

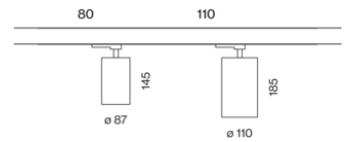


## VARO 80 / 110

**EN** Track spotlight in die-cast aluminium, available in 2 different sizes; surface powder coated; spotlight head 355° rotatable and 90° tiltable; converter installed in aluminium spotlight housing; high quality reflector with spherical facet finish; precise radiation characteristics with different beam angles; installed and exchanged without tools; optical attachments as accessories; COB (Chip on Board) technology for maximum efficiency; no multiple shadows; energy-efficient LEDs with very good colour rendering; adapter for toolless insertion or movement on a variety of 3-phase power tracks

**ES** Foco de carril conductor de fundición inyectada de aluminio en 2 tamaños distintos; superficie con recubrimiento de pintura en polvo; proyector giratorio 355° y orientable 90°; convertidor montado en carcasa de proyector de aluminio; reflector alta calidad con óptica de bisel esférica; característica de emisión precisa con diferentes ángulos de emisión; intercambiable sin herramienta; los accesorios ópticos como accesorios; con tecnología COB (Chip on Board) para proporcionar una máxima eficiencia; no proporciona sombras múltiples; LEDs de alta eficiencia que proporcionan una alta reproducción cromática; adaptador para instalación sin herramientas o desplazamiento en diferentes carriles electrificados de 3 fases

### Types



### Distribución luminosa



355° rotatable,  
90° tiltable



CRI ≥ 95 2  
SDCM  
(optional)

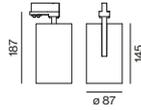


### VARO 80 track



#### SPOT 17°, CRI ≥ 90, non DIM

SYSTEM	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
28.8 W	3000 K	2520 lm	88 lm/W	0 8 0 - 6 2 1 0 5 1 <input checked="" type="checkbox"/> S
	4000 K	2710 lm	94 lm/W	0 8 0 - 6 2 1 0 6 1 <input checked="" type="checkbox"/> S



#### MEDIUM 28°, CRI ≥ 90, non DIM

SYSTEM	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
28.8 W	3000 K	2560 lm	89 lm/W	0 8 0 - 6 2 1 0 5 1 <input checked="" type="checkbox"/> M
	4000 K	2750 lm	95 lm/W	0 8 0 - 6 2 1 0 6 1 <input checked="" type="checkbox"/> M

#### FLOOD 38°, CRI ≥ 90, non DIM

SYSTEM	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
28.8 W	3000 K	2520 lm	88 lm/W	0 8 0 - 6 2 1 0 5 1 <input checked="" type="checkbox"/> F
	4000 K	2700 lm	94 lm/W	0 8 0 - 6 2 1 0 6 1 <input checked="" type="checkbox"/> F

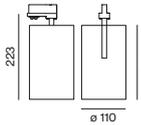


### VARO 110 track



#### SPOT 14°, CRI ≥ 90, non DIM

SYSTEM	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
41.0 W	3000 K	3740 lm	91 lm/W	0 8 0 - 6 1 2 0 5 1 <input checked="" type="checkbox"/> S
	4000 K	3950 lm	96 lm/W	0 8 0 - 6 1 2 0 6 1 <input checked="" type="checkbox"/> S



#### MEDIUM 24°, CRI ≥ 90, non DIM

SYSTEM	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
41.0 W	3000 K	3790 lm	92 lm/W	0 8 0 - 6 1 2 0 5 1 <input checked="" type="checkbox"/> M
	4000 K	4010 lm	98 lm/W	0 8 0 - 6 1 2 0 6 1 <input checked="" type="checkbox"/> M

#### FLOOD 33°, CRI ≥ 90, non DIM

SYSTEM	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
41.0 W	3000 K	3830 lm	93 lm/W	0 8 0 - 6 1 2 0 5 1 <input checked="" type="checkbox"/> F
	4000 K	4050 lm	99 lm/W	0 8 0 - 6 1 2 0 6 1 <input checked="" type="checkbox"/> F

## Optical accessories (optional)

### SNOOT WITH HONEYCOMB LOUVER

TYPE	Ø-H (mm)	ORDER CODE
for VARO 110	106-9	0 0 6 - 9 3 1 3 0
for VARO 80	83-9	0 0 6 - 9 3 1 2 0

