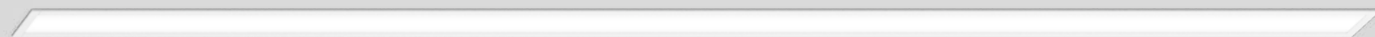


# BASO 40

## trim

[xal.com/baso](http://xal.com/baso)



### Quickinfo

#### GENERAL

recessed

IP20

opt. concrete installation housing

#### LED

Mid-power LED

up to 2345 lm/m

up to 102 lm/W

3000 K, 4000 K

CRI ≥ 80

Binning initial ≤ 3 MacAdam

#### ESTIMATED LED LIFETIME

L80/50000 h

#### OPTICAL

direct illumination

PMMA cover opal

asymmetric illumination

#### ELECTRICAL

non DIM, DIM DALI

#### PHYSICAL

aluminium

powder-coated

halogen-free cable

#### BASO 40

system trim

[page 468](#)



### Description

**DE** Leuchtenkörper aus Aluminiumstrangpressprofil; Einbauleuchte mit umlaufendem Rand; geeignet für Deckenstärken von 8-20 mm; Oberfläche weiß pulverbeschichtet; Leuchtenprofil mit vormontierter Konvertereinheit für Montage vorab lieferbar; Lichteinsatz werkzeuglos montierbar; HPO (High Performance Opal) Abdeckung für homogene Ausleuchtung; oder mit speziell berechneter, asymmetrischer Linse für homogene vertikale Beleuchtungsstärken; energieeffiziente LEDs mit sehr guter Farbwiedergabe; Binning initial ≤ 3 MacAdam; lieferbar in den Lichtfarben 3000 K und 4000 K; CRI ≥ 80; min. 80% des Lichtstromes nach 50 000 h Lebensdauer Schutzart IP20; SK I; optional nicht dimmbar

**EN** Luminaire housing made of extruded aluminium; Recessed luminaire with trim; suitable for ceiling thickness of 8-20 mm; surface white powder coated; luminaire profile with pre-mounted converter unit for mounting available in advance; lighting insert can be installed without tools; HPO (High Performance Opal) cover for uniform illumination; or with specially computed, asymmetrical lens for homogeneous vertical lighting intensity; energy-efficient LEDs with very good colour rendering; binning initial ≤ 3 MacAdam; available in the light colours 3000 K and 4000 K; CRI ≥ 80; min. 80% of the luminous flux after 50 000 hours; protection class IP20; PC I; optional non-dimmable

### Features



high-quality aluminium frame



asymmetric lens

### Standard configuration

COLOUR TEMPERATURE ⬢⬢  
3000K  5

CONTROL ⬢  
DIM DALI  3

MATERIAL COLOUR  
white



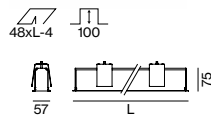
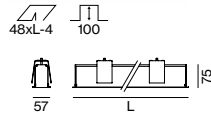
LIGHT OPTIC COVER  
opal high performance

### Extended configuration

COLOUR TEMPERATURE ⬢⬢  
4000K  6

CONTROL ⬢  
non DIM  1

LIGHT OPTIC LENS  
asymmetric



### BASO 40 trim, opal high performance



SYS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
14 W	3000K	1290 lm	619	0 4 5 - 0 5 2 2 <span style="color: blue;">⬢⬢</span> 7 H
	4000K	1370 lm		
28 W	3000K	2580 lm	1219	0 4 5 - 0 5 2 4 <span style="color: blue;">⬢⬢</span> 7 H
	4000K	2740 lm		
42 W	3000K	3860 lm	1819	0 4 5 - 0 5 2 6 <span style="color: blue;">⬢⬢</span> 7 H
	4000K	4100 lm		
56 W	3000K	5150 lm	2419	0 4 5 - 0 5 2 8 <span style="color: blue;">⬢⬢</span> 7 H
	4000K	5470 lm		

