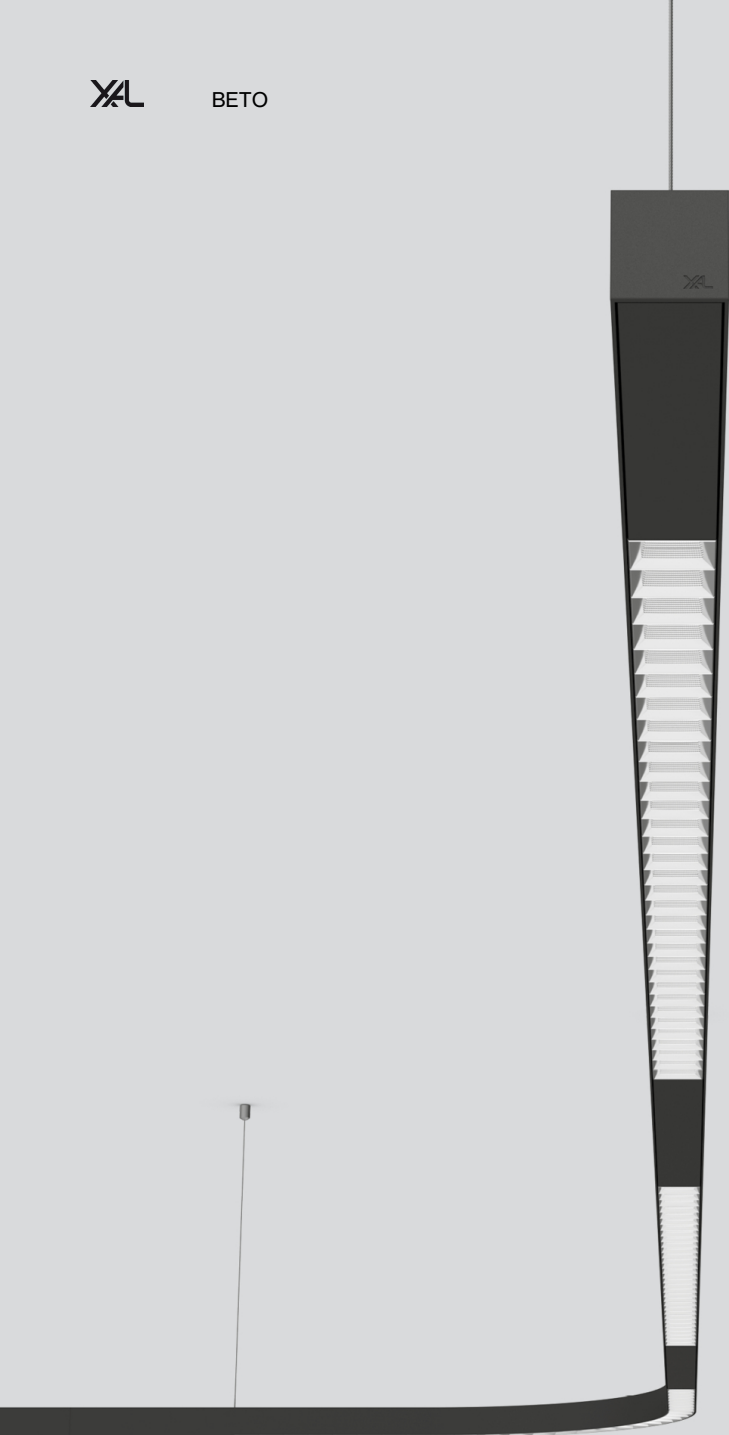




BETO

ceiling / suspended system

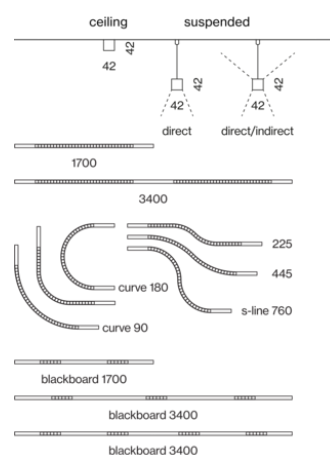
EN Luminaire housing from extruded aluminium profile, angular design (only 42 x 42 mm); no visible screws; designed for lighting systems; different versions: choice of linear, S-shaped or CURVE segment design (90° or 180°); surface powder coated; for ceiling surface mounting or suspended mounting; pendant 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 aluminium-vaporised micro-faceted reflector for homogeneous vertical lighting intensity; indirect light component with integrated PCboards and high quality lens system for maximum, homogeneous ceiling illumination, separately controllable; energy-efficient LEDs with very good colour rendering

