



## ZUMO 90 VARIO BLACK

Zumo 90 Vario is a zoomable LED spotlight for standard 3-phase tracks. The spot features a powerful LED with a high color rendering index (CRI > 97). The light beam can be continuously adjusted from 12° spot to 55° wide flood by simply rotating the zoom lens. Zumo 90 Vario spotlights are particularly suitable for illuminating galleries, museums, and art exhibitions.

- Can be used on standard high-voltage tracks
- High CRI (> 97) color rendering index
- Continuously adjustable light beam from 12° spot to 55° wide flood
- Stroboscopic-free dimming (according to IEEE 1789) on the spot
- Particularly suitable for lighting galleries, museums and exhibition spaces

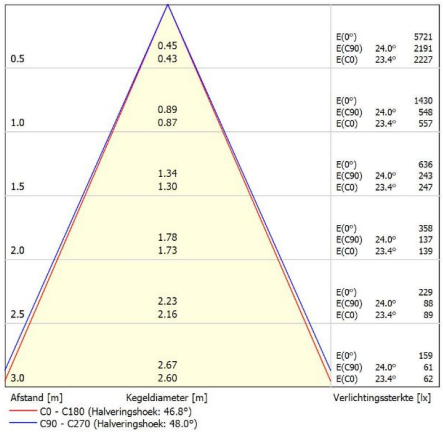
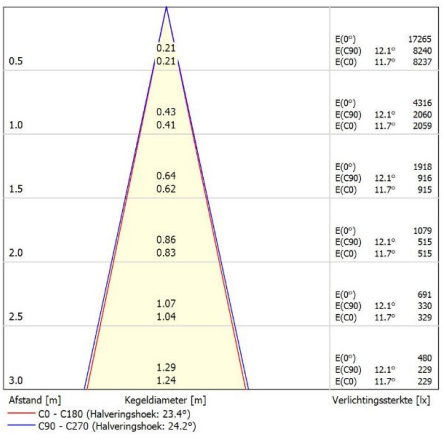
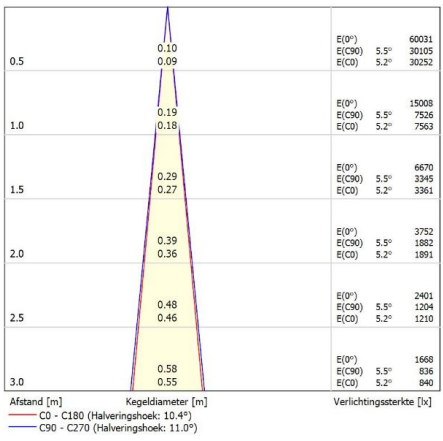
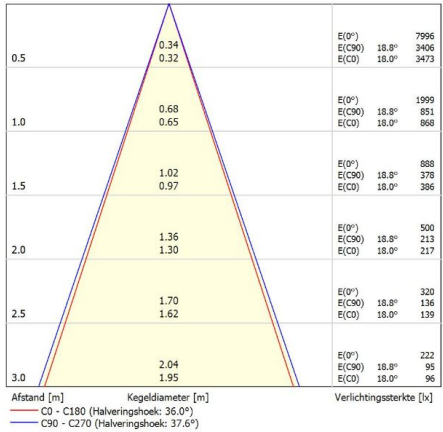
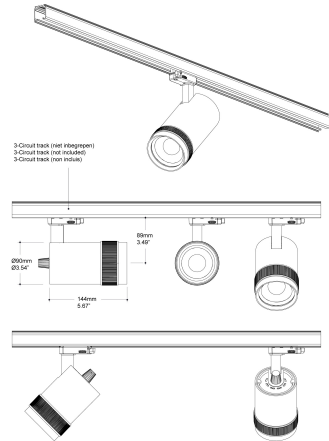
### Downloads

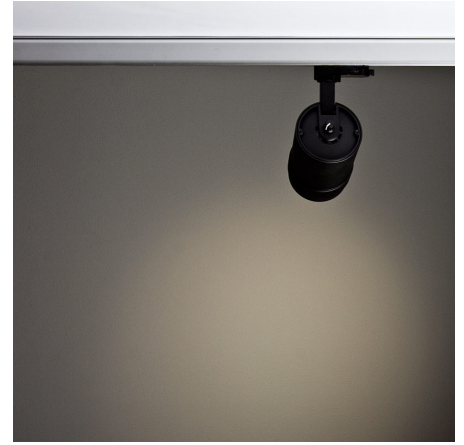
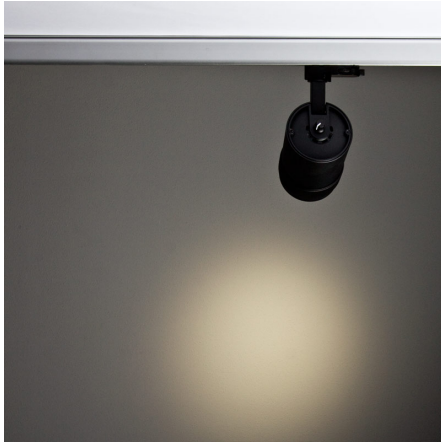
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**Categories:** [Track luminaires](#)



PRODUCT IMAGES





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NOTES

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## ADDITIONAL INFORMATION

<b>Insulation Class</b>	Class-I
<b>Application</b>	Education, Hospitality, Office, Public spaces
<b>Energy Rating</b>	
<b>Color temperature</b>	Tunable White, 2700K
<b>Kleurconsistentie (SDCM)</b>	SDCM=2
<b>Material</b>	Acrylic, Aluminum
<b>Packaging dimensions</b>	Bulk packaging
<b>Product Confirmation</b>	Rail
<b>Product Glare (UGR)</b>	Not applicable
<b>Color Rendering Index (CRI)</b>	CRI80, CRI90, CRI97
<b>Lighting control</b>	1-10V dimming, Casambi dimming, DALI dimming, Optional
<b>Emergency lighting</b>	1 hour emergency power, Optional, Optional 1 hour autonomy self-test
<b>Primary connections</b>	Fase track, Rails
<b>Product Color</b>	Matte black, Matte white, On request
<b>Self-adhesive dust cover</b>	No
<b>Luminaire efficacy</b>	>100lm/W
<b>Air extraction</b>	N/A
<b>Product family</b>	Zumo
<b>Driver position</b>	Integrated
<b>Expected lifespan</b>	L90B50@50.000h (Tq 25°C)
<b>Ambient temperature</b>	-20°C / +40°C
<b>Optics</b>	Zoom lens
<b>Oriëntatie</b>	Adjustable
<b>Power factor</b>	>0.9
<b>Shape</b>	Round
<b>Spot bundle (FWHM)</b>	12° - 55°
<b>Photobiological safety</b>	IEC 62471: RG1 (low risc)
<b>ANSI/IES TM-30-18</b>	Erkend

