



## BO semi-recessed / surface

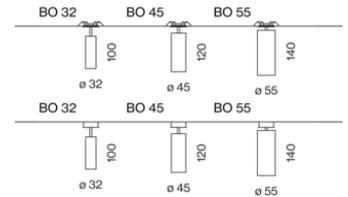
<sup>EN</sup> Cylindrical spotlight made of aluminium; surface powder coated; either with surface mounted housing or as ceiling recessed variant; spotlight head 350° rotatable and 90° tiltable; with optional high-quality lens system with precise radiation characteristic; or high-quality, aluminium, vapour deposition coated reflector with faceted design; precise radiation characteristics with different beam angles; good glare reduction due to recessed light point plane; optical attachments as accessories; COB (Chip on Board) technology or high power LEDs for maximum efficiency; no multiple shadows; energy-efficient LEDs with very good colour rendering

<sup>FR</sup> Spot cylindrique en aluminium ; surface thermolaquée ; au choix avec boîtier en saillie ou comme variante pour encastrement dans le plafond ; tête de spot rotatif à 350° et orientable à 90° ; également possible avec une optique de lentilles de haute qualité présentant des caractéristiques de rayonnement précises ; ou réflecteur de grande qualité, métallisée à l'aluminium avec optique facette ; précision de caractéristique de rayonnement avec divers angles de diffusion ; bon anti-éblouissement grâce aux points lumineux en retrait ; éléments optiques comme accessoires ; avec technologie COB (Chip on Board) ou High-Power-LED pour efficacité maximale ; pas de formation d'ombres multiples ; LED économes en énergie à restitution de couleur élevée

### Quickinfo

2700 K, 3000 K, 3500 K  
 CRI ≥ 90 / 2 SDCM (initial MacAdam), 3 SDCM (initial MacAdam)  
 jusqu'à 110 lm/W  
 L80 / 50000 h, L85 / 50000 h  
 DALI-2, non DIM  
 IP20

### Types



### Couleur



### Répartition de la lumière



glare control via  
honeycomb  
louver



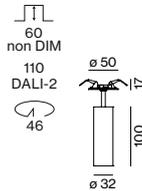
350° rotatable,  
90° tiltable



CRI ≥ 95 2  
SDCM  
(optional)

**BO 32 semi-recessed****SPOT 18°, CRI ≥ 90**

FIXTURE	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
8.7 W,	2700 K	788 lm	91 lm/W	0 4 9 - 6 1 2 0 4 1 <input checked="" type="checkbox"/> S
36 Vf,	3000 K	817 lm	94 lm/W	0 4 9 - 6 1 2 0 5 1 <input checked="" type="checkbox"/> S
250 mA	3500 K	835 lm	96 lm/W	0 4 9 - 6 1 2 0 7 1 <input checked="" type="checkbox"/> S

**MEDIUM 24°, CRI ≥ 90**

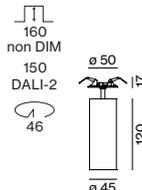
FIXTURE	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
8.7 W,	2700 K	821 lm	94 lm/W	0 4 9 - 6 1 2 0 4 1 <input checked="" type="checkbox"/> M
36 Vf,	3000 K	852 lm	98 lm/W	0 4 9 - 6 1 2 0 5 1 <input checked="" type="checkbox"/> M
250 mA	3500 K	870 lm	100 lm/W	0 4 9 - 6 1 2 0 7 1 <input checked="" type="checkbox"/> M

**FLOOD 34°, CRI ≥ 90**

FIXTURE	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
8.7 W,	2700 K	783 lm	90 lm/W	0 4 9 - 6 1 2 0 4 1 <input checked="" type="checkbox"/> F
36 Vf,	3000 K	813 lm	93 lm/W	0 4 9 - 6 1 2 0 5 1 <input checked="" type="checkbox"/> F
250 mA	3500 K	830 lm	96 lm/W	0 4 9 - 6 1 2 0 7 1 <input checked="" type="checkbox"/> F

**BO 45 semi-recessed****SUPER SPOT 8°, CRI ≥ 90**

FIXTURE	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
6.9 W,	2700 K	406 lm	59 lm/W	0 4 9 - 6 1 3 0 4 1 <input checked="" type="checkbox"/> V
11 Vf,	3000 K	432 lm	63 lm/W	0 4 9 - 6 1 3 0 5 1 <input checked="" type="checkbox"/> V
600 mA	3500 K	432 lm	63 lm/W	0 4 9 - 6 1 3 0 7 1 <input checked="" type="checkbox"/> V