DE Leuchtenkörper aus Aluminiumstrangpressprofil, kantige Ausführung (nur 42 x 42 mm); keine sichtbaren Schrauben; ausgelegt für Lichtsysteme; unterschiedliche Varianten: Bauform wahlweise linear, S-förmig, oder als CURVE Element (90° bzw. 180°); Oberfläche pulverbeschichtet; für Deckenanbaumontage oder für abgehängte Montage; abgependelt mit Seilabhängung; werkzeuglose Höhenverstellung; Befestigung an der Leuchte mittels Federclips; inkl. Einspeiseleitung; Strangpressprofil für verbessertes Thermomanagement; hochglänzender Reflektor mit Facettenoptik; wahlweise mit direkter bzw. direkt / indirekter Abstrahlcharakteristik, oder mit hochwertigem, aluminiumbedampften, microfacettierten Reflektor für homogene vertikale Beleuchtungsstärken; Indirektlichtanteil mit eigenen Platinen und hochwertiger Linsoptik für maximale, homogene Deckenaufhellung, separat steuerbar; energieeffiziente LEDs mit sehr guter Farbwiedergabe

Quickinfo

3000 K, 4000 K
 CRI ≥ 80, CRI ≥ 90 / 3 SDCM
 (initial MacAdam)
 UGR ≤ 10, UGR ≤ 13, UGR ≤ 16,
 UGR ≤ 19
 bis zu ↓ 10.200 lm/↑ 8.640 lm
 bis zu 165 lm/W
 L90 / 50000 h, L90 / 75000 h
 DALI-2, DALI-2 / DALI-2
 ESSENTIAL Sensor
 Reflector
 IP20 / SK1 / 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,

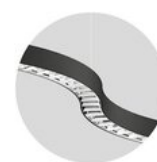
Types



Farben



Lichtverteilung



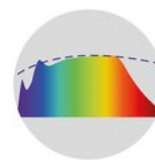
curve elements



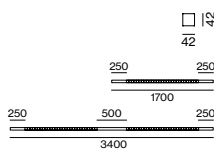
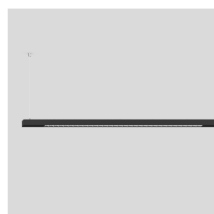
DIN EN 12464-1
 UGR ≤ 19



glare-free direct
 and 170°
 indirect
 illumination



CRI ≥ 98
 XPECTRUM
 (optional)

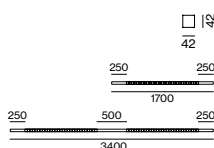


BETO linear ceiling / suspended system



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	0 7 4 - 6 0 0 6 5 3  R
				dark chr.	2430 lm	108 lm/W	0 7 4 - 6 0 0 6 5 3  B
			90	chrome	2960 lm	131 lm/W	0 7 4 - 6 0 0 6 0 3  R
				dark chr.	2120 lm	94 lm/W	0 7 4 - 6 0 0 6 0 3  B
		4000 K	80	chrome	3610 lm	160 lm/W	0 7 4 - 6 0 0 6 6 3  R
				dark chr.	2580 lm	114 lm/W	0 7 4 - 6 0 0 6 6 3  B
			90	chrome	2960 lm	131 lm/W	0 7 4 - 6 0 0 6 1 3  R
				dark chr.	2120 lm	94 lm/W	0 7 4 - 6 0 0 6 1 3  B
44.0 W	3400 mm	3000 K	80	chrome	6800 lm	155 lm/W	0 7 4 - 6 0 0 9 5   R
				dark chr.	4840 lm	110 lm/W	0 7 4 - 6 0 0 9 5   B
			90	chrome	5920 lm	135 lm/W	0 7 4 - 6 0 0 9 0   R
				dark chr.	4240 lm	96 lm/W	0 7 4 - 6 0 0 9 0   B
		4000 K	80	chrome	7240 lm	165 lm/W	0 7 4 - 6 0 0 9 6   R
				dark chr.	5160 lm	117 lm/W	0 7 4 - 6 0 0 9 6   B
			90	chrome	5920 lm	135 lm/W	0 7 4 - 6 0 0 9 1   R
				dark chr.	4240 lm	96 lm/W	0 7 4 - 6 0 0 9 1   B



