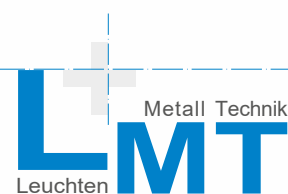


# Light and Form in Perfection.



**Indoor  
Lighting**

# Indoor Lighting

Downlights	with reflectors	3 - 9
	with hybrid optics	7
	with lenses	10 - 15
Linear systems	sharp edged	15 - 17
	soft edged	18 - 19
Wallwasher	ceiling mounted	17   19
	wall mounted	20
	recessed	8   21
Track lights	wallwasher	22
	spotlight	23



## Lighting tubes

Light + more for stations



From simple lighting tubes and handrails to complex media carrier systems - we offer a comprehensive portfolio of various solutions in aluminium and stainless steel, for station platforms and numerous other application options.

## Luminaires

according to your design



In cooperation with architects and planners, we develop and manufacture project-related solutions for individual architectural lighting indoors and outdoors, as well as luminaires with special requirements and for technical purposes.

## Metal technology

innovative and precise



Whether for medical technology or mechanical engineering - we manufacture a wide variety of metal products. The spectrum ranges from custom-made cladding and fixtures to art and design objects and contract manufacturing of components.



## Description

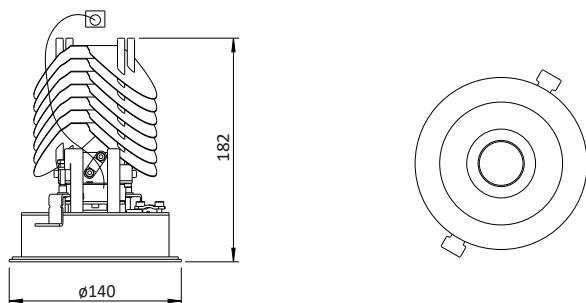
Recessed LED downlight with a direct light source surrounded by a backlit ceiling ring. Available with 2x 30°, 2x 45° or 2x 60° reflector, each with the light colours 3000 K, 4000 K, as well as CTM (multicolour + tunable white 1650-8000 K), light ring with 6000 K or optionally coloured LEDs. With Patented cooling device for an optimum thermal management. Designed by Conceptlicht.

## Design

+ Housing : Aluminium coated RAL 9003

## Technical data

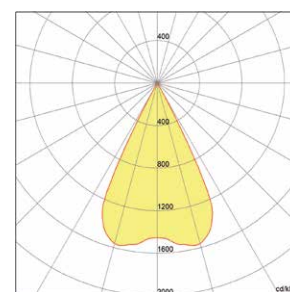
- + Syst. performance : 46 W at 3000 K + 4000 K | 41 W at 1650-8000 K
- + Dimming : Bluetooth interface with app control at CTM; Dali | DMX | 1-10V
- + Dimensions : ø 140 mm, H= 182 mm
- + Recess : ø 125 mm, H= 200 mm
- + Operating unit : external installation with plug-in connector
- + Protection class : IP 20



