Quickinfo

3000 K, 4000 K
CRI ≥ 80
L90 @ 50 000 h
up to 7270 lm
non DIM, DALI-2
opal, microprismatic,
asymmetric lens (wallwasher)

Types

trim		75
	57	

619

1219

1819

2419

Colour

○

Light distributions

direct   asym.

Description

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-assembled converter unit can be pre-mounted; light inset can be installed without tools; HPO (High Performance Opal) cover for uniform illumination; or micro prismatic PMMA diffuser incl. diffuser film for homogeneous illumination and reduced luminance; 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. 90 % of the luminous flux after 50 000 hours; degree of protection IP 20; PC I; photobiological safety according to IEC 62471 risk group 0; optionally non-dimmable or DALI-2 control

IT Corpo illuminante in profilo di alluminio estruso; apparecchio da incasso con bordo perimetrale; per soffitti di spessore 8-20 mm; verniciatura a polveri in bianco; profilo apparecchio con unità convertitore premontata preassemblabile; montaggio dell'unità d'illuminazione senza utensili; diffusore HPO (High Performance Opal) per un'illuminazione omogenea; oppure rifrattore in PMMA a microprismi incl. pellicola di diffusione per ridurre la luminanza mantenendo l'illuminazione omogenea; oppure con lente asimmetrica studiata per illuminamenti verticali uniformi; LED ad efficienza energetica con elevata resa cromatica; binning iniziale ≤ 3 MacAdam; disponibile in temperatura di colore 3000 K e 4000 K; CRI ≥ 80; min. 90 % di flusso luminoso rimanente dopo 50 000 h di durata; protezione IP 20; classe isolamento I; sicurezza fotobiologica secondo la normativa IEC 62471 gruppo di rischio 0; a scelta non dimmerabile o comandi con DALI-2

BASO 40

recessed with trim
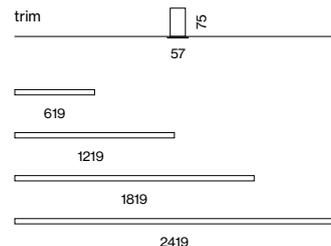
Order options

COLOUR TEMPERATURE

3000 K	5
4000 K	6

CONTROL

non DIM	1
DALI-2	3

MATERIAL COLOUR

white

LIGHT OPTIC COVER

opal high performance	H
microprismatic	Z
asymmetric lens (wallwasher)	

Options on request

COLOUR RENDERING INDEX

CRI ≥ 90
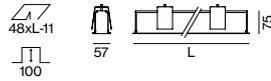
BASO 40 trim

OPAL HIGH PERFORMANCE / MICROPRISMATIC

SYS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
14 W	3000 K	1330 lm	619	0 4 5 - 0 5 2 2 :: ⬍ 7 ▢
	4000 K	1400 lm		
27 W	3000 K	2650 lm	1219	0 4 5 - 0 5 2 4 :: ⬍ 7 ▢
	4000 K	2810 lm		
41 W	3000 K	3980 lm	1819	0 4 5 - 0 5 2 6 :: ⬍ 7 ▢
	4000 K	4210 lm		
55 W	3000 K	5310 lm	2419	0 4 5 - 0 5 2 8 :: ⬍ 7 ▢
	4000 K	5620 lm		

luminous flux opal high performance, -8 % by microprismatic cover

BASO 40 trim

WALLWASHER

SYS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
14 W	3000 K	1720 lm	619	0 4 5 - 0 5 2 2 :: ⬍ 7 A
	4000 K	1820 lm		
27 W	3000 K	3430 lm	1219	0 4 5 - 0 5 2 4 :: ⬍ 7 A
	4000 K	3630 lm		
41 W	3000 K	5150 lm	1819	0 4 5 - 0 5 2 6 :: ⬍ 7 A
	4000 K	5450 lm		
54 W	3000 K	6870 lm	2419	0 4 5 - 0 5 2 8 :: ⬍ 7 A
	4000 K	7270 lm		

Technical data

BASO 40 trim, wallwasher, 27 W, 3000 K
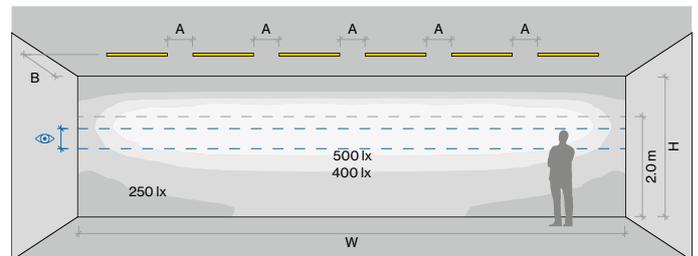
ROOM VALUES

Wall dimensions	H = 2.8 m	W = 10.8 m
Distance to wall	B = 1.3 m	
Distance between luminaires	A = 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
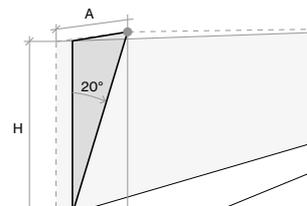
MOUNTING DISTANCE

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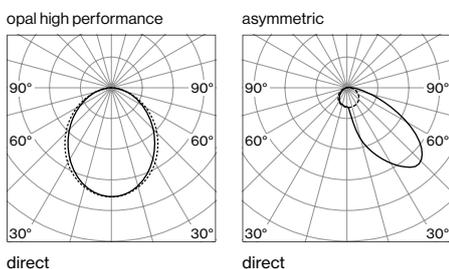
Mounting accessories

