



## **ZUMO 90 VARIO BLACK**

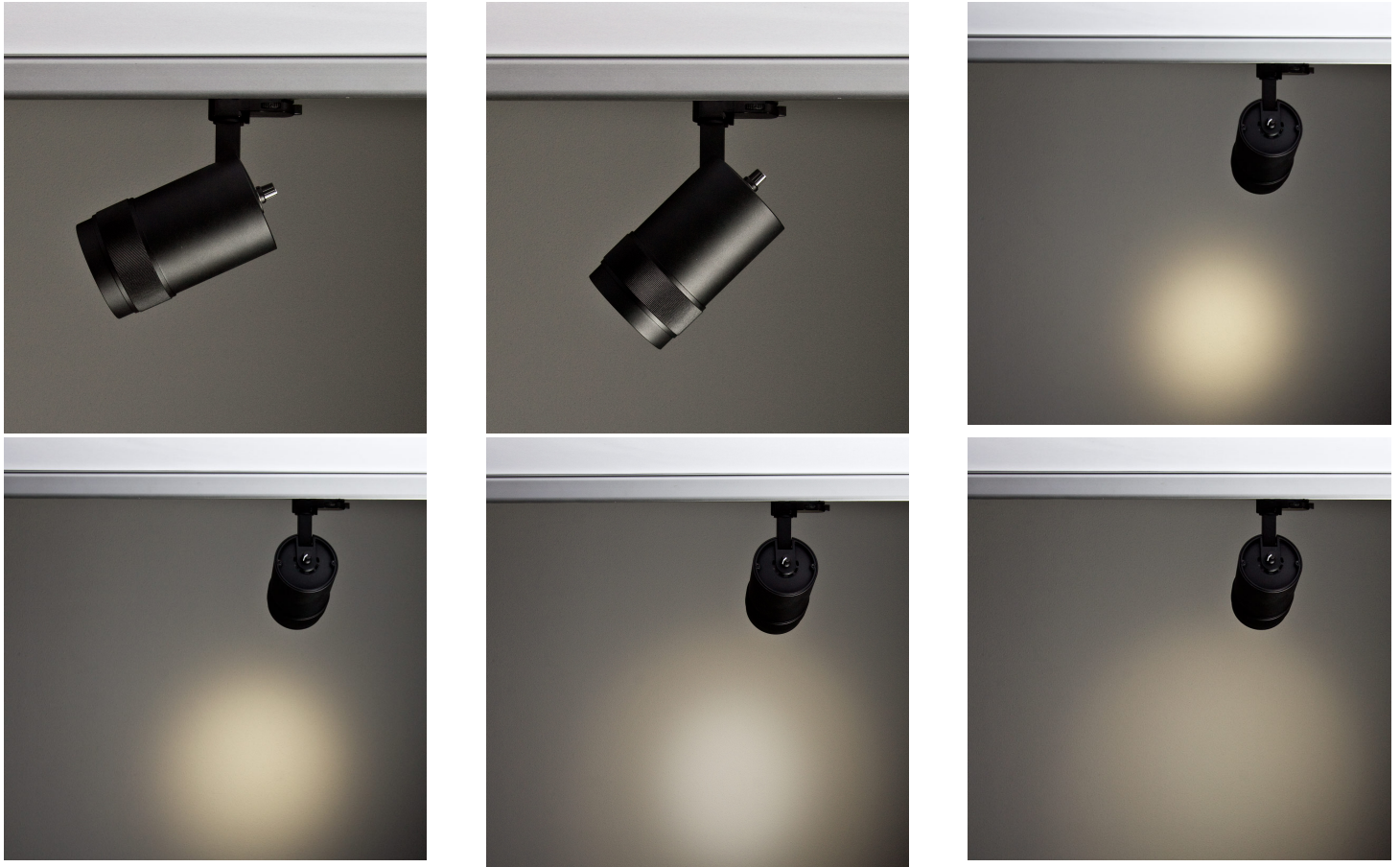
Zumo 90 Vario is a zoomable LED spotlight for standard 3-phase tracks. The spot features a powerful LED with a high color rendering index (CRI > 97). The light beam can be continuously adjusted from 12° spot to 55° wide flood by simply rotating the zoom lens. Zumo 90 Vario spotlights are particularly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