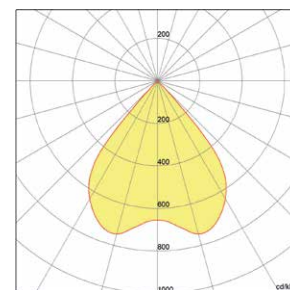
## Light distribution

— C 0 - C 180 — C 90 - C 270

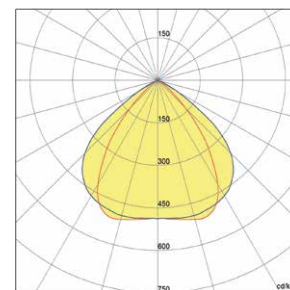
### SCOPE 2x 30°



### SCOPE 2x 45°



### SCOPE 2x 60°



Article	Description	Watt	Lumen	Kelvin	CRI	Surface	Dimensions ø x h	Unit	Art.No.	
01	SCOPE iris 2x 30°	LED recessed downlight + light ring	35 + 6	1640	1650-8000	94+	RAL 9003	140 x 182 mm	piece	2580-200-1
02	SCOPE iris 2x 30°	LED recessed downlight + light ring	40 + 6	3760	4000	90	RAL 9003	140 x 182 mm	piece	2580-200-3
03	SCOPE iris 2x 30°	LED recessed downlight + light ring	40 + 6	3350	3000	90	RAL 9003	140 x 182 mm	piece	2580-200-2
04	SCOPE iris 2x 45°	LED recessed downlight + light ring	35 + 6	1720	1650-8000	94+	RAL 9003	140 x 182 mm	piece	2580-201-1
05	SCOPE iris 2x 45°	LED recessed downlight + light ring	40 + 6	3940	4000	90	RAL 9003	140 x 182 mm	piece	2580-201-3
06	SCOPE iris 2x 45°	LED recessed downlight + light ring	40 + 6	3730	3000	90	RAL 9003	140 x 182 mm	piece	2580-201-2
07	SCOPE iris 2x 60°	LED recessed downlight + light ring	35 + 6	1800	1650-8000	94+	RAL 9003	140 x 182 mm	piece	2580-202-1
08	SCOPE iris 2x 60°	LED recessed downlight + light ring	40 + 6	4130	4000	90	RAL 9003	140 x 182 mm	piece	2580-202-3
09	SCOPE iris 2x 60°	LED recessed downlight + light ring	40 + 6	3900	3000	90	RAL 9003	140 x 182 mm	piece	2580-202-2

Operating units must be ordered separately. Other cooling devices and surface coatings on enquiry. Subject to technical modifications and error.



# SCOPE cone Recessed downlight



## Description

Recessed LED downlight with ceiling passepartout ring for an individual ceiling design. Either as fixed or as swiveling type, and with three different light distribution angles: 2x 30°, 2x 45° and 2x 60°. Available light colours: 3000 K, 4000 K and CTM (multicolour + tunable white 1650-8000 K). The patented cooling device provides an optimum thermal management. Designed by Conceptlicht.

## Design

+ Housing : Aluminium coated RAL 9003

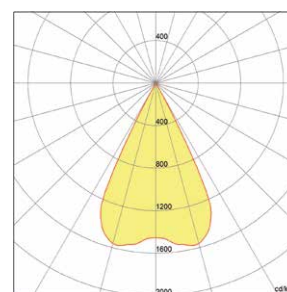
## Technical data

- + Syst. performance : 40 W at 3000 / 4000 K | 35 W at multicolour + tunable white
- + Dimming : Bluetooth interface with app control at CTM; Dali / DMX / 1-10V
- + Dimensions :  $\varnothing$  140 mm, H= 182 | 196 mm
- + Recess :  $\varnothing$  125 mm, H= 200 mm
- + Operating unit : external installation with plug-in connector
- + Protection class : IP 20

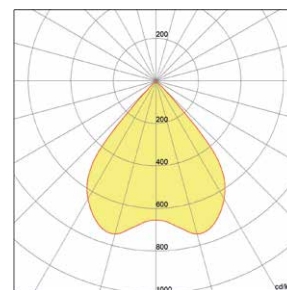
## Light distribution

— C 0 - C 180 — C 90 - C 270

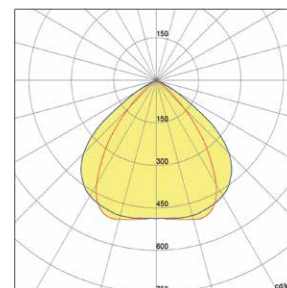
### SCOPE 2x 30°



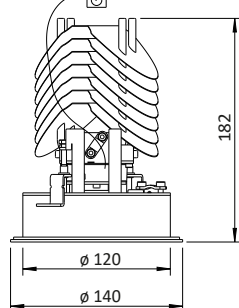
### SCOPE 2x 45°



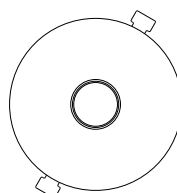
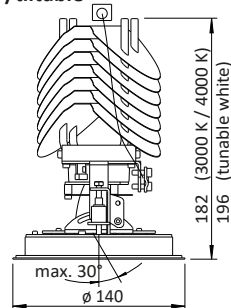
### SCOPE 2x 60°



