

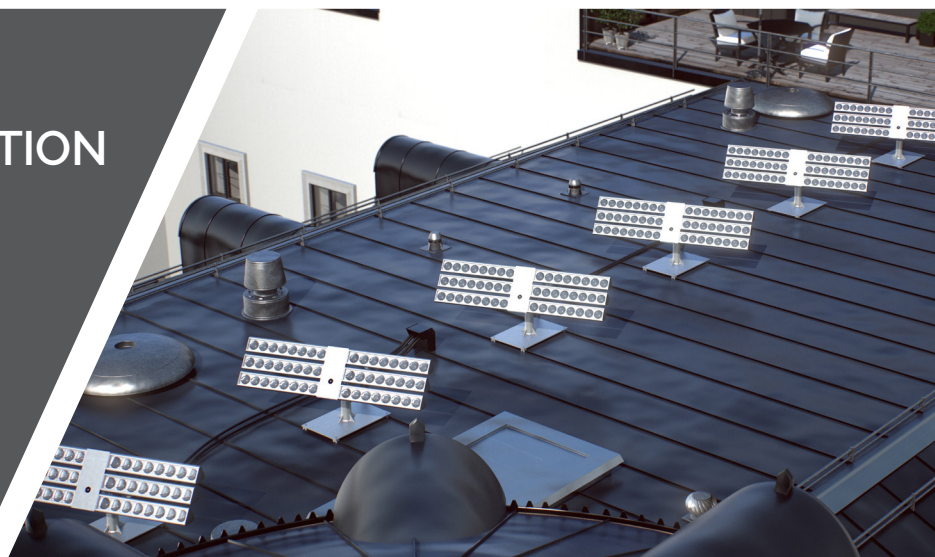


Leading sunlight

SP4 PRODUCT SPECIFICATION

– FOURTH GENERATION PARANS SYSTEM

- Highest light quality available
- Customized cable length — up to 100 meters
- Modular system: 8-40 light points/collector
- No IR and UV
- Flexible and thin cables
- Connected to the cloud



Five sizes



SP4-8.2



SP4-12.2



SP4-16.2



SP4-24.2

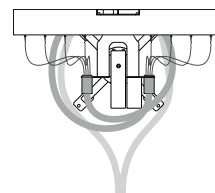
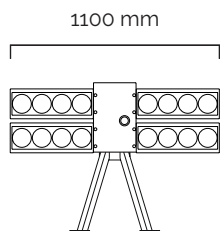


SP4-40.2

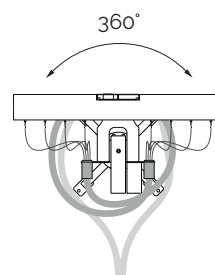
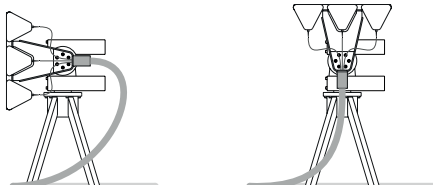
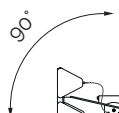
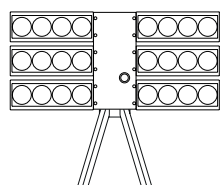
	SP4-8.2	SP4-12.2	SP4-16.2	SP4-24.2	SP4-40.2
Width (mm)	1100	1100	1950	1950	1950
Height (mm)	820	940	820	940	1120
Weight (kg) without cables	60	65	75	85	95
Fibre optic cables = light points	8 pcs	12 pcs	16 pcs	24 pcs	40 pcs
Light output (lm)*	5 600	8 400	11 200	16 800	28 000
Light output (lm) per cable*	700				
Maximum cable length	100 meters (customized for each cable)				
Fiber optic cable diameter	4 mm				
Minimum bending radius	180 mm				
Power supply	100-250 V AC, 50-60 Hz				
Power consumption	0-12 W				
Operating Temperature	-20°C – +50°C				
Materials	Aluminium, Steel, Glass, Acrylic, PE				
IP rating (electronics)	IP66				
Connection	Web Interface (GPRS/3G/4G)				

* All values are based on solar illuminance of 100 000 Lux and dependent on the cable length.

