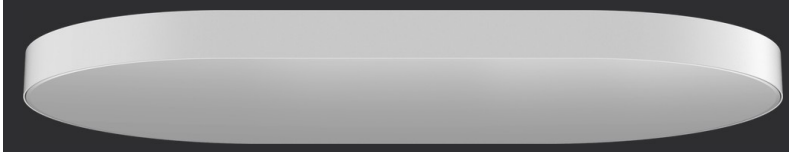
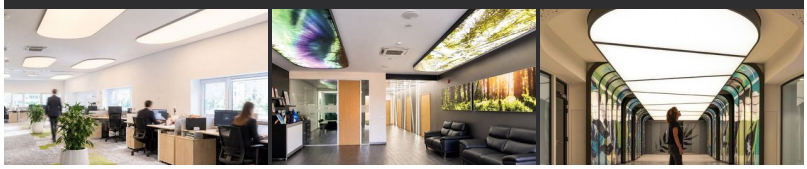
SHAPE OF LIGHT COLLECTION

POLO





Spec by:

Agency:

Project Name:

Type of Project:

Notes:

CRI ≥97
COLOUR RENDERING

R9 ≥89
DEEP RED (R9)

Class A
ACOUSTIC RATING

LIGHTING PERFORMANCE*

	Output	Size		
		S 1200 × 1500 mm	**M** 1200 × 2500 mm	**L** 1200 × 3000 mm
Power consumption (Watts)	Type 27 High flux h = 200 mm	304 W	538 W	655 W
Delivered output (Lumens)		19 468 lm	34 444 lm	41 932 lm
Power consumption (Watts)	Type 22 Medium flux h = 118 mm	135 W	240 W	293 W
Delivered output (Lumens)		8 404 lm	14 981 lm	18 270 lm
Power consumption (Watts)	Type 47 h = 100 mm	135 W	240 W	293 W
Delivered output (Lumens)		8 404 lm	14 981 lm	18 270 lm
Power consumption (Watts)	Type 46 h = 80 mm	135 W	240 W	293 W
Delivered output (Lumens)		8 404 lm	14 981 lm	18 270 lm

* Type 27: high flux. Type 22: medium flux. h = profile height.

CONFIGURATION OPTIONS

Model	Size	Type	Mounting	Frame colour	CCT	Control	Diffuser
Polo oblong, rounded ends, aluminium frame	S 1200 × 1500 mm M 1200 × 2500 mm L 1200 × 3000 mm Custom sizes on request	27 h = 200 mm 22 h = 118 mm 47 h = 100 mm 46 h = 80 mm	Recessed Surface Suspended PSU inside housing	Raw aluminium Painted: black, white, any RAL Texture Custom print	WW 3 000 K NW 4 000 K TW 2 700–6 500 K* 5 000 K, 6 000 K, RGBW*	0/1–10 V DALI 2* DMX*	Flexible translucent diffuser Optional: print

* Tunable White, DALI 2, DMX, 5 000 K, 6 000 K and RGBW are options for high luminous flux luminaires Type 27 (h = 200 mm). Standard frame: raw aluminium; also powder-coated, textured or printed on request.

TECHNICAL SPECIFICATIONS

Diffuser

Flexible translucent diffuser	
Material	Easily accessible flexible translucent diffuser
Weight	250 g/m²
Fire classification	CAN/ULC-S102.2 / EN 13501-1 Class B
Acoustic option	Acoustic features available

Frame color

Material	**Aluminium**			
Standard color	Raw aluminium	Unpainted aluminium profile		
Painted powder-coated	Black	White	Any RAL	Any RAL colour on request
Textures	Wood texture	Stone texture	Metal texture	Decorative texture imitation

Note: Custom colours, decorative textures and printed patterns or logos are available on request.

Lighting

Location	Indoor, any premises
CRI (Ra)	≥ 97
R9	≥ 89
Colour uniformity (typical)	2 SDCM
Lumen maintenance	75 000 hr
Operating environment (TA)	-25 °C to +55 °C
Storage temperature (TS)	-40 °C to +85 °C
Max. case temperature (TC)	80 °C

Electrical

Input voltage	110 – 240 V
LED technology	24 V
Dimming	0/1–10 V (DALI 2, DMX optional*)
Power supply	Mounted within the housing

* Options for high luminous flux luminaires Type 27 (h = 200 mm).