## Order options

COLOUR	
traffic white RAL 9016	7
jet black RAL 9005	8

# Kastner & Öhler AG Kaufhaus Tyrol, Innsbruck

Austria

## Arquitecto

DIOMA AG / WHIR3 /  
K&Ö Bauabteilung

## Lighting Design

VEDDER.LICHTMANAGEMENT

## Fotografía

Jens Pfisterer



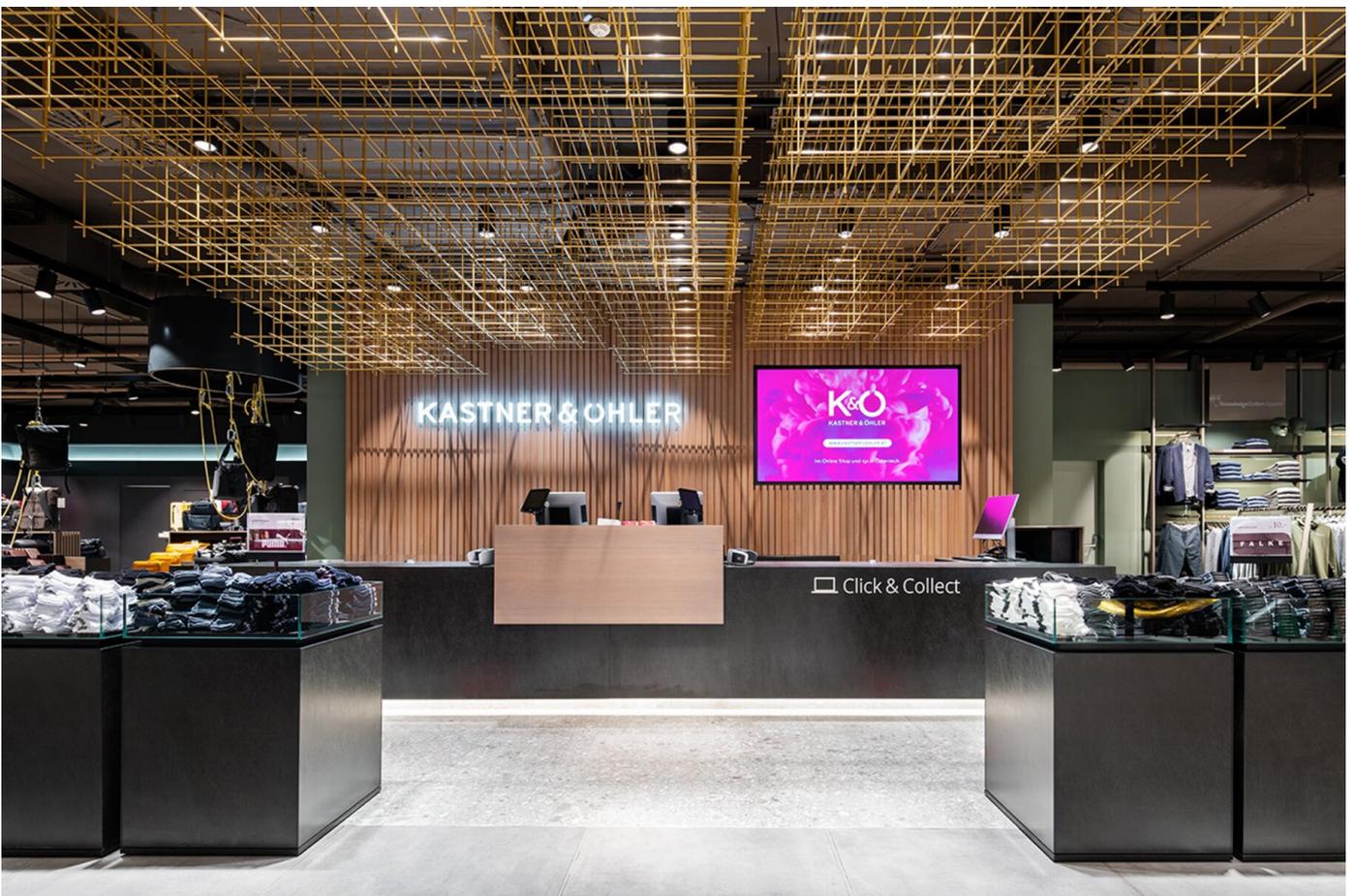
## Productos utilizados



**TWIST 100 1 lamp**  
recessed









# MUCA - Museum of Urban and Contemporary Art, Munich

Alemania

## Fotografía

Dominik Münich