SCOPE cone fixed



SCOPE cone turn-/tiltable



Article	Description	Watt	Lumen	Kelvin	CRI	Surface	Dimensions $\varnothing$ x h	Unit	Art.No.
01	SCOPE cone 2x 30° LED recessed downlight fixed	35	1640	1650-8000	94+	RAL 9003	140 x 182 mm	piece	2580-800-1
02	SCOPE cone 2x 30° LED recessed downlight fixed	40	3760	4000	90	RAL 9003	140 x 182 mm	piece	2580-800-3
03	SCOPE cone 2x 30° LED recessed downlight fixed	40	3550	3000	90	RAL 9003	140 x 182 mm	piece	2580-800-2
04	SCOPE cone 2x 45° LED recessed downlight fixed	35	1720	1650-8000	94+	RAL 9003	140 x 182 mm	piece	2580-801-1
05	SCOPE cone 2x 45° LED recessed downlight fixed	40	3940	4000	90	RAL 9003	140 x 182 mm	piece	2580-801-3
06	SCOPE cone 2x 45° LED recessed downlight fixed	40	3730	3000	90	RAL 9003	140 x 182 mm	piece	2580-801-2
07	SCOPE cone 2x 60° LED recessed downlight fixed	35	1800	1650-8000	94+	RAL 9003	140 x 182 mm	piece	2580-802-1
08	SCOPE cone 2x 60° LED recessed downlight fixed	40	4130	4000	90	RAL 9003	140 x 182 mm	piece	2580-802-3
09	SCOPE cone 2x 60° LED recessed downlight fixed	40	3900	3000	90	RAL 9003	140 x 182 mm	piece	2580-802-2
10	SCOPE cone 2x 30° LED recessed downlight turn + tilt	35	1640	1650-8000	94+	RAL 9003	140 x 196 mm	piece	2580-850-1
11	SCOPE cone 2x 30° LED recessed downlight turn + tilt	40	3760	4000	90	RAL 9003	140 x 182 mm	piece	2580-850-3
12	SCOPE cone 2x 30° LED recessed downlight turn + tilt	40	3550	3000	90	RAL 9003	140 x 182 mm	piece	2580-850-2

Operating units must be ordered separately. Other cooling devices and surface coatings on enquiry. Subject to technical modifications and error.



# SCOPE box Recessed downlight quadratic



## Description

Recessed LED downlight with ceiling passepartout for an individual ceiling design. Available with three different light distribution angles: 2x 30°, 2x 45° and 2x 60°. Each with three different light colours: 3000 K, 4000 K and CTM (multicolour + tunable white 1650-8000 K). The patented cooling device provides an optimum thermal management. Designed by Conceptlicht.

## Design

+ Housing : Aluminium coated RAL 9003

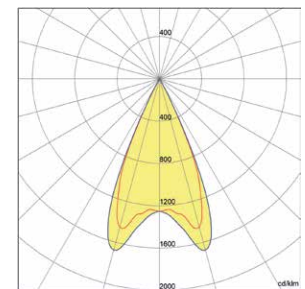
## Technical data

- + Syst. performance : 40 W at 3000 / 4000 K | 35 W at multicolour + tunable white
- + Dimming : Bluetooth interface with app control at CTM; Dali / DMX / 1-10V
- + Dimensions : □ 140 mm, H= 146 | 161 | 172 | 187 mm
- + Recess : ø 125 mm, H= 160-200 mm (depending on luminaire type)
- + Operating unit : external installation with plug-in connector
- + Protection class : IP 20

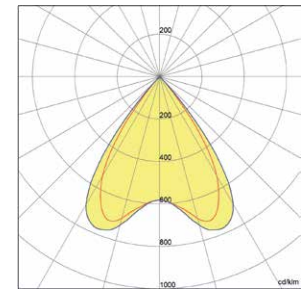
## Light distribution

— C 0 - C 180 — C 90 - C 270

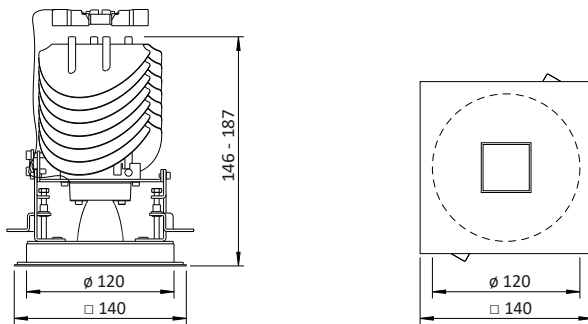
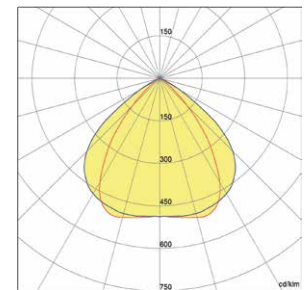
### SCOPE 2x 30°