BETO linear suspended system



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	0 7 4 - 6 0 3 6 5 3 ☒ R
				dark chr.	↓2430/↑3710 lm	123 lm/W	0 7 4 - 6 0 3 6 5 3 ☒ B
			90	chrome	↓2960/↑3200 lm	123 lm/W	0 7 4 - 6 0 3 6 0 3 ☒ R
				dark chr.	↓2120/↑3200 lm	106 lm/W	0 7 4 - 6 0 3 6 0 3 ☒ B
		4000 K	80	chrome	↓3610/↑4220 lm	157 lm/W	0 7 4 - 6 0 3 6 6 3 ☒ R
				dark chr.	↓2580/↑4220 lm	136 lm/W	0 7 4 - 6 0 3 6 6 3 ☒ B
			90	chrome	↓2960/↑3460 lm	128 lm/W	0 7 4 - 6 0 3 6 1 3 ☒ R
				dark chr.	↓2120/↑3460 lm	112 lm/W	0 7 4 - 6 0 3 6 1 3 ☒ B
95.0 W	3400 mm	3000 K	80	chrome	↓6790/↑7330 lm	149 lm/W	0 7 4 - 6 0 3 9 5 ☒ R
				dark chr.	↓4860/↑7330 lm	128 lm/W	0 7 4 - 6 0 3 9 5 ☒ B
			90	chrome	↓5910/↑6320 lm	129 lm/W	0 7 4 - 6 0 3 9 0 ☒ R
				dark chr.	↓4230/↑6320 lm	111 lm/W	0 7 4 - 6 0 3 9 0 ☒ B
		4000 K	80	chrome	↓7220/↑8350 lm	164 lm/W	0 7 4 - 6 0 3 9 6 ☒ R
				dark chr.	↓5170/↑8350 lm	142 lm/W	0 7 4 - 6 0 3 9 6 ☒ B
			90	chrome	↓5910/↑6830 lm	134 lm/W	0 7 4 - 6 0 3 9 1 ☒ R
				dark chr.	↓4230/↑6830 lm	116 lm/W	0 7 4 - 6 0 3 9 1 ☒ B

Order options

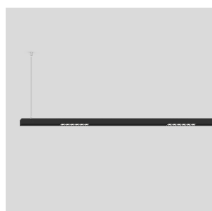
⌘ MOUNTING		⌘₁ MOUNTING		⌘₂ CONTROL	
L (left)	1	L (left)	5	DALI-2	3
R (right)	2	R (right)	6	DALI-2 / DALI-2 ESSENTIAL sensor	7

COLOUR	
pure white RAL 9010	7
jet black RAL 9005	8

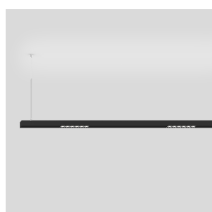
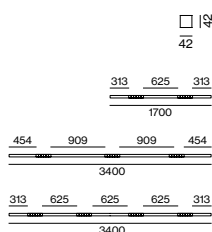
DIRECT / INDIRECT 2700-6500K POWER CRI ≥ 90

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

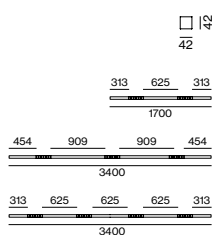
only available in length 3400 mm

**BETO linear blackboard ceiling / suspended system****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

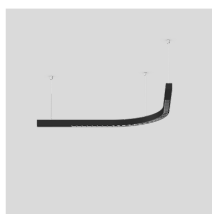
**BETO linear blackboard suspended system****WALLWASHER / INDIRECT DALI-2**

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

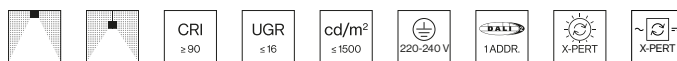
**Order options**

MOUNTING	1	MOUNTING	2	MOUNTING	3	CONTROL	4
L (left)	1	L (left)	5	L (left)	3	DALI-2	3
R (right)	2	R (right)	6	R (right)	4	DALI-2 / DALI-2 ESSENTIAL sensor	7

COLOUR	
pure white RAL 9010	7
jet black RAL 9005	8

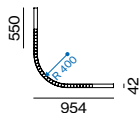


BETO CURVE 400 | 90° ceiling / suspended system

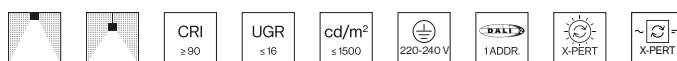


DIRECT DALI-2

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 1 0 1 5 3 ☒ R
			dark chr.	2430 lm	108 lm/W	0 7 4 - 7 1 0 1 5 3 ☒ B
		90	chrome	2960 lm	131 lm/W	0 7 4 - 7 1 0 1 0 3 ☒ R
	4000 K	80	dark chr.	2120 lm	94 lm/W	0 7 4 - 7 1 0 1 0 3 ☒ B
			chrome	3610 lm	160 lm/W	0 7 4 - 7 1 0 1 6 3 ☒ R
		90	dark chr.	2580 lm	114 lm/W	0 7 4 - 7 1 0 1 6 3 ☒ B
		90	chrome	2960 lm	131 lm/W	0 7 4 - 7 1 0 1 1 3 ☒ R
			dark chr.	2120 lm	94 lm/W	0 7 4 - 7 1 0 1 1 3 ☒ B