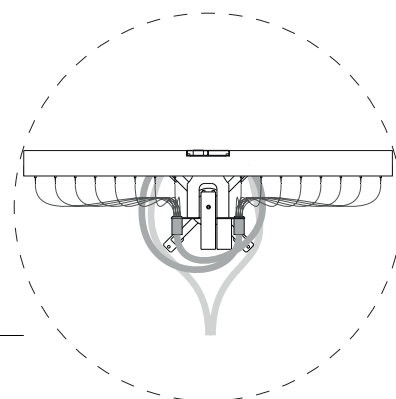
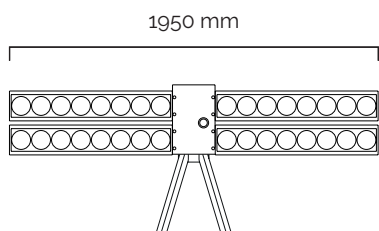
SP4-8.2



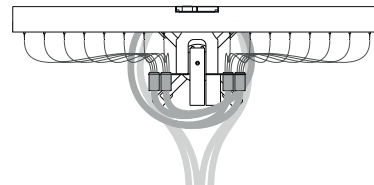
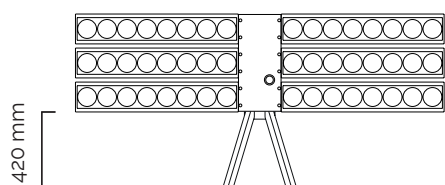
SP4-12.2



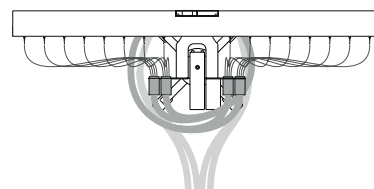
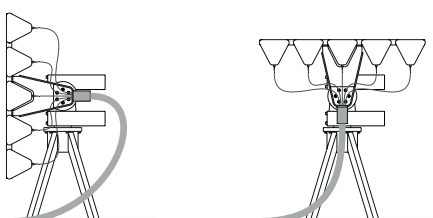
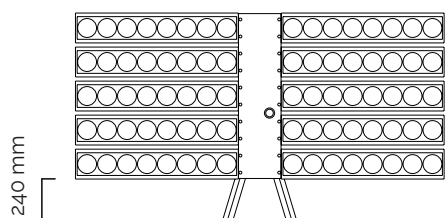
SP4-16.2



SP4-24.2



SP4-40.2



SP4 LUMINAIRES

- NATURAL LIGHT INSIDE

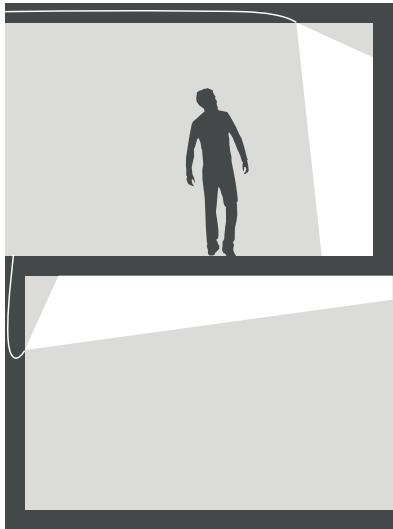
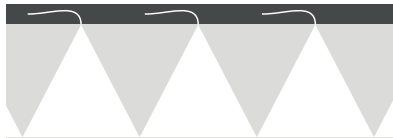
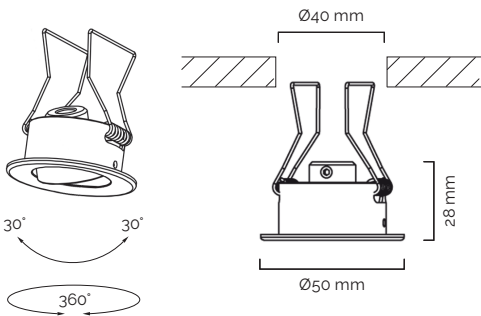
Spread the light in a variety of ways meeting your demands:

- POINT LIGHT — provides light over a large area
- CEILING LIGHT — providing light over the ceiling
- WALL LIGHT — providing light over the wall
- AMBIENT LIGHT — for general background lighting

Which light experience do you prefer?