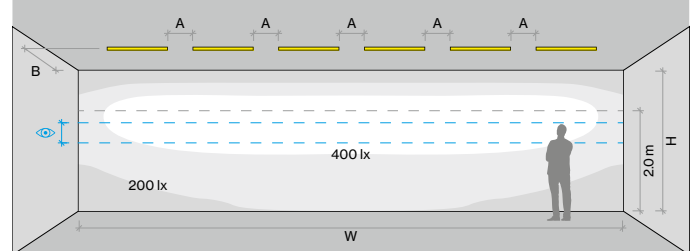
### BASO 40 trim, wallwasher



SYS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
14 W	3000K	1320 lm	619	0 4 5 - 0 5 2 2 <span style="color: blue;">⬢⬢</span> 7 A
	4000K	1400 lm		
28 W	3000K	2640 lm	1219	0 4 5 - 0 5 2 4 <span style="color: blue;">⬢⬢</span> 7 A
	4000K	2810 lm		
42 W	3000K	3970 lm	1819	0 4 5 - 0 5 2 6 <span style="color: blue;">⬢⬢</span> 7 A
	4000K	4210 lm		
56 W	3000K	5290 lm	2419	0 4 5 - 0 5 2 8 <span style="color: blue;">⬢⬢</span> 7 A
	4000K	5620 lm		

### Technical data

#### BASO 40 trim, wallwasher, 28 W, 3000K

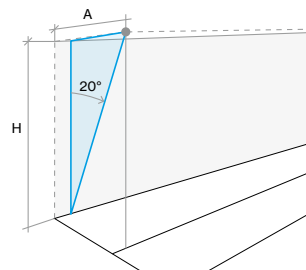


#### ROOM VALUES

Wall dimensions H = 2.8 m | W = 10.8 m  
Distance to wall B = 1.3 m  
Distance between luminaires 0.5 m  
Reflection factor 0.7 | 0.5 | 0.2  
Maintenance factor 0.8

#### CALCULATION SURFACE

Surface dimensions 10.8 × 2.8 m  
Surface height 0 – 2.8 m  
Eye level 👁 1.35 m – 1.75 m



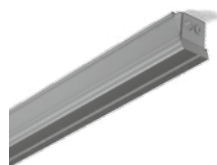
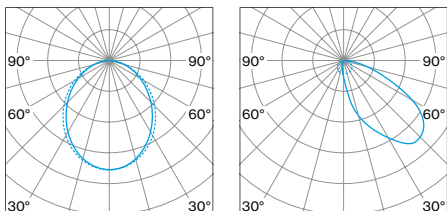
#### MOUNTING DISTANCE

H (mm)	A (mm)
2750	900
3000	1000
3500	1200

### LIGHT DISTRIBUTION

opal high performance

asymmetric



### Mounting accessories

#### CONCRETE INSTALLATION HOUSING

L (mm)	W-H (mm)	ORDER CODE
605	55-86	045-0592010
1205	55-86	045-0594010
1805	55-86	045-0596010
2405	55-86	045-0598010

