ZUMO 100 VARIO WHITE

Zumo 100 Vario is a zoomable LED spotlight for standard track rails. The spotlight features a powerful LED with a high color rendering index (CRI> 97). T The light beam can be continuously adjusted from 12° spot to 55° wide flood by simply rotating the zoom lens. Zumo 100 Vario spotlights are particularly suitable for lighting galleries, museums and art exhibitions.

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- High CRI (> 97) color rendering index
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- Stroboscopic-free dimming (according to IEEE 1789) on the spot
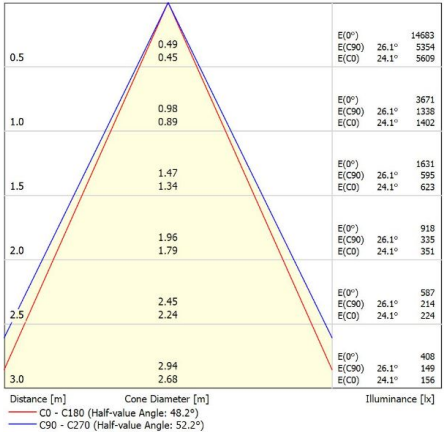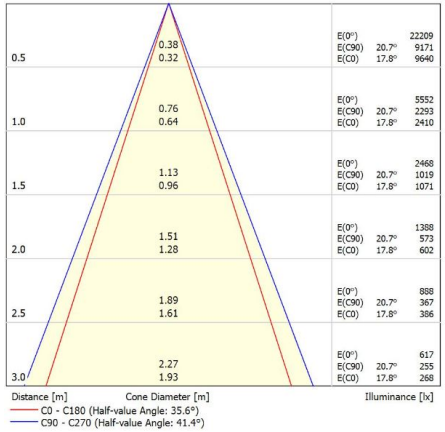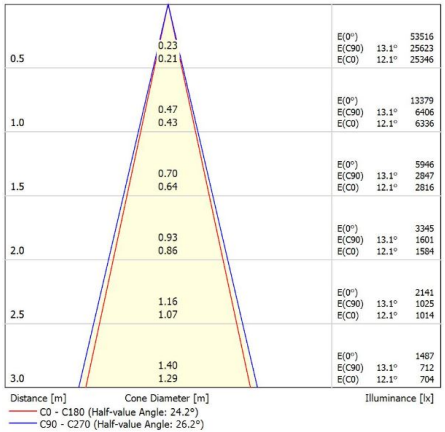- Particularly suitable for lighting galleries, museums and exhibition spaces
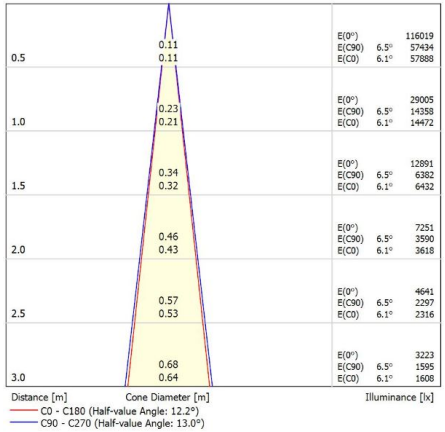
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Photometrics Zumo 100 Vario

Categories: Track luminaires

PRODUCT IMAGES

Distance [m]	Cone Diameter [m]				Illuminance [lx]
0.5	0.11 / 0.11	E(0°)			116019
		E(C90)	6.5°		57434
		E(C0)	6.1°		57888
1.0	0.23 / 0.21	E(0°)			29005
		E(C90)	6.5°		14358
		E(C0)	6.1°		14472
1.5	0.34 / 0.32	E(0°)			12891
		E(C90)	6.5°		6382
		E(C0)	6.1°		6432
2.0	0.46 / 0.43	E(0°)			7251
		E(C90)	6.5°		3590
		E(C0)	6.1°		3618
2.5	0.57 / 0.53	E(0°)			4641
		E(C90)	6.5°		2297
		E(C0)	6.1°		2316
3.0	0.68 / 0.64	E(0°)			3223
		E(C90)	6.5°		1595
		E(C0)	6.1°		1608

— C0 - C180 (Half-value Angle: 12.2°)
— C90 - C270 (Half-value Angle: 13.0°)