Point light/Wall light/Ceiling Light



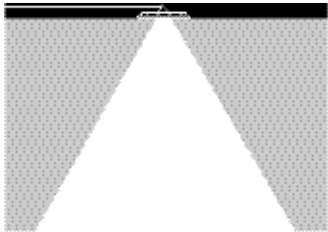
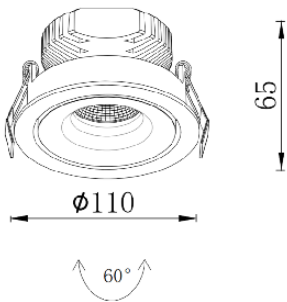
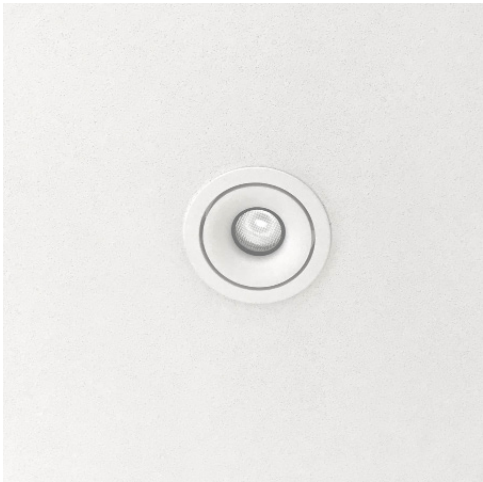
LUMINAIRES

Point Light/Wall light/Ceiling light

Dimensions	Ø50 x 28 mm
Weight	<0,05 kg
Material	Aluminum
Recess depth	210 mm
Fiber optic cables per luminary	1
Light output per cable (lm)	700*
Tilt	30°
Rotate	360°
Protection rating	IP44
Mounting	Recessed, with spring
Ceiling material	False ceiling

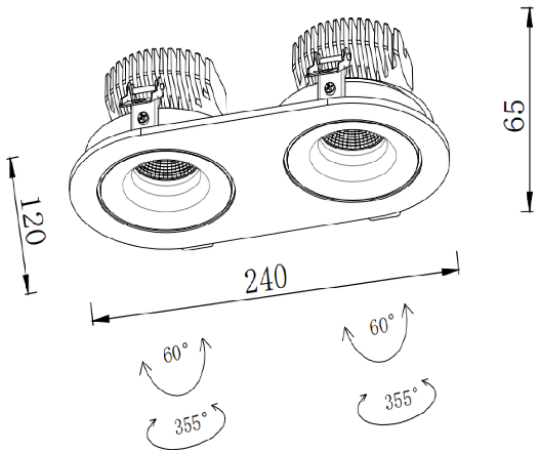
*All values are based on solar illuminance of 100 000 Lux and dependent on length of optical cable.

Pure Point Light



Pure sunlight

Hybrid Point Light



Sunlight is complemented by LED light.

Can be complemented with DALI/DSI *) driver for use with these control systems.

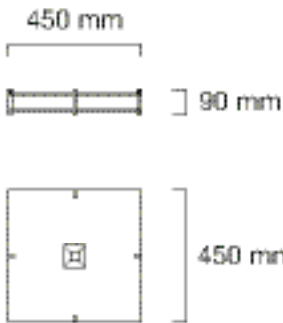
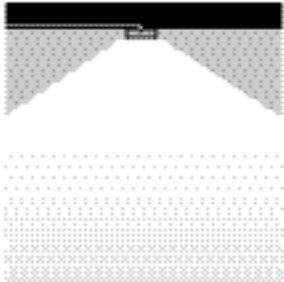
*) the DALI system is not in our product range

LUMINAIRES	Pure Point Light	Hybrid Point Light
Dimensions	110 x 110 x 65 mm	240 x 120 x 65 mm
Weight	0,5 kg	0,95 kg
Material	Aluminum	Aluminum
Recess depth	250 mm	250 mm
Fiber optic cables per luminary	1	1
Light output per cable (lm)	700*	700*
LED light output	-	755 lm
LED power consumption	-	12 W
Tilt	60°	60°
Rotate	355°	355°
Protection rating	IP20	IP20
Mounting hole	Ø 100	Ø 2 x 100-110
Mounting	Recessed, with spring	Recessed, with spring
Ceiling material	False ceiling	False ceiling