CONCRETE INSTALLATION HOUSING

L (mm)	W·H (mm)	ORDER CODE
660	56·86	0 4 5 - 0 5 9 2 0 1 0
1260	56·86	0 4 5 - 0 5 9 4 0 1 0
1860	56·86	0 4 5 - 0 5 9 6 0 1 0
2460	56·86	0 4 5 - 0 5 9 8 0 1 0

no use for wall installation (only on request)

LIGHT DISTRIBUTION

opal high performance

asymmetric

direct

direct

Quickinfo

3000 K, 4000 K
CRI ≥ 80
L90 @ 50 000 h
UGR ≤ 19 / 65° ≤ 1500 cd/m²
up to 8730 lm
non DIM, DALI-2
reflector (UGR ≤ 19)

Types

trim

57
75

619

1219

1819

2419

Colour

Light distributions

direct

Description

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-assembled converter unit can
be pre-mounted; light inset can be installed
without tools; light inset made from extruded
profile for improved thermal management;
high-quality, chromed reflector with faceted
design; workplace light suitable for VDUs
according to DIN EN 12464-1 (UGR ≤ 19);
energy-efficient LEDs with very good colour
rendering; binning initial ≤ 3 MacAdam; avail-
able in the light colours 3000 K and 4000 K;
CRI ≥ 80; min. 90 % of the luminous flux after
50 000 hours; degree of protection IP 20; PC I;
optionally non-dimmable or DALI-2 control

IT Corpo illuminante in profilo di alluminio estruso;
apparecchio da incasso con bordo perimetrale;
per soffitti di spessore 8-20 mm; verniciatura
a polveri in bianco; profilo apparecchio con
unità convertitore premontata preassemblabile;
montaggio dell'unità d'illuminazione senza
utensili; unità d'illuminazione in profilo di alluminio
estruso per migliorare il bilancio termico; riflettore
cromata d'alta qualità con ottica sfaccettata;
apparecchio per posti di lavoro al computer conf.
DIN EN 12464-1 (UGR ≤ 19); LED ad efficienza
energetica con elevata resa cromatica; binning
iniziale ≤ 3 MacAdam; disponibile in temperatura
di colore 3000 K e 4000 K; CRI ≥ 80; min. 90 %
di flusso luminoso rimanente dopo 50 000 h di
durata; protezione IP 20; classe isolamento I; a
scelta non dimmerabile o comandi con DALI-2

BASO 40 reflector

recessed with trim
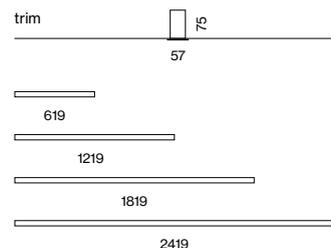
Order options

COLOUR TEMPERATURE

3000 K	5
4000 K	6

CONTROL

non DIM	1
DALI-2	3

MATERIAL COLOUR

white

LIGHT OPTIC COVER

reflector (UGR ≤ 19)

Options on request

COLOUR RENDERING INDEX

CRI ≥ 90

BASO 40 trim

UGR ≤19	cd/m² ≤1500	DALI 1 ADDR.	220-240V

48xL-11
57
75
100
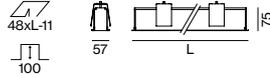
REFLECTOR

SYS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
20 W	3000 K	2060 lm	619	0 4 5 - 0 5 2 2 :: ‡ 7 R
	4000 K	2180 lm		
40 W	3000 K	4120 lm	1219	0 4 5 - 0 5 2 4 :: ‡ 7 R
	4000 K	4370 lm		
61 W	3000 K	6190 lm	1819	0 4 5 - 0 5 2 6 :: ‡ 7 R
	4000 K	6550 lm		
81 W	3000 K	8250 lm	2419	0 4 5 - 0 5 2 8 :: ‡ 7 R
	4000 K	8730 lm		

LIGHT DISTRIBUTION

reflector (UGR ≤ 19)

Technical data
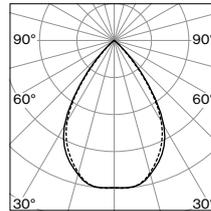
500 lx
400 lx
250 lx
100 lx
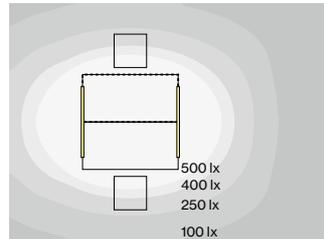
BASO 40 reflector, 40 W, 4000 K

ROOM VALUES

Room dimensions	5.4 × 4 × 2.8 m
Reflection factor	0.7	0.5	0.2
Maintenance factor	0.8

CALCULATION SURFACE ······

Surface dimensions	1.6 × 0.8
Surface height	0.75
Average illuminance (E_m)	> 500 lx
Uniformity (U_0)	> 0.6

GLARE EVALUATION

Table Classification X=4H | Y=8H | S=0.25H

UGR transversal	< 19
UGR axial	< 19
≥ 65° ≤ 1500 cd/m²	

Mounting accessories

CONCRETE INSTALLATION HOUSING

L (mm)	W·H (mm)	ORDER CODE
660	56·86	0 4 5 - 0 5 9 2 0 1 0
1260	56·86	0 4 5 - 0 5 9 4 0 1 0
1860	56·86	0 4 5 - 0 5 9 6 0 1 0
2460	56·86	0 4 5 - 0 5 9 8 0 1 0

no use for wall installation (only on request)