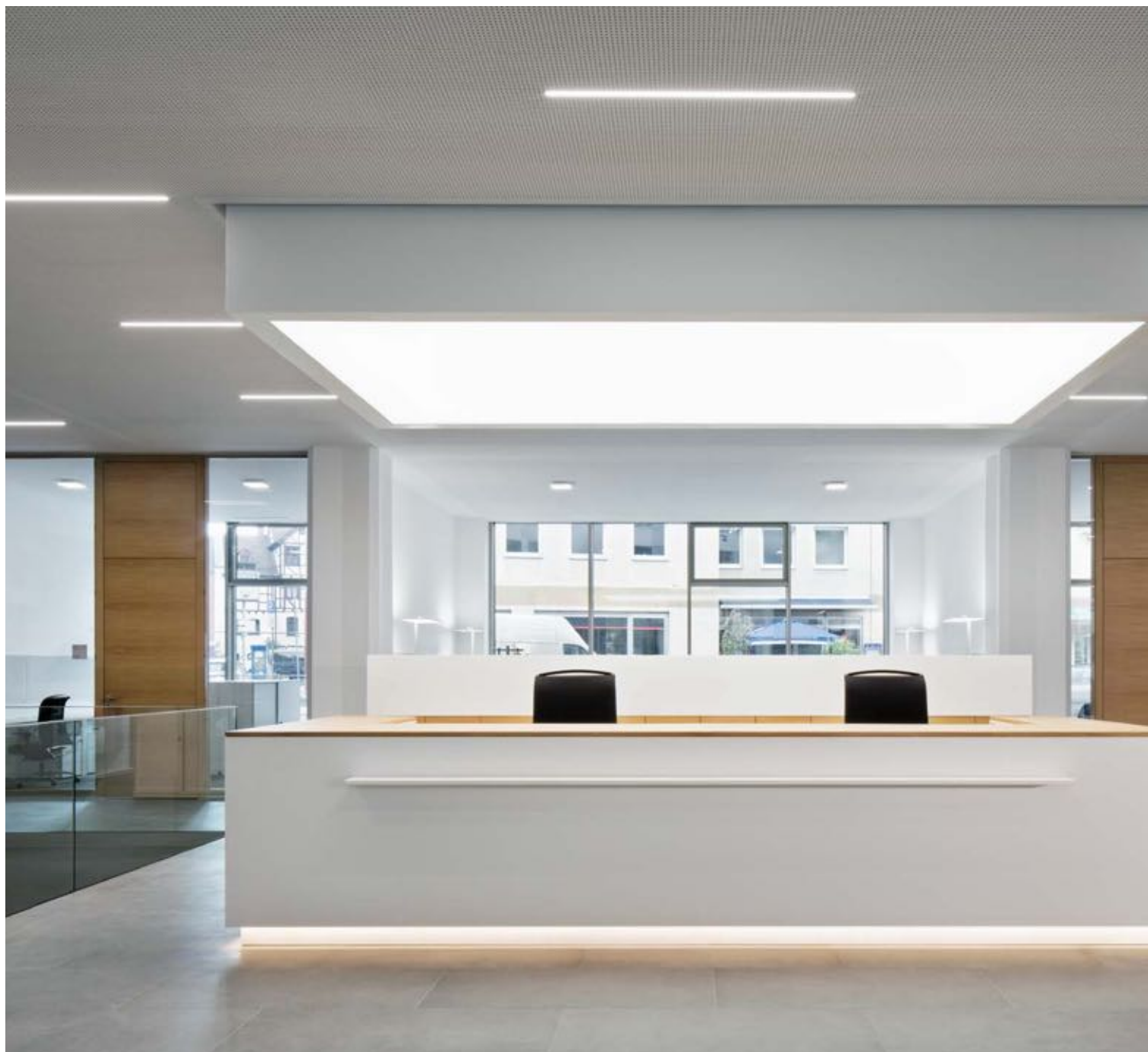
no use for wall installation (only on request)