### SCOPE 2x 45°



### SCOPE 2x 60°



Article	Description	Watt	Lumen	Kelvin	CRI	Surface	Dimensions □ x h	Unit	Art.No.	
01	SCOPE box 2x 30°	LED Recessed downlight	35	1640	1650-8000	94+	RAL 9003	140 x 187 mm	piece	2580-900-1
02	SCOPE box 2x 30°	LED Recessed downlight	40	3760	4000	90	RAL 9003	140 x 172 mm	piece	2580-900-3
03	SCOPE box 2x 30°	LED Recessed downlight	40	3550	3000	90	RAL 9003	140 x 172 mm	piece	2580-900-2
04	SCOPE box 2x 45°	LED Recessed downlight	35	1720	1650-8000	94+	RAL 9003	140 x 161 mm	piece	2580-901-1
05	SCOPE box 2x 45°	LED Recessed downlight	40	3940	4000	90	RAL 9003	140 x 146 mm	piece	2580-901-3
06	SCOPE box 2x 45°	LED Recessed downlight	40	3730	3000	90	RAL 9003	140 x 146 mm	piece	2580-901-2
07	SCOPE box 2x 60°	LED Recessed downlight	35	1800	1650-8000	94+	RAL 9003	140 x 161 mm	piece	2580-902-1
08	SCOPE box 2x 60°	LED Recessed downlight	40	4130	4000	90	RAL 9003	140 x 146 mm	piece	2580-902-3
09	SCOPE box 2x 60°	LED Recessed downlight	40	3900	3000	90	RAL 9003	140 x 146 mm	piece	2580-902-2

Operating units must be ordered separately. Other cooling devices and surface coatings on enquiry. Subject to technical modifications and error.



# Q-box .9 Recessed downlight



## Description

Quadratic downlight for recessed mounting, with 9 LEDs and boxy reflectors. Available with three different light distributions: 2x 30°, 2x 45° und 2x 60°. Standardly equipped with tunable white LEDs 2700K - 5700 K, appropriate for circadiane light control systems.

## Design

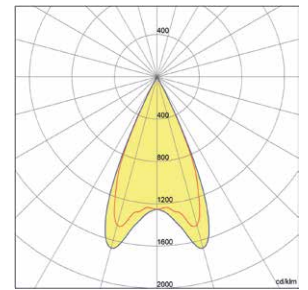
- + Housing : Aluminium coated RAL 9003
- + Mounting : recessed mounting with spring clamps

## Technical data

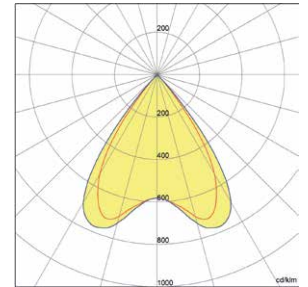
- + Syst. performance : 2x 26W (2-channel)
- + Dimming : DALI DT 6
- + Dimensions : □ 200 mm, H= 70 mm
- + Recess : □ 185 mm, H= 100 mm
- + Operating unit : external
- + Protection class : IP 44

## Light distribution

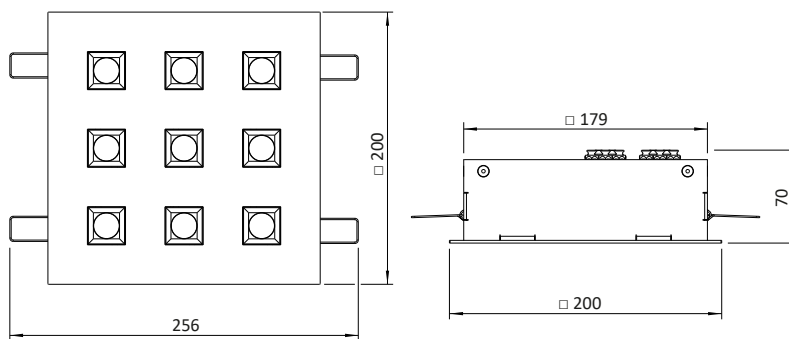
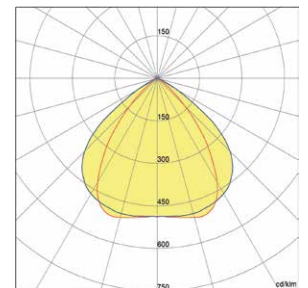
Q-box .9  
2x 30°