**SPOT 12°, CRI ≥ 90**

FIXTURE	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
12.7 W,	2700 K	1140 lm	89 lm/W	0 4 9 - 6 1 3 0 4 1 <input checked="" type="checkbox"/> S
37 Vf,	3000 K	1180 lm	93 lm/W	0 4 9 - 6 1 3 0 5 1 <input checked="" type="checkbox"/> S
350 mA	3500 K	1200 lm	95 lm/W	0 4 9 - 6 1 3 0 7 1 <input checked="" type="checkbox"/> S

**MEDIUM 24°, CRI ≥ 90**

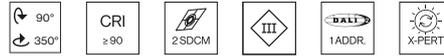
FIXTURE	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
13.4 W,	2700 K	1350 lm	101 lm/W	0 4 9 - 6 1 3 0 4 1 <input checked="" type="checkbox"/> M
36 Vf,	3000 K	1410 lm	105 lm/W	0 4 9 - 6 1 3 0 5 1 <input checked="" type="checkbox"/> M
400 mA	3500 K	1440 lm	107 lm/W	0 4 9 - 6 1 3 0 7 1 <input checked="" type="checkbox"/> M

**Order options**

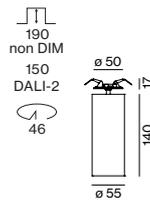
COLOUR	<input checked="" type="checkbox"/>
special colours	X
traffic white RAL 9016	7
jet black RAL 9005	8

**FLOOD 36°, CRI ≥ 90**

FIXTURE	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
13.4 W,	2700 K	1390 lm	103 lm/W	0 4 9 - 6 1 3 0 4 1 <input checked="" type="checkbox"/> F
36 Vf,	3000 K	1440 lm	107 lm/W	0 4 9 - 6 1 3 0 5 1 <input checked="" type="checkbox"/> F
400 mA	3500 K	1470 lm	110 lm/W	0 4 9 - 6 1 3 0 7 1 <input checked="" type="checkbox"/> F

**BO 55 semi-recessed****SPOT 17°, CRI ≥ 90**

FIXTURE	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
20.9 W,	2700 K	1980 lm	95 lm/W	0 4 9 - 6 1 4 0 4 1 <input checked="" type="checkbox"/> S
36 Vf,	3000 K	2060 lm	99 lm/W	0 4 9 - 6 1 4 0 5 1 <input checked="" type="checkbox"/> S
600 mA	3500 K	2110 lm	101 lm/W	0 4 9 - 6 1 4 0 7 1 <input checked="" type="checkbox"/> S

**MEDIUM 31°, CRI ≥ 90**

FIXTURE	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
20.9 W,	2700 K	2000 lm	96 lm/W	0 4 9 - 6 1 4 0 4 1 <input checked="" type="checkbox"/> M
36 Vf,	3000 K	2080 lm	100 lm/W	0 4 9 - 6 1 4 0 5 1 <input checked="" type="checkbox"/> M
600 mA	3500 K	2130 lm	102 lm/W	0 4 9 - 6 1 4 0 7 1 <input checked="" type="checkbox"/> M

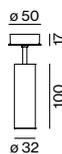
**FLOOD 37°, CRI ≥ 90**

FIXTURE	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
20.9 W,	2700 K	2010 lm	97 lm/W	0 4 9 - 6 1 4 0 4 1 <input checked="" type="checkbox"/> F
36 Vf,	3000 K	2090 lm	100 lm/W	0 4 9 - 6 1 4 0 5 1 <input checked="" type="checkbox"/> F
600 mA	3500 K	2140 lm	103 lm/W	0 4 9 - 6 1 4 0 7 1 <input checked="" type="checkbox"/> F