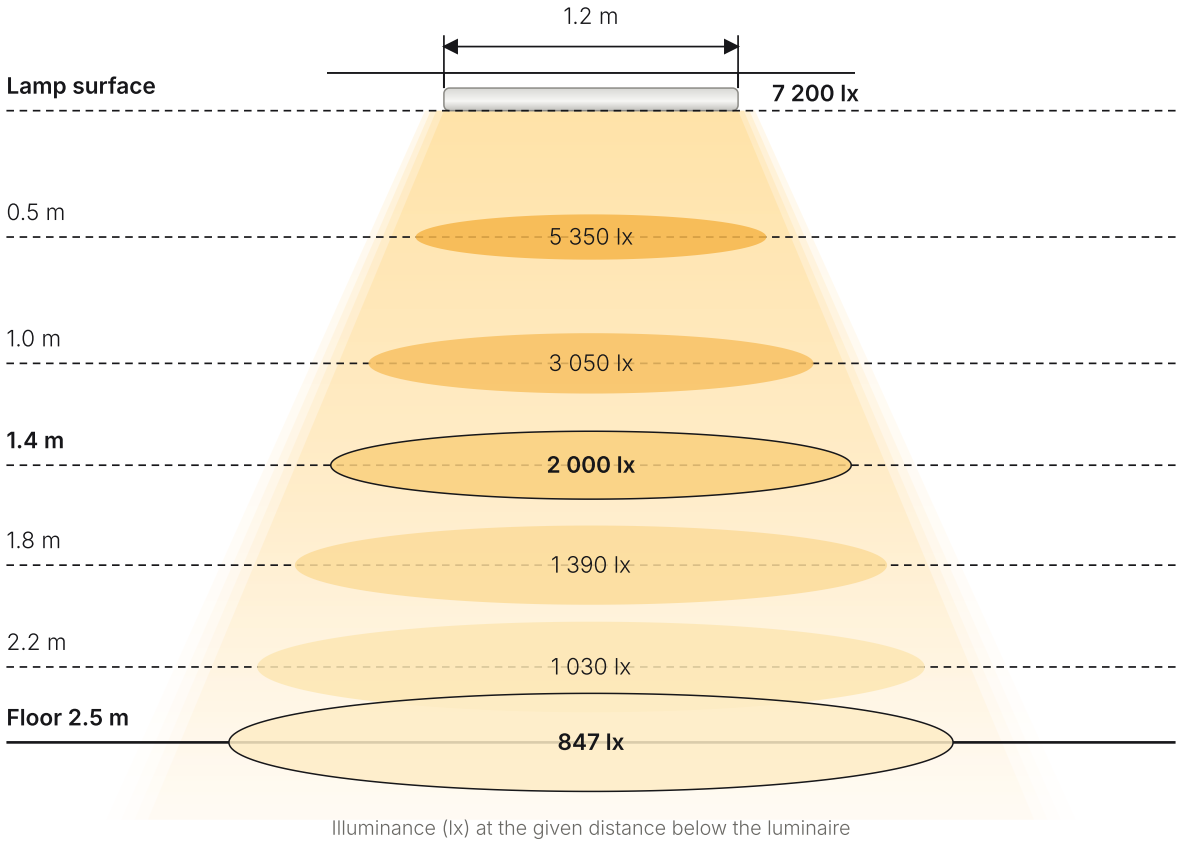
LIGHTING PERFORMANCE AND EFFICIENCY

Colour temperature

Light source	Colour temperature	CRI (Ra)
Warm White (WW)	3 000 K	≥ 97
Neutral White (NW)	4 000 K	≥ 97
Tunable White (TW)*	2 700 – 6 500 K	≥ 97

* Tunable White available on Type 27 (h = 200 mm) only.