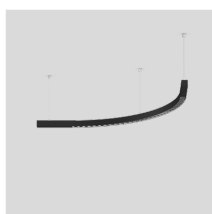
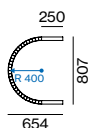


BETO CURVE 400 | 180° ceiling / suspended system

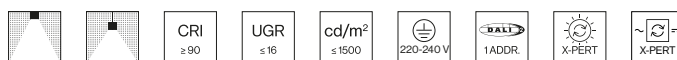


DIRECT DALI-2

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 1 0 2 5 3 ☒ R
			dark chr.	2430 lm	108 lm/W	0 7 4 - 7 1 0 2 5 3 ☒ B
		90	chrome	2960 lm	131 lm/W	0 7 4 - 7 1 0 2 0 3 ☒ R
	4000 K	80	dark chr.	2120 lm	94 lm/W	0 7 4 - 7 1 0 2 0 3 ☒ B
			chrome	3610 lm	160 lm/W	0 7 4 - 7 1 0 2 6 3 ☒ R
		90	dark chr.	2580 lm	114 lm/W	0 7 4 - 7 1 0 2 6 3 ☒ B
		90	chrome	2960 lm	131 lm/W	0 7 4 - 7 1 0 2 1 3 ☒ R
			dark chr.	2120 lm	94 lm/W	0 7 4 - 7 1 0 2 1 3 ☒ B

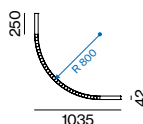


BETO CURVE 800 | 90° ceiling / suspended system



DIRECT DALI-2

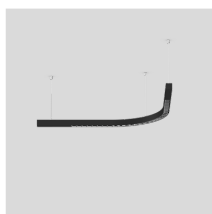
SYSTEM	COLOUR TEMP.	CRI ≥	REFLECTOR	LUM. FLUX	EFFICACY	ORDER CODE
22.6 W	3000 K	80	chrome	3390 lm	150 lm/W	0 7 4 - 7 1 0 3 5 3 ☒ R
			dark chr.	2430 lm	108 lm/W	0 7 4 - 7 1 0 3 5 3 ☒ B
		90	chrome	2960 lm	131 lm/W	0 7 4 - 7 1 0 3 0 3 ☒ R
	4000 K	80	dark chr.	2120 lm	94 lm/W	0 7 4 - 7 1 0 3 0 3 ☒ B
	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



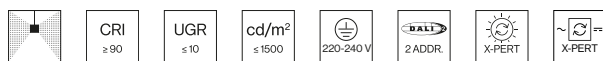
Order options

MOUNTING	⚙	MOUNTING	⚙ ₁	MOUNTING	⚙ ₂	CONTROL	⚙
L (left)	1	L (left)	5	L (left)	3	DALI-2	3
R (right)	2	R (right)	6	R (right)	4	DALI-2 / DALI-2 ESSENTIAL sensor	7

COLOUR	⚙
pure white RAL 9010	7
jet black RAL 9005	8

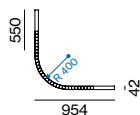


BETO CURVE 400 | 90° suspended system

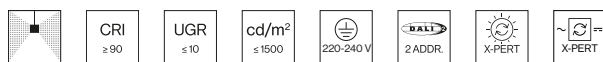


DIRECT / INDIRECT POWER DALI-2

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 1 3 1 5 3 ☒ R
			dark chr.	↓2430/↑3960 lm	125 lm/W	0 7 4 - 7 1 3 1 5 3 ☒ B
		90	chrome	↓2960/↑3410 lm	125 lm/W	0 7 4 - 7 1 3 1 0 3 ☒ R
			dark chr.	↓2120/↑3410 lm	108 lm/W	0 7 4 - 7 1 3 1 0 3 ☒ B
	4000 K	80	chrome	↓3610/↑4510 lm	159 lm/W	0 7 4 - 7 1 3 1 6 3 ☒ R
			dark chr.	↓2580/↑4510 lm	139 lm/W	0 7 4 - 7 1 3 1 6 3 ☒ B
		90	chrome	↓2960/↑3690 lm	130 lm/W	0 7 4 - 7 1 3 1 1 3 ☒ R
			dark chr.	↓2120/↑3690 lm	114 lm/W	0 7 4 - 7 1 3 1 1 3 ☒ B

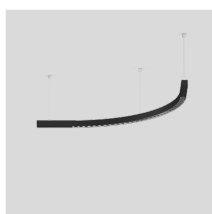
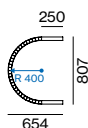