**BO 32 surface****SPOT 18°, CRI ≥ 90**

FIXTURE	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
8.7 W,	2700 K	788 lm	91 lm/W	0 4 9 - 6 2 2 0 4 1 <input checked="" type="checkbox"/> S
36 Vf,	3000 K	817 lm	94 lm/W	0 4 9 - 6 2 2 0 5 1 <input checked="" type="checkbox"/> S
250 mA	3500 K	835 lm	96 lm/W	0 4 9 - 6 2 2 0 7 1 <input checked="" type="checkbox"/> S

revision opening for power supply required

**MEDIUM 24°, CRI ≥ 90**

FIXTURE	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
8.7 W,	2700 K	821 lm	94 lm/W	0 4 9 - 6 2 2 0 4 1 <input checked="" type="checkbox"/> M
36 Vf,	3000 K	852 lm	98 lm/W	0 4 9 - 6 2 2 0 5 1 <input checked="" type="checkbox"/> M
250 mA	3500 K	870 lm	100 lm/W	0 4 9 - 6 2 2 0 7 1 <input checked="" type="checkbox"/> M

revision opening for power supply required

**Order options**

COLOUR	
<input checked="" type="checkbox"/> special colours	X
traffic white RAL 9016	7
jet black RAL 9005	8

**FLOOD 34°, CRI ≥ 90**

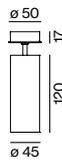
FIXTURE	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
8.7 W,	2700 K	783 lm	90 lm/W	0 4 9 - 6 2 2 0 4 1 <input checked="" type="checkbox"/> F
36 Vf,	3000 K	813 lm	93 lm/W	0 4 9 - 6 2 2 0 5 1 <input checked="" type="checkbox"/> F
250 mA	3500 K	830 lm	96 lm/W	0 4 9 - 6 2 2 0 7 1 <input checked="" type="checkbox"/> F

revision opening for power supply required

**BO 45 surface****SUPER SPOT 8°, CRI ≥ 90**

FIXTURE	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
6.9 W,	2700 K	406 lm	59 lm/W	0 4 9 - 6 2 3 0 4 1 <input checked="" type="checkbox"/> V
11 Vf,	3000 K	432 lm	63 lm/W	0 4 9 - 6 2 3 0 5 1 <input checked="" type="checkbox"/> V
600 mA	3500 K	432 lm	63 lm/W	0 4 9 - 6 2 3 0 7 1 <input checked="" type="checkbox"/> V

revision opening for power supply required

**SPOT 12°, CRI ≥ 90**

FIXTURE	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
12.7 W,	2700 K	1140 lm	89 lm/W	0 4 9 - 6 2 3 0 4 1 <input checked="" type="checkbox"/> S
37 Vf,	3000 K	1180 lm	93 lm/W	0 4 9 - 6 2 3 0 5 1 <input checked="" type="checkbox"/> S
350 mA	3500 K	1200 lm	95 lm/W	0 4 9 - 6 2 3 0 7 1 <input checked="" type="checkbox"/> S

revision opening for power supply required

**MEDIUM 24°, CRI ≥ 90**

FIXTURE	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
13.4 W,	2700 K	1350 lm	101 lm/W	0 4 9 - 6 2 3 0 4 1 <input checked="" type="checkbox"/> M
36 Vf,	3000 K	1410 lm	105 lm/W	0 4 9 - 6 2 3 0 5 1 <input checked="" type="checkbox"/> M
400 mA	3500 K	1440 lm	107 lm/W	0 4 9 - 6 2 3 0 7 1 <input checked="" type="checkbox"/> M

revision opening for power supply required

**FLOOD 36°, CRI ≥ 90**

FIXTURE	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
13.4 W,	2700 K	1390 lm	103 lm/W	0 4 9 - 6 2 3 0 4 1 <input checked="" type="checkbox"/> F
36 Vf,	3000 K	1440 lm	107 lm/W	0 4 9 - 6 2 3 0 5 1 <input checked="" type="checkbox"/> F
400 mA	3500 K	1470 lm	110 lm/W	0 4 9 - 6 2 3 0 7 1 <input checked="" type="checkbox"/> F

revision opening for power supply required

**Order options**

COLOUR	
<input checked="" type="checkbox"/> special colours	X
traffic white RAL 9016	7
jet black RAL 9005	8



## BO 55 surface



### SPOT 17°, CRI ≥ 90

FIXTURE	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
20.9 W,	2700 K	1980 lm	95 lm/W	0 4 9 - 6 2 4 0 4 1 <input checked="" type="checkbox"/> S
36 Vf,	3000 K	2060 lm	99 lm/W	0 4 9 - 6 2 4 0 5 1 <input checked="" type="checkbox"/> S
600 mA	3500 K	2110 lm	101 lm/W	0 4 9 - 6 2 4 0 7 1 <input checked="" type="checkbox"/> S