Illuminance by distance from the luminaire

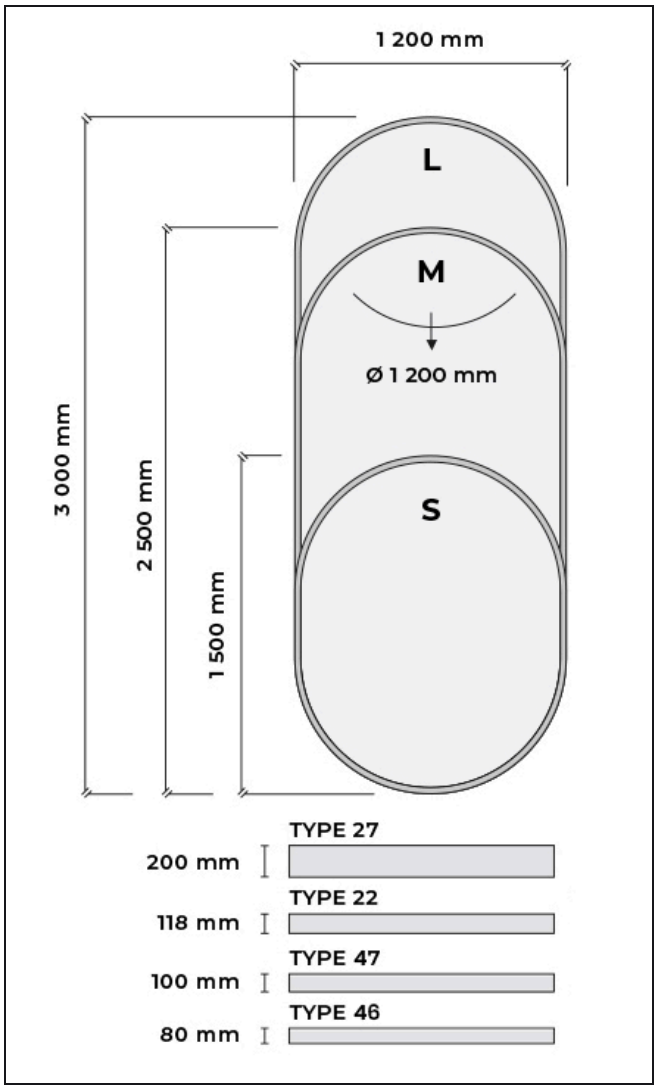


Illuminance (lx) at the given distance below the luminaire

Note: Values in bold are measured; intermediate values are interpolated. Distances are measured from the lamp surface; the floor is 2.5 m below the lamp.

SIZES AND MOUNTING

Dimensions & drawing

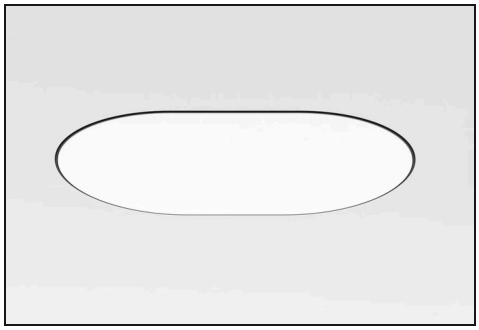


Size	Dimensions
S	1200 × 1500 mm
M	1200 × 2500 mm
L	1200 × 3000 mm

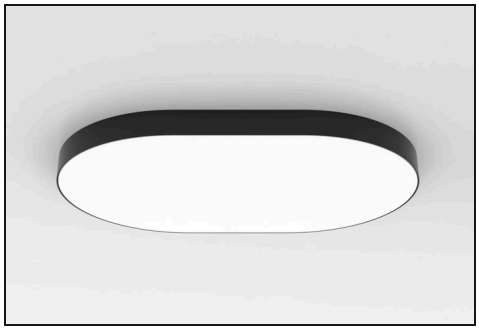
Type	Height
Type 27 High flux	200 mm
Type 22 Medium flux	118 mm
Type 47	100 mm
Type 46	80 mm

Custom sizes are available on request.

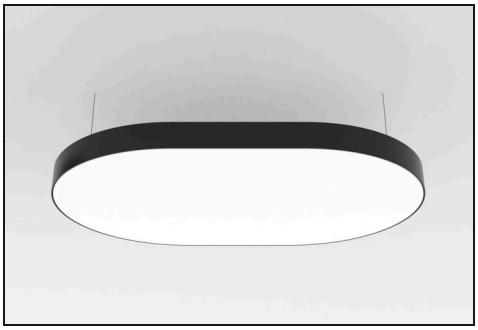
Mounting options



01 Recessed into the ceiling



02 Surface-mounted on the ceiling



03 Suspended on cables