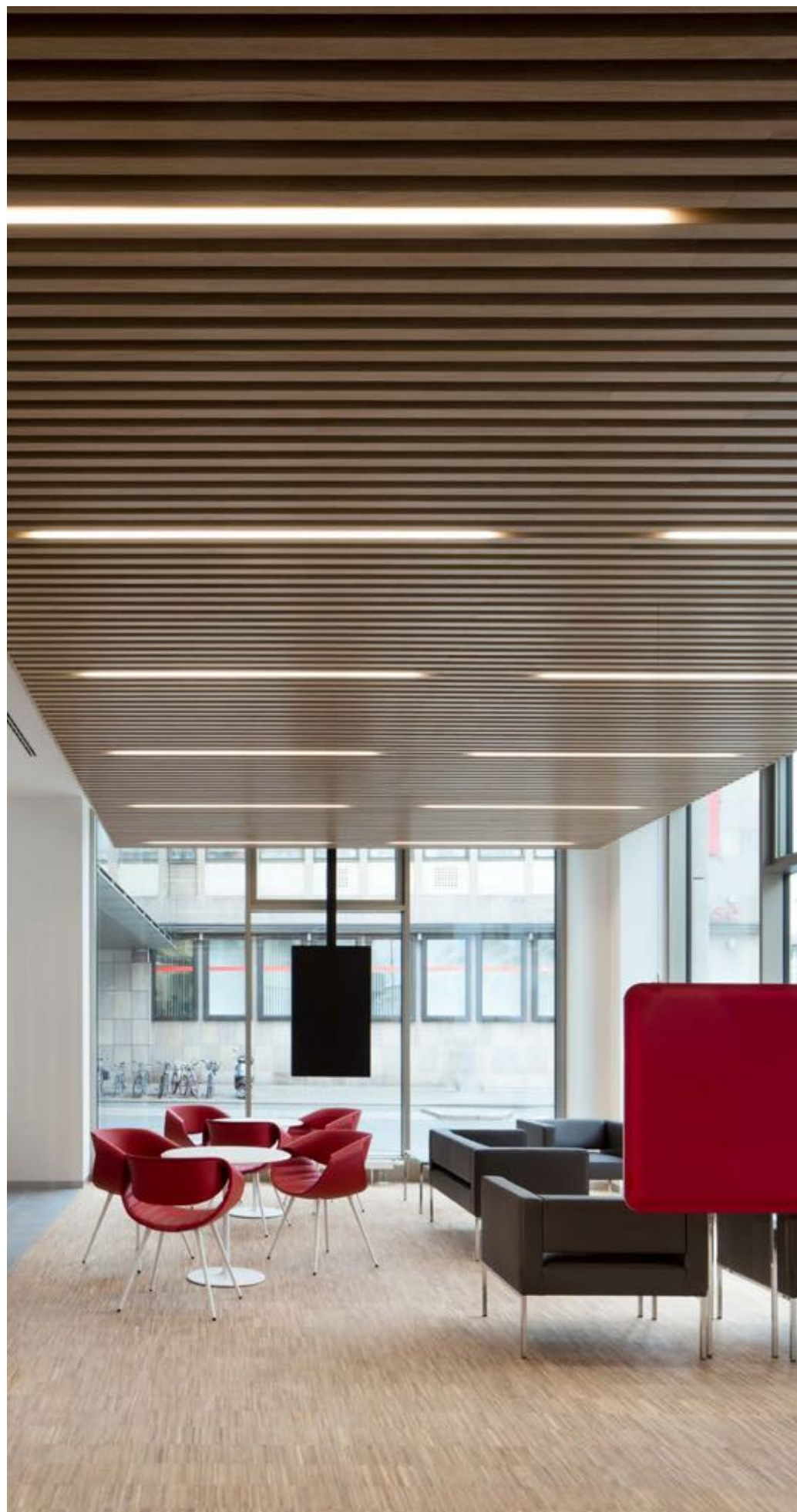
## Inspiration

Sparkasse, Bank  
Nuremberg, Germany

**PRODUCT**  
BASO 40 trim

**ARCHITECT**  
baum-kappler architekten  
Nuremberg, Germany





# BASO 40

## trimless

[xal.com/baso](http://xal.com/baso)

### Quickinfo

#### GENERAL

recessed  
IP20  
opt. concrete installation housing

#### LED

Mid-power LED  
up to 2345 lm/m  
up to 102 lm/W  
3000 K, 4000 K  
CRI  $\geq$  80  
Binning initial  $\leq$  3 MacAdam

#### ESTIMATED LED LIFETIME

L80/50 000 h

#### OPTICAL

direct illumination  
PMMA cover opal  
asymmetric illumination

#### ELECTRICAL

non DIM, DIM DALI

#### PHYSICAL

aluminium raw  
halogen-free cable

#### BASO 40

system trimless

[page 472](#)



### Description

**DE** Leuchtenkörper aus Aluminiumstrangpressprofil; geeignet für den randlosen Einbau in Gipskartondecken; spezielle Randausbildung mit Löchern für bessere Haftung der Spachtelmasse; geeignet für Deckenstärken von 8-20 mm; Oberfläche roh; Leuchtenprofil mit vormontierter Konvertereinheit für Montage vorab lieferbar; Lichteinsatz werkzeuglos montierbar; HPO (High Performance Opal) Abdeckung für homogene Ausleuchtung; oder mit speziell berechneter, asymmetrischer Linse für homogene vertikale Beleuchtungsstärken; energieeffiziente LEDs mit sehr guter Farbwiedergabe; Binning initial  $\leq$  3 MacAdam; lieferbar in den Lichtfarben 3000 K und 4000 K; CRI  $\geq$  80; min. 80 % des Lichtstromes nach 50 000 h Lebensdauer Schutzart IP20; SK I; optional nicht dimmbar

**EN** Luminaire housing made of extruded aluminium; for trimless installation in plasterboard ceilings; special edge design with perforations for better adhesion of filler; suitable for ceiling thickness of 8-20 mm; surface raw; luminaire profile with pre-mounted converter unit for mounting available in advance; lighting insert can be installed without tools; HPO (High Performance Opal) cover for uniform illumination; or with specially computed, asymmetrical lens for homogeneous vertical lighting intensity; energy-efficient LEDs with very good colour rendering; binning initial  $\leq$  3 MacAdam; available in the light colours 3000 K and 4000 K; CRI  $\geq$  80; min. 80% of the luminous flux after 50 000 hours; protection class IP20; PC I; optional non-dimmable