BETO CURVE 400 | 180° suspended system

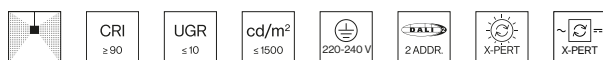


DIRECT / INDIRECT POWER DALI-2

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 1 3 2 5 3 ☒ R
			dark chr.	↓2430/↑3960 lm	125 lm/W	0 7 4 - 7 1 3 2 5 3 ☒ B
		90	chrome	↓2960/↑3410 lm	125 lm/W	0 7 4 - 7 1 3 2 0 3 ☒ R
			dark chr.	↓2120/↑3410 lm	108 lm/W	0 7 4 - 7 1 3 2 0 3 ☒ B
	4000 K	80	chrome	↓3610/↑4510 lm	159 lm/W	0 7 4 - 7 1 3 2 6 3 ☒ R
			dark chr.	↓2580/↑4510 lm	139 lm/W	0 7 4 - 7 1 3 2 6 3 ☒ B
		90	chrome	↓2960/↑3690 lm	130 lm/W	0 7 4 - 7 1 3 2 1 3 ☒ R
			dark chr.	↓2120/↑3690 lm	114 lm/W	0 7 4 - 7 1 3 2 1 3 ☒ B

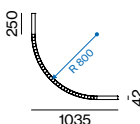


BETO CURVE 800 | 90° suspended system



DIRECT / INDIRECT POWER DALI-2

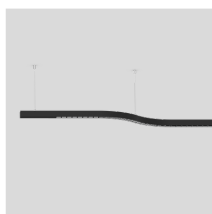
SYSTEM	COLOUR TEMP.	CRI ≥	REFLECTOR	LUM. FLUX	EFFICACY	ORDER CODE
51.0 W	3000 K	80	chrome	↓3390/↑3960 lm	144 lm/W	0 7 4 - 7 1 3 3 5 3 ☒ R
			dark chr.	↓2430/↑3960 lm	125 lm/W	0 7 4 - 7 1 3 3 5 3 ☒ B
		90	chrome	↓2960/↑3410 lm	125 lm/W	0 7 4 - 7 1 3 3 0 3 ☒ R
			dark chr.	↓2120/↑3410 lm	108 lm/W	0 7 4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



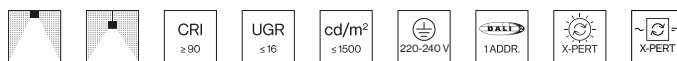
Order options

MOUNTING	1	MOUNTING	2	MOUNTING	3	CONTROL	4
L (left)	1	L (left)	5	L (left)	3	DALI-2	3
R (right)	2	R (right)	6	R (right)	4	DALI-2 / DALI-2 ESSENTIAL sensor	7

COLOUR	1
pure white RAL 9010	7
jet black RAL 9005	8

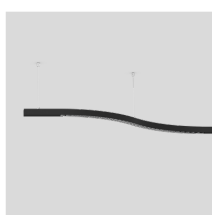
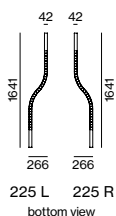


BETO s-line 225 ceiling / suspended system

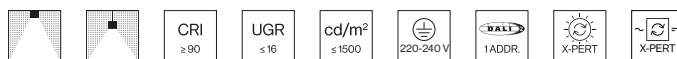


DIRECT DALI-2

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 5 3 1 R
			dark chr.	2430 lm	108 lm/W	0 7 4 - 7 2 0 5 3 1 B
		90	chrome	2960 lm	131 lm/W	0 7 4 - 7 2 0 5 0 3 1 R
			dark chr.	2120 lm	94 lm/W	0 7 4 - 7 2 0 5 0 3 1 B
	4000 K	80	chrome	3610 lm	160 lm/W	0 7 4 - 7 2 0 5 6 3 1 R
			dark chr.	2580 lm	114 lm/W	0 7 4 - 7 2 0 5 6 3 1 B
		90	chrome	2960 lm	131 lm/W	0 7 4 - 7 2 0 5 1 3 1 R
			dark chr.	2120 lm	94 lm/W	0 7 4 - 7 2 0 5 1 3 1 B

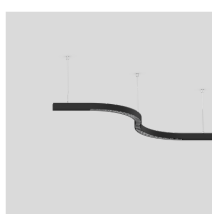
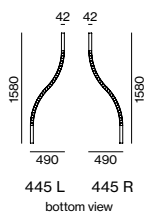