revision opening for power supply required

### MEDIUM 31°, CRI ≥ 90

FIXTURE	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
20.9 W,	2700 K	2000 lm	96 lm/W	0 4 9 - 6 2 4 0 4 1 <input checked="" type="checkbox"/> M
36 Vf,	3000 K	2080 lm	100 lm/W	0 4 9 - 6 2 4 0 5 1 <input checked="" type="checkbox"/> M
600 mA	3500 K	2130 lm	102 lm/W	0 4 9 - 6 2 4 0 7 1 <input checked="" type="checkbox"/> M

revision opening for power supply required

### FLOOD 37°, CRI ≥ 90

FIXTURE	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
20.9 W,	2700 K	2010 lm	97 lm/W	0 4 9 - 6 2 4 0 4 1 <input checked="" type="checkbox"/> F
36 Vf,	3000 K	2090 lm	100 lm/W	0 4 9 - 6 2 4 0 5 1 <input checked="" type="checkbox"/> F
600 mA	3500 K	2140 lm	103 lm/W	0 4 9 - 6 2 4 0 7 1 <input checked="" type="checkbox"/> F

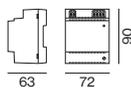
revision opening for power supply required

## Electrical accessories (required)

### POWER SUPPLY 198-264 V AC

TYPE	EFFICIENCY	L-W-H (mm)	ORDER CODE
350 mA   15 W   DALI-2   PC2	η 87 %	166-29-21	0 0 2 - 9 0 7 2 0
350 mA   22 W   non DIM   PC2	η 89 %	180-30-21	0 0 2 - 9 0 7 2 2
400 mA   22 W   non DIM   PC2	η 89 %	180-30-21	0 0 2 - 9 0 7 2 4
600 mA   30 W   non DIM   PC1	η 89 %	180-30-21	0 0 2 - 9 0 7 2 6
400 mA   15 W   DALI-2   PC2	η 87 %	166-29-21	0 0 2 - 9 0 7 2 8
600 mA   40 W   DALI-2   PC2	η 89 %	197-29-21	0 0 2 - 9 0 7 2 9
250 mA   10 W   non DIM   PC2	η 80 %	65-39-20	0 0 2 - 9 0 7 4 2
250 mA   10 W   DALI-2   PC2	η 82 %	166-29-21	0 0 2 - 9 0 7 4 3

## Electrical accessories (optional)



### DIN RAIL POWER SUPPLY BASIC 48 V

TYPE	INPUT VOLTAGE	EFFICIENCY	L-W-H (mm)	ORDER CODE
160 W   PC2	220-240 V AC	η 94 %	72-90-63	0 0 5 - 6 5 2 0 2 1 0

Lifetime >100.000h @ 120W, 45°C ambient temp., cascable max. 3 devices

### DIN RAIL LED DRIVER

TYPE	L-W-H (mm)	ORDER CODE
DALI-2 DT6 1-2 addresses	36-88-59	0 0 5 - 6 1 2 1 0 3 0

200 - 1050mA settable const. current | 2×42W | 48V DC | U OUT 10-40V

## Order options

COLOUR	
<a href="#">special colours</a>	X
traffic white RAL 9016	7
jet black RAL 9005	8