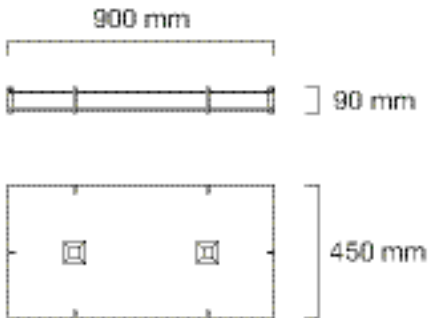
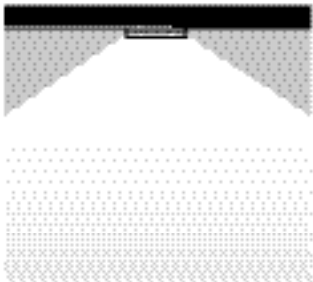
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L1 SMALL



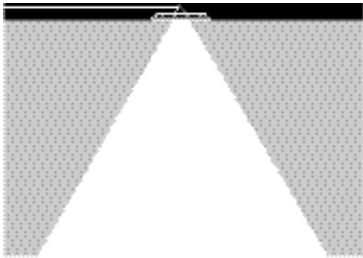
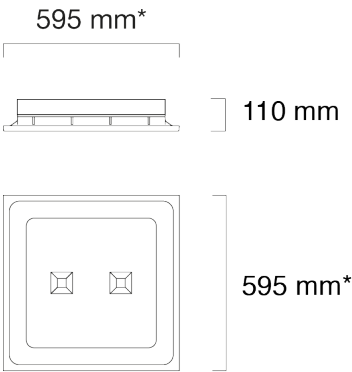
L1 MEDIUM



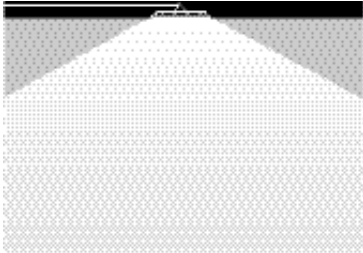
LUMINAIRES	L1 SMALL	L1 MEDIUM
Dimensions	450 x 450 x 90 mm	450 x 900 x 90 mm
Weight	3,6 kg	7,2 kg
Material	Acrylic	Acrylic
Recess depth	180 mm	180 mm
Fiber optic cables per luminary	1	2
Light output per cable (lm)	700*	700*
Mounting	Screws and plugs	Screws and plugs
Ceiling material	Hard / false ceiling	Hard / false ceiling

*All values are based on solar illuminance of 100 000 Lux and dependent on length of optical cable.

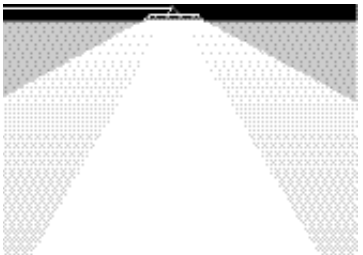
PURE LIGHT



Pure sunlight



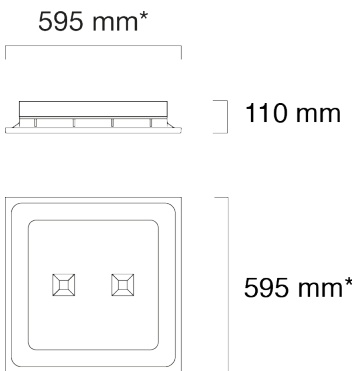
LED light



LED light and sunlight

Passive luminaire, which fits into standard tile ceilings (60x60 cm/2x2 ft).

HYBRID LIGHT



Hybrid luminaire, which fits into standard tile ceilings (60x60 cm/2x2 ft).
Sunlight is complemented by LED light.

* Fits US standard: 2 x 2 ft



Can be complemented with DALI/DSI driver for use with these control systems.
See separate specification and instruction.

LUMINAIRES	PURE LIGHT	HYBRID LIGHT
Dimensions	595 x 595 x 110 mm	595 x 595 x 110 mm
Weight	7 kg	7 kg
Material	PMMA, PC, Steel	PMMA, PC, Steel, LED
Recess depth	300 mm	300 mm
Fiber optic cables per luminary	2	2
Light output per cable (lm)	700*	700*
LED light output	-	990 lm / luminary
LED power consumption	-	15 W
Mounting	Replace the ceiling tile	Replace the ceiling tile
Ceiling material	False ceiling	False ceiling

*All values are based on solar illuminance of 100 000 Lux and dependent on length of optical cable.