BETO s-line 445 ceiling / suspended system

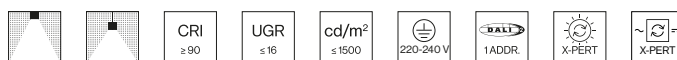


DIRECT DALI-2

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 5 1 3 1 R
			dark chr.	2430 lm	108 lm/W	0 7 4 - 7 2 0 5 1 3 1 B
		90	chrome	2960 lm	131 lm/W	0 7 4 - 7 2 0 5 1 0 3 1 R
			dark chr.	2120 lm	94 lm/W	0 7 4 - 7 2 0 5 1 0 3 1 B
	4000 K	80	chrome	3610 lm	160 lm/W	0 7 4 - 7 2 0 5 1 6 3 1 R
			dark chr.	2580 lm	114 lm/W	0 7 4 - 7 2 0 5 1 6 3 1 B
		90	chrome	2960 lm	131 lm/W	0 7 4 - 7 2 0 5 1 1 3 1 R
			dark chr.	2120 lm	94 lm/W	0 7 4 - 7 2 0 5 1 1 3 1 B

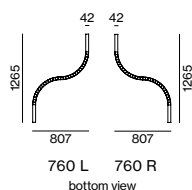


BETO s-line 760 ceiling / suspended system



DIRECT DALI-2

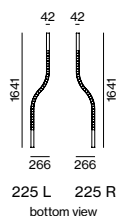
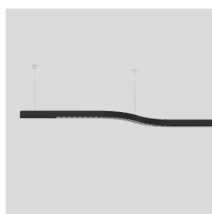
SYSTEM	COLOUR TEMP.	CRI ≥	REFLECTOR	LUM. FLUX	EFFICACY	ORDER CODE
22.6 W	3000 K	80	chrome	3390 lm	150 lm/W	0 7 4 - 7 2 0 5 2 5 3 1 R
			dark chr.	2430 lm	108 lm/W	0 7 4 - 7 2 0 5 2 5 3 1 B
		90	chrome	2960 lm	131 lm/W	0 7 4 - 7 2 0 5 2 0 3 1 R
			dark chr.	2120 lm	94 lm/W	0 7 4 - 7 2 0 5 2 0 3 1 B
	4000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



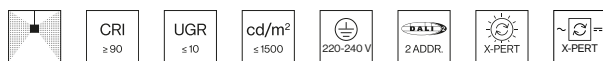
Order options

MOUNTING	5	MOUNTING	5 ₁	MOUNTING	5 ₂	CONTROL	5
L (left)	1	L (left)	5	L (left)	3	DALI-2	3
R (right)	2	R (right)	6	R (right)	4	DALI-2 / DALI-2 ESSENTIAL sensor	7

COLOUR	5
pure white RAL 9010	7
jet black RAL 9005	8

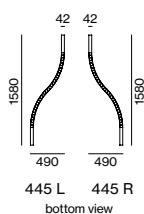
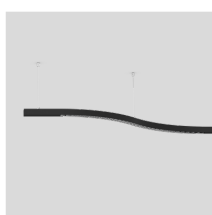


BETO s-line 225 suspended system

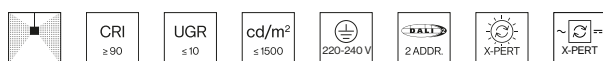


DIRECT / INDIRECT POWER DALI-2

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 5 3 4 R
			dark chr.	↓2430/↑3960 lm	125 lm/W	0 7 4 - 7 2 3 5 3 4 B
		90	chrome	↓2960/↑3410 lm	125 lm/W	0 7 4 - 7 2 3 5 0 3 4 R
			dark chr.	↓2120/↑3410 lm	108 lm/W	0 7 4 - 7 2 3 5 0 3 4 B
	4000 K	80	chrome	↓3610/↑4510 lm	159 lm/W	0 7 4 - 7 2 3 6 3 4 R
			dark chr.	↓2580/↑4510 lm	139 lm/W	0 7 4 - 7 2 3 6 3 4 B
		90	chrome	↓2960/↑3690 lm	130 lm/W	0 7 4 - 7 2 3 6 1 3 4 R
			dark chr.	↓2120/↑3690 lm	114 lm/W	0 7 4 - 7 2 3 6 1 3 4 B

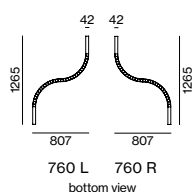
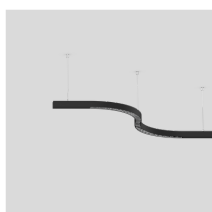


BETO s-line 445 suspended system

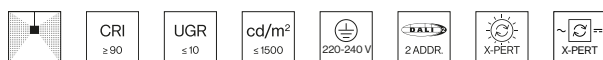


DIRECT / INDIRECT POWER DALI-2

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 5 3 4 R
			dark chr.	↓2430/↑3960 lm	125 lm/W	0 7 4 - 7 2 3 5 3 4 B
		90	chrome	↓2960/↑3410 lm	125 lm/W	0 7 4 - 7 2 3 5 0 3 4 R
			dark chr.	↓2120/↑3410 lm	108 lm/W	0 7 4 - 7 2 3 5 0 3 4 B
	4000 K	80	chrome	↓3610/↑4510 lm	159 lm/W	0 7 4 - 7 2 3 6 3 4 R
			dark chr.	↓2580/↑4510 lm	139 lm/W	0 7 4 - 7 2 3 6 3 4 B
		90	chrome	↓2960/↑3690 lm	130 lm/W	0 7 4 - 7 2 3 6 1 3 4 R
			dark chr.	↓2120/↑3690 lm	114 lm/W	0 7 4 - 7 2 3 6 1 3 4 B



