOR ceiling mechanical

L·W (mm)	ORDER CODE
150·28	074-609111 0



LINEAR CONNECTOR incl. cable suspension mechanical

CABLE LENGTH	L·W (mm)	ORDER CODE
1500 mm	120·28	074-609111 2

Electrical accessories



CANOPY square incl. feeder cable 5×1.5 mm², 1500 mm

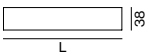
L·W·H (mm)	ORDER CODE
90·90·22	005-221241

for electrical system configuration see luminaire data sheet at xal.com

THROUGH WIRE 5×1.5 mm² | 10 pieces

TYPE	ORDER CODE
DALI-2	004-90005

Optical accessories



BLIND COVER

L·W (mm)	ORDER CODE
250·38	074-609910
500·38	074-609911

order 1×blind cover 500 mm for each linear connector and 1×250 mm for each end

Order options

COLOUR	
pure white RAL 9010	7
jet black RAL 9005	8

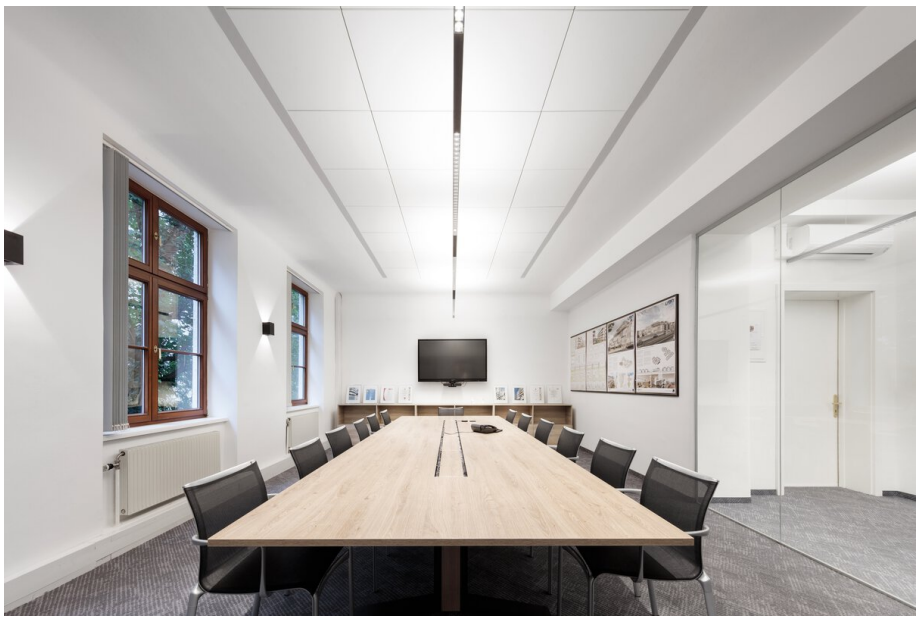
F+P Architekten, Vienna

Austria

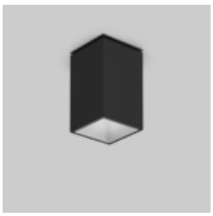
Architetto
F+P Architekten

Lighting Design
Ing. Gerald Pummer,
Illuminazione

Fotografo
Kurt Kuball



Prodotti utilizzati



SASSO 100 square ceiling



BETO ceiling / suspended system

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