### Optical accessories (optional)

	<b>HONEYCOMB LOUVER</b> for BO 32   JUST 32   MOVE IN 32   TARO 32   TILA 32		
	<b>COLOUR</b>	<b>Ø-H (mm)</b>	<b>ORDER CODE</b>
	jet black	30·3	0 0 7 - 1 9 6 5 1 6 8
	<b>HONEYCOMB LOUVER</b> for ARY   BO 45   JUST 45   MOVE IN 45   TARO 45   TULA micro		
	<b>COLOUR</b>	<b>Ø-H (mm)</b>	<b>ORDER CODE</b>
	jet black	42·3	0 0 7 - 1 9 6 5 1 8 8
	<b>HONEYCOMB LOUVER</b> for BO 55   JUST 55   SASSO 100		
	<b>COLOUR</b>	<b>Ø-H (mm)</b>	<b>ORDER CODE</b>
	jet black	50·3	0 0 7 - 1 9 6 5 5 9 8
	<b>OVAL LENS</b> for BO 32   MOVE IN 32   TARO 32   TILA 32		
	<b>Ø-H (mm)</b>		<b>ORDER CODE</b>
	30·3		0 0 7 - 1 9 6 5 8 6 0
	<b>OVAL LENS</b> for BO 45   JUST 45   MOVE IN 45   TARO 45   TULA micro		
	<b>Ø-H (mm)</b>		<b>ORDER CODE</b>
	42·3		0 0 7 - 1 9 6 5 8 8 0
	<b>OVAL LENS</b> for BO 55   JUST 55		
	<b>Ø-H (mm)</b>		<b>ORDER CODE</b>
	50·3		0 0 7 - 1 9 6 5 8 9 0
	<b>SOFT LENS</b> for BO 32   MOVE IN 32   TARO 32   TILA 32		
	<b>Ø-H (mm)</b>		<b>ORDER CODE</b>
	30·3		0 0 7 - 1 9 6 5 9 6 0
	<b>SOFT LENS</b> for ARY   BO 45   JUST 45   MOVE IN 45   TARO 45   TULA micro		
	<b>Ø-H (mm)</b>		<b>ORDER CODE</b>
	42·3		0 0 7 - 1 9 6 5 9 8 0
	<b>SOFT LENS</b> for BO 55   JUST 55		
	<b>Ø-H (mm)</b>		<b>ORDER CODE</b>
	50·3		0 0 7 - 1 9 6 5 9 9 0
	<b>WALLWASHER LENS</b> for BO 32   MOVE IN 32   TARO 32   TILA 32		
	<b>Ø-H (mm)</b>		<b>ORDER CODE</b>
	30·3		0 0 7 - 1 9 6 5 7 6 0

#### Order options

<b>COLOUR</b>	<input checked="" type="checkbox"/>
special colours	X
traffic white RAL 9016	7
jet black RAL 9005	8



**WALLWASHER LENS** for ARY | BO 45 | JUST 45 | MOVE IN 45 | TARO 45 | TULA micro

<b>Ø-H (mm)</b>	<b>ORDER CODE</b>
42.3	0 0 7 - 1 9 6 5 7 8 0

**WALLWASHER LENS** for BO 55 | JUST 55

<b>Ø-H (mm)</b>	<b>ORDER CODE</b>
50.3	0 0 7 - 1 9 6 5 7 9 0

**Order options**

<b>COLOUR</b>	<input checked="" type="checkbox"/>
<a href="#">special colours</a>	X
traffic white RAL 9016	7
jet black RAL 9005	8