BETO s-line 760 suspended system



DIRECT / INDIRECT POWER DALI-2

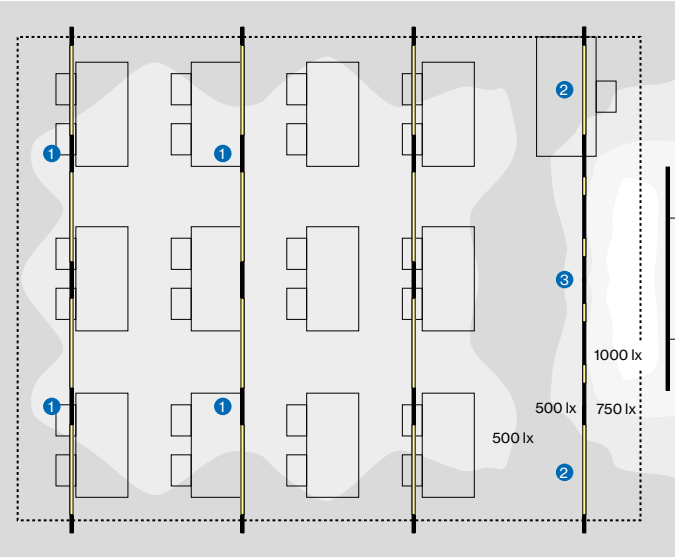
SYSTEM	COLOUR TEMP.	CRI ≥	REFLECTOR	LUM. FLUX	EFFICACY	ORDER CODE
51.0 W	3000 K	80	chrome	↓3390/↑3960 lm	144 lm/W	0 7 4 - 7 2 3 5 3 4 R
			dark chr.	↓2430/↑3960 lm	125 lm/W	0 7 4 - 7 2 3 5 3 4 B
		90	chrome	↓2960/↑3410 lm	125 lm/W	0 7 4 - 7 2 3 5 0 3 4 R
			dark chr.	↓2120/↑3410 lm	108 lm/W	0 7 4 - 7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

Order options

MOUNTING		MOUNTING		CONTROL	
L (left)	1	L (left)	5	DALI-2	3
R (right)	2	R (right)	6	DALI-2 / DALI-2 ESSENTIAL sensor	7

COLOUR	
pure white RAL 9010	7
jet black RAL 9005	8

Planning Information



- 1 BETO 3400 ceiling system, 44 W, 4000 K
- 2 BETO 1700 ceiling system, 22.6 W, 4000 K
- 3 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

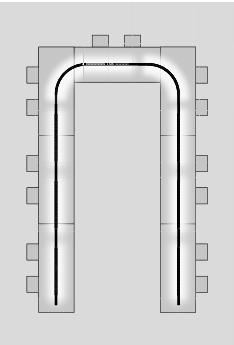
CALCULATION SURFACE

Surface dimensions	8.5 × 6.5
Surface height	0.75
Average illuminance (E _m)	> 500 lx
Uniformity (U ₀)	> 0.6

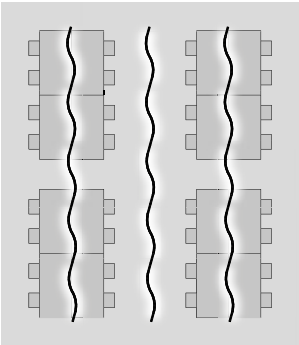
GLARE EVALUATION

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

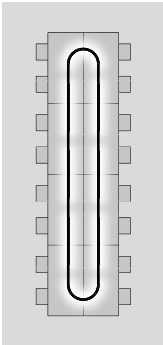
Arrangement examples (top view)



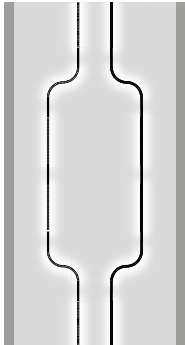
BETO curve 90
conference / seminar



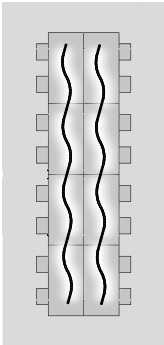
BETO s-line 445
office



BETO curve 180
conference

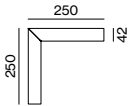


BETO s-line 760
corridor



BETO s-line 225
conference

Electrical mounting accessories (optional)