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



## PRODUCT IMAGES



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

**NOTES**

---

---

---

---

---

---

---

## ADDITIONAL INFORMATION

<b>Air extraction</b>	N/A
<b>ANSI/IES TM-30-18</b>	Erkend
<b>Armaturefficiëntie</b>	>100lm/W
<b>Bevestiging</b>	track
<b>CIE Flux code</b>	93 100 100 100 100
<b>Driver positie</b>	Integrated
<b>Energielabel</b>	A++
<b>Family</b>	Zumo
<b>Photobiological safety</b>	IEC 62471: RG1 (low risc)
<b>Glare (UGR)</b>	N/A
<b>IP-class</b>	IP20 (upwards)/IP40 (downwards)
<b>Isolatieklasse</b>	Class-I
<b>Kleurconsistentie (SDCM)</b>	SDCM=2
<b>Kleurtemperatuur</b>	Tunable White, 2700K, 3000K, 3500K, 4000K
<b>Color Rendering Index (CRI)</b>	CRI97
<b>Lichtbundel (FWHM)</b>	10° - 50°
<b>Light control</b>	1-10V dimming, Casambi dimming, DALI dimming, Optional
<b>Luchtafzuiging</b>	n.v.t.
<b>Material</b>	Acrylic, Aluminium
<b>Emergency lighting</b>	N/A
<b>Ambient temperature</b>	-20°C / +40°C
<b>Optics</b>	Zoom lens
<b>Oriëntatie</b>	Adjustable
<b>Packaging dimensions</b>	Bulk packaging
<b>Powerfactor</b>	>9
<b>Primaire aansluitingen</b>	On request, Fase track
<b>Productkleur</b>	On request
<b>Producttoepassing</b>	Education, Exhibition spaces, Hospitality, Office, Public spaces, Retail
<b>Self-adhesive dust cover</b>	Optional
<b>Spot bundle (FWHM)</b>	10° - 50°

<b>Verpakkingsafmetingen</b>	Bulkverpakking
<b>Verwachte levensduur</b>	L90B50@60,000h (Tq 25°C)
<b>Voltage / frequentie</b>	220-240V, 50 / 60Hz
<b>Shape</b>	Round
<b>Zelfklevende stofkap</b>	Optioneel

## PHOTOMETRIC DATA

Zumo 90 Vario 21W 1650lm 12° 3000K CRI90  
Zumo 90 Vario 21W 1800lm 55° 3000K CRI90  
Zumo 90 Vario 21W 1850lm 38° 3000K CRI90  
Zumo 90 Vario 21W 1900lm 24° 3000K CRI90

Zumo 90 Vario 21W 1750lm 12° 4000K CRI90  
Zumo 90 Vario 21W 1900lm 24° 4000K CRI90  
Zumo 90 Vario 21W 1900lm 38° 4000K CRI90  
Zumo 90 Vario 21W 1900lm 55° 4000K CRI90

Zumo 90 Vario 21W 1500lm 12° 3000K CRI97  
Zumo 90 Vario 21W 1650lm 38° 3000K CRI97  
Zumo 90 Vario 21W 1650lm 55° 3000K CRI97  
Zumo 90 Vario 21W 1700lm 24° 3000K CRI97

Zumo 90 Vario 30W 2350lm 25° 3500K CRI97  
Zumo 90 Vario 30W 2400lm 16° 3500K CRI97  
Zumo 90 Vario 30W 2450lm 37° 3500K CRI97  
Zumo 90 Vario 30W 2600lm 60° 3500K CRI97

Zumo 90 Vario 21W 1550lm 12° 4000K CRI97  
Zumo 90 Vario 21W 1700lm 38° 4000K CRI97  
Zumo 90 Vario 21W 1700lm 55° 4000K CRI97  
Zumo 90 Vario 21W 1800lm 24° 4000K CRI97

## LDT / PHOTOMETRICS DOWNLOADS

### LDT / Photometrics downloads

All downloads can be found centrally per family at

<https://atomis.nl/ldt-photometrics/>