### Features



skimmed into plasterboard ceiling (trimless)



asymmetric lens

### Standard configuration

COLOUR TEMPERATURE ⋮  
3000K  5

CONTROL ↕  
DIM DALI  3

MATERIAL COLOUR  
aluminium raw



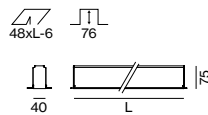
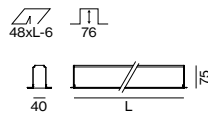
LIGHT OPTIC COVER  
opal high performance

### Extended configuration

COLOUR TEMPERATURE ⋮  
4000K  6

CONTROL ↕  
non DIM  1

LIGHT OPTIC LENS  
asymmetric



### BASO 40 trimless, opal high performance



SYS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
14 W	3000K	1290 lm	620	0 4 5 - 0 7 2 2 ⋮ 0 H
	4000K	1370 lm		
28 W	3000K	2580 lm	1220	0 4 5 - 0 7 2 4 ⋮ 0 H
	4000K	2740 lm		
42 W	3000K	3860 lm	1820	0 4 5 - 0 7 2 6 ⋮ 0 H
	4000K	4100 lm		
56 W	3000K	5150 lm	2420	0 4 5 - 0 7 2 8 ⋮ 0 H
	4000K	5470 lm		

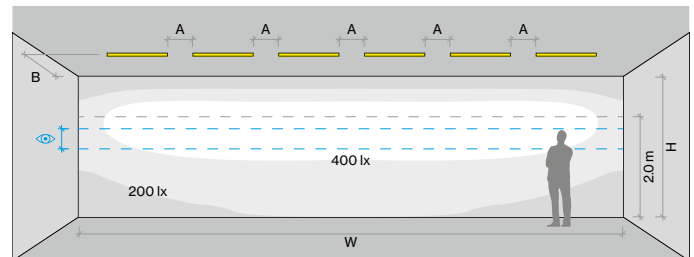
### BASO 40 trimless, wallwasher



SYS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
14 W	3000K	1320 lm	620	0 4 5 - 0 7 2 2 ⋮ 0 A
	4000K	1400 lm		
28 W	3000K	2640 lm	1220	0 4 5 - 0 7 2 4 ⋮ 0 A
	4000K	2810 lm		
42 W	3000K	3970 lm	1820	0 4 5 - 0 7 2 6 ⋮ 0 A
	4000K	4210 lm		
56 W	3000K	5290 lm	2420	0 4 5 - 0 7 2 8 ⋮ 0 A
	4000K	5620 lm		

### Technical data

#### BASO 40 trimless, wallwasher, 28 W, 3000K

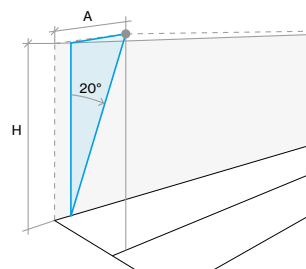


#### ROOM VALUES

Wall dimensions H = 2.8 m | W = 10.8 m  
Distance to wall B = 1.3 m  
Distance between luminaires 0.5 m  
Reflection factor 0.7 | 0.5 | 0.2  
Maintenance factor 0.8

#### CALCULATION SURFACE

Surface dimensions 10.8 × 2.8 m  
Surface height 0 – 2.8 m  
Eye level 1.35 m – 1.75 m



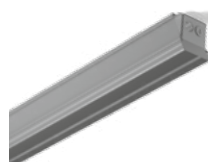
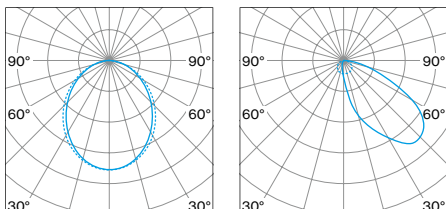
#### MOUNTING DISTANCE

H (mm)	A (mm)
2750	900
3000	1000
3500	1200

### LIGHT DISTRIBUTION

opal high performance

asymmetric



### Mounting accessories

#### CONCRETE INSTALLATION HOUSING

L (mm)	W-H (mm)	ORDER CODE
605	55-86	045-0792010
1205	55-86	045-0794010
1805	55-86	045-0796010
2405	55-86	045-0798010

no use for wall installation (only on request)