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

L·W·H (mm)
250·250·42

order two mechanical linear connectors separately

ORDER CODE

0 7 4 - 6 0 9 1 2 1

Order options

MOUNTING	1	2	5	6	3	4	7
L (left)	1	2	5	6	3	4	7
R (right)	2	1	6	5	4	3	7

COLOUR

pure white RAL 9010	7
jet black RAL 9005	8

Mounting accessories (optional)



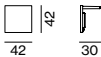
CABLE SUSPENSION

COLOUR	CABLE LENGTH	W (mm)	ORDER CODE
chrome	1500 mm	46	0 0 5 - 2 1 5 2 1 1 0



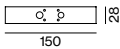
CEILING FASTENER

L-W-H (mm)	ORDER CODE
67-48-8	0 5 0 - 2 0 4 1 2 1



END CAPS 1 pair

L-W-H (mm)	ORDER CODE
30-42-42	0 7 4 - 6 0 9 0 0 1



LINEAR CONNECTOR ceiling mechanical

L-W (mm)	ORDER CODE
150-28	0 7 4 - 6 0 9 1 1 1 0



LINEAR CONNECTOR incl. cable suspension mechanical

CABLE LENGTH	L-W (mm)	ORDER CODE
1500 mm	120-28	0 7 4 - 6 0 9 1 1 2 0

Electrical accessories (optional)



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

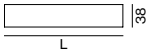
L-W-H (mm)	ORDER CODE
90-90-22	0 0 5 - 2 2 1 2 4 1

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

THROUGH WIRE 5×1.5 mm² | 10 pieces

TYPE	ORDER CODE
DALI-2	0 0 4 - 9 0 0 0 5

Optical accessories (optional)



BLIND COVER

L-W (mm)	ORDER CODE
250-38	0 7 4 - 6 0 9 9 1 0
500-38	0 7 4 - 6 0 9 9 1 1

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

Order options

MOUNTING	1	MOUNTING	5	MOUNTING	3	CONTROL	3
L (left)	1	L (left)	5	L (left)	3	DALI-2	3
R (right)	2	R (right)	6	R (right)	4	DALI-2 / DALI-2 ESSENTIAL sensor	7

COLOUR	7
pure white RAL 9010	7
jet black RAL 9005	8

F+P Architekten, Vienna

Österreich

Architekt

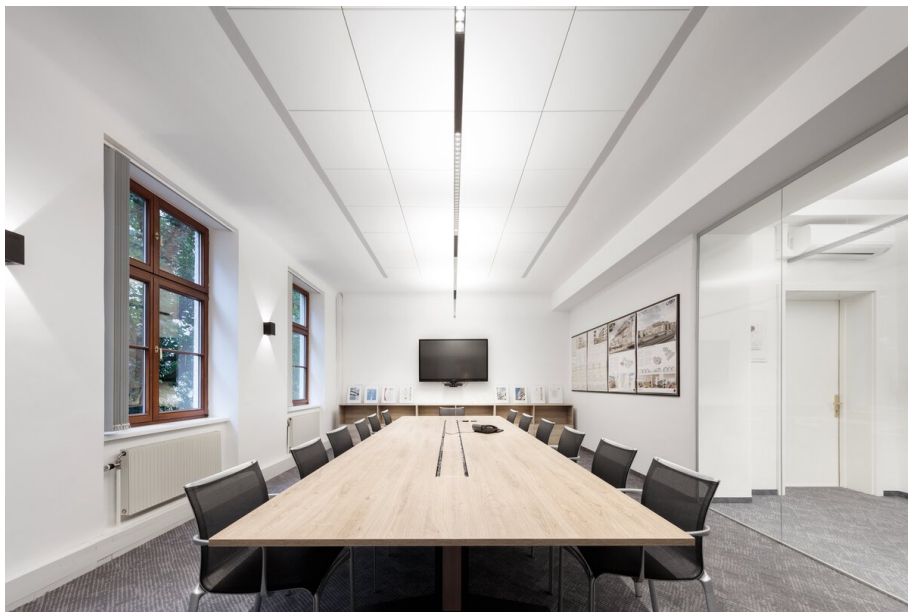
F+P Architekten

Lighting Design

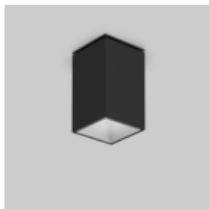
Ing. Gerald Pummer,
Illuminazione

Fotograf

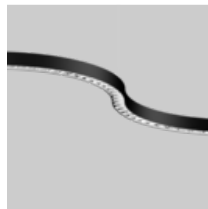
Kurt Kuball



Verwendete Produkte



**SASSO 100 square
ceiling**



**BETO ceiling /
suspended system**