Q-box .9  
2x 45°



Q-box .9  
2x 60°



Article	Description	Watt	Lumen	Kelvin	CRI	Surface	Dimensions l x w x h	Unit	Art.Nr.
01	Q-box .9 2x 30° Recessed LED downlight	2x 39	3460*	2700-5700	90+	RAL 9003	200 x 200 x 70 mm	piece	3908-001-1
02	Q-box .9 2x 45° Recessed LED downlight	2x 39	3630*	2700-5700	90+	RAL 9003	200 x 200 x 70 mm	piece	3908-002-1
03	Q-box .9 2x 60° Recessed LED downlight	2x 39	3800*	2700-5700	90+	RAL 9003	200 x 200 x 70 mm	piece	3908-003-1

Other dimensions and surfaces on enquiry. Operating units must be ordered separately. Subject to technical amendments and error.  
\* when set to 4000 K. The maximum system performance of tunable white luminaires must not be exceeded!



# LYCA Recessed downlight | superspot



## Description

Recessed LED downlight with OHY hybrid optics consisting of lense and reflector.  
 LYCA w with LED in 3000 K or 4000 K, each with a light emission angle of 2x 4,7° or 13,3°,  
 or as a LYCA w superspot with 2x 3° light emission angle.  
 LYCA tw with tunable white LED 2700-5700 K, with 2x 6,8° light emission angle.  
 Design: Markus Bischof

## Design

- + Housing : Aluminium coated in RAL 9003
- + Mounting : recessed mounting with spring clamps

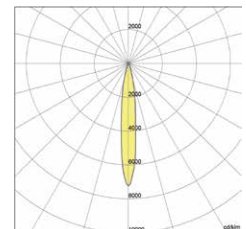
## Technical data

- + Syst. performance : 9 W | 3 W (superspot)
- + Dimming : LYCA w: Dali | LYCA tw: Dali Type 8
- + Dimensions :  $\varnothing$  95 mm, H= 86 mm
- + Recess :  $\varnothing$  80 mm, H= 100 mm
- + Operating unit : external installation with plug connectors
- + Protection class : IP 20

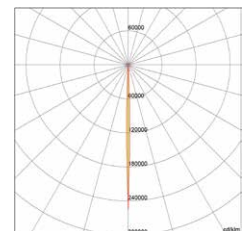
## Light distribution

— C 0 - C 180 — C 90 - C 270

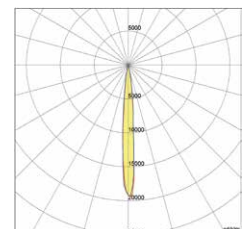
LYCA tw 2x 6,8°



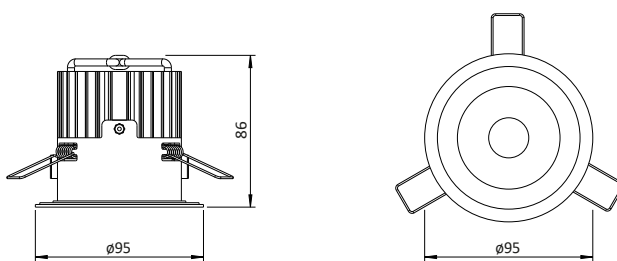
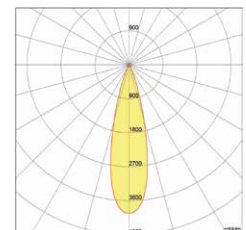
LYCA w 2x 3°



LYCA w 2x 4,7°



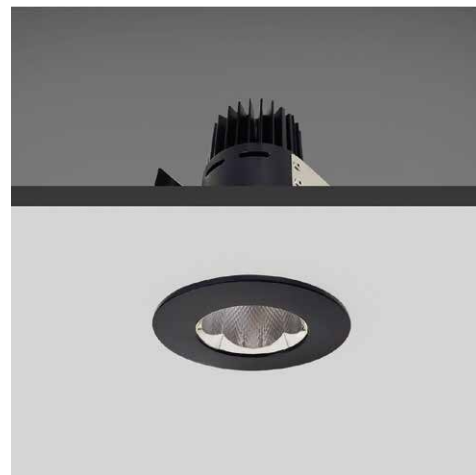