Distance [m]	Cone Diameter [m]				Illuminance [lx]
0.5	0.23 / 0.21	E(0°)			53516
		E(C90)	13.1°		25623
		E(C0)	12.1°		25346
1.0	0.47 / 0.43	E(0°)			13379
		E(C90)	13.1°		6406
		E(C0)	12.1°		6336
1.5	0.70 / 0.64	E(0°)			5946
		E(C90)	13.1°		2847
		E(C0)	12.1°		2816
2.0	0.93 / 0.86	E(0°)			3345
		E(C90)	13.1°		1601
		E(C0)	12.1°		1584
2.5	1.16 / 1.07	E(0°)			2141
		E(C90)	13.1°		1025
		E(C0)	12.1°		1014
3.0	1.40 / 1.29	E(0°)			1487
		E(C90)	13.1°		712
		E(C0)	12.1°		704

— C0 - C180 (Half-value Angle: 24.2°)
— C90 - C270 (Half-value Angle: 26.2°)

Distance [m]	Cone Diameter [m]				Illuminance [lx]
0.5	0.38 / 0.32	E(0°)			22209
		E(C90)	20.7°		9171
		E(C0)	17.8°		9640
1.0	0.76 / 0.64	E(0°)			5552
		E(C90)	20.7°		2293
		E(C0)	17.8°		2410
1.5	1.13 / 0.96	E(0°)			2468
		E(C90)	20.7°		1019
		E(C0)	17.8°		1071
2.0	1.51 / 1.28	E(0°)			1388
		E(C90)	20.7°		573
		E(C0)	17.8°		602
2.5	1.89 / 1.61	E(0°)			888
		E(C90)	20.7°		367
		E(C0)	17.8°		386
3.0	2.27 / 1.93	E(0°)			617
		E(C90)	20.7°		255
		E(C0)	17.8°		268

— C0 - C180 (Half-value Angle: 35.6°)
— C90 - C270 (Half-value Angle: 41.4°)

Distance [m]	Cone Diameter [m]				Illuminance [lx]
0.5	0.49 / 0.45	E(0°)			14683
		E(C90)	26.1°		5354
		E(C0)	24.1°		5609
1.0	0.98 / 0.89	E(0°)			3671
		E(C90)	26.1°		1338
		E(C0)	24.1°		1402
1.5	1.47 / 1.34	E(0°)			1631
		E(C90)	26.1°		595
		E(C0)	24.1°		623
2.0	1.96 / 1.79	E(0°)			918
		E(C90)	26.1°		335
		E(C0)	24.1°		351
2.5	2.45 / 2.24	E(0°)			587
		E(C90)	26.1°		214
		E(C0)	24.1°		224
3.0	2.94 / 2.68	E(0°)			408
		E(C90)	26.1°		149
		E(C0)	24.1°		156

— C0 - C180 (Half-value Angle: 48.2°)
— C90 - C270 (Half-value Angle: 52.2°)

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NOTES

ADDITIONAL INFORMATION

Insulation Class	Class-I
Application	Education, Hospitality, Office, Public spaces
Energy Rating	
Color temperature	Tunable White, 2700K
Kleurconsistentie (SDCM)	SDCM=2
Voltage / frequency	
Material	Acrylic, Aluminum
Packaging dimensions	Bulk packaging
Product Confirmation	Rail
Product Glare (UGR)	Not applicable
Color Rendering Index (CRI)	CRI80, CRI90, CRI97
IP Rating	
Lighting control	1-10V dimming, Casambi dimming, DALI dimming, Optional
Emergency lighting	1 hour emergency power, Optional, Optional 1 hour autonomy self-test
Primary connections	Fase track, Rails
Product Color	Matte black, Matte white, On request
Self-adhesive dust cover	No
Luminaire efficacy	>60/lmW
Air extraction	N/A
Driver position	Integrated
Expected lifespan	L90B50@50.000h (Tq 25°C)
Ambient temperature	-20°C / +40°C
Optics	Zoom lens
Oriëntatie	Adjustable
Power factor	>0.9
Shape	Round
Spot bundle (FWHM)	12° – 55°
Lengte	
Width	
Photobiological safety	IEC 62471: RG1 (low risc)

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