# Equinix, Amsterdam

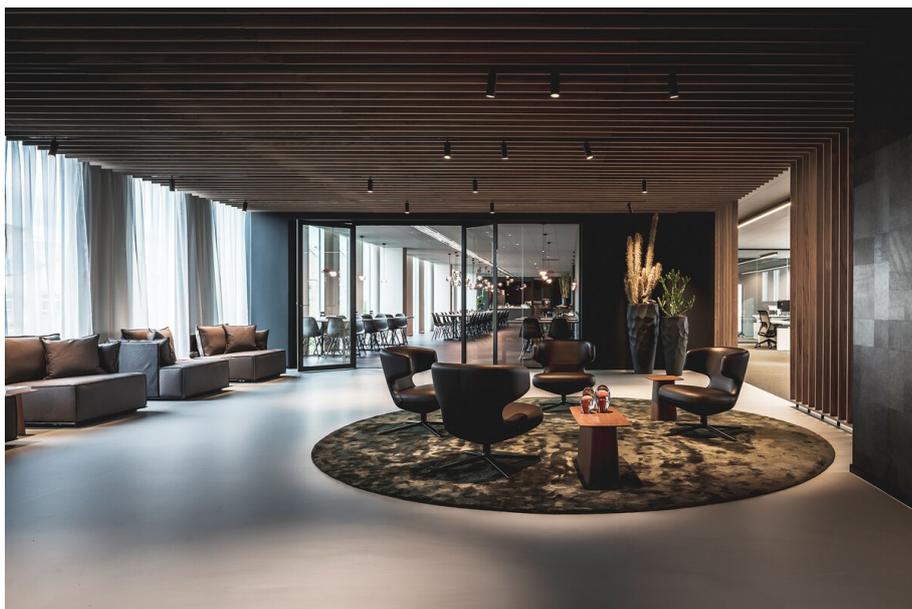
Pays-Bas

## Architecte

KABAZ Architects,  
Hilversum NL

## Photographe

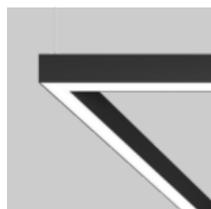
Kabaz



## Produits utilisés

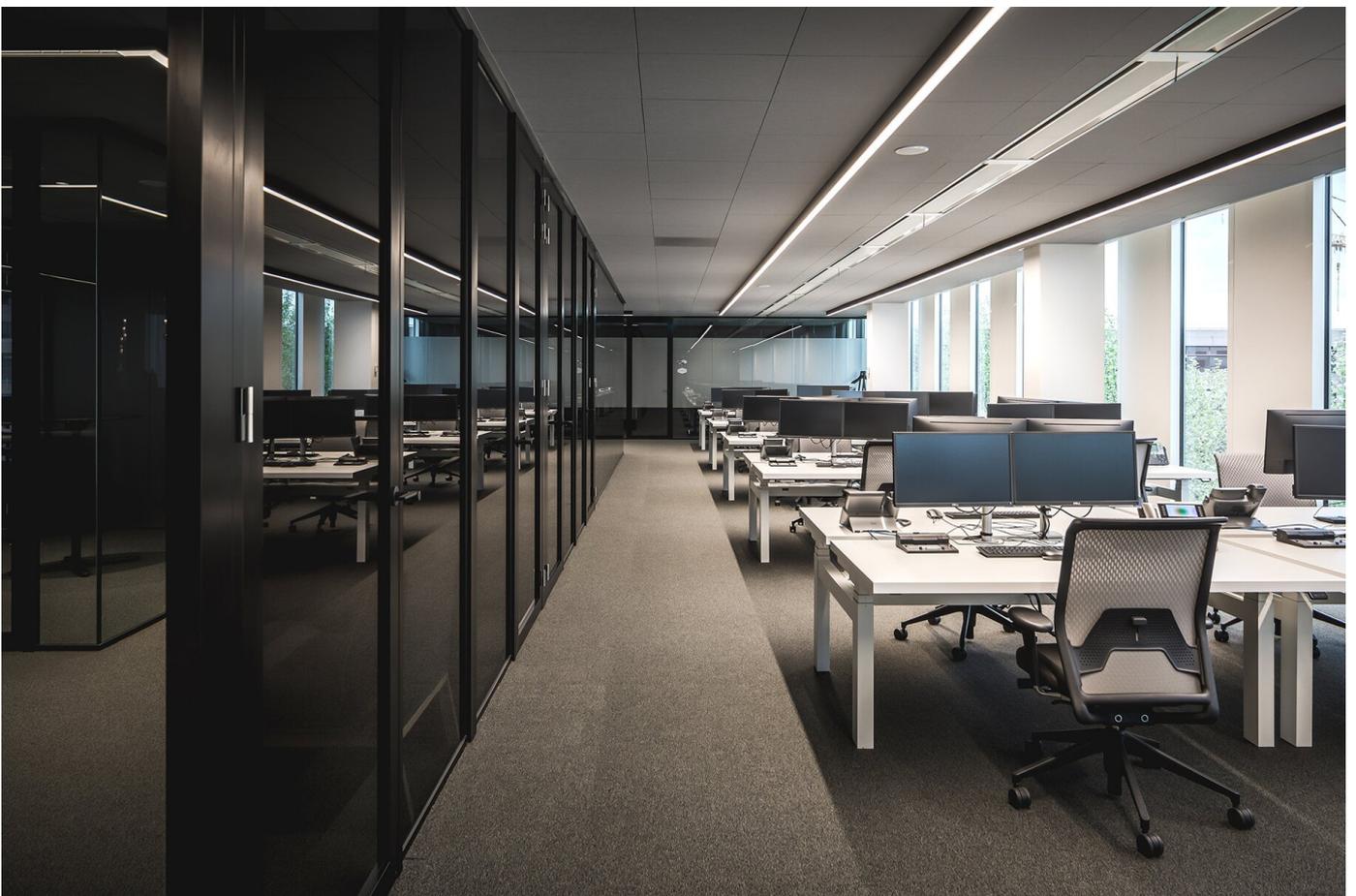


**BO semi-recessed /  
surface**



**MINO 60 ceiling /  
suspended system**





# Wohnhaus Pferdeblick, Austria

Autriche

## Architecte

Baukooperative GmbH

## Lighting Design

Baukooperative GmbH

## Photographe

Schreyer David



## Produits utilisés



**BO semi-recessed / surface**



**MOVE IT 25 surface / suspended system**



**JUST 45 MOVE IT 25 / 25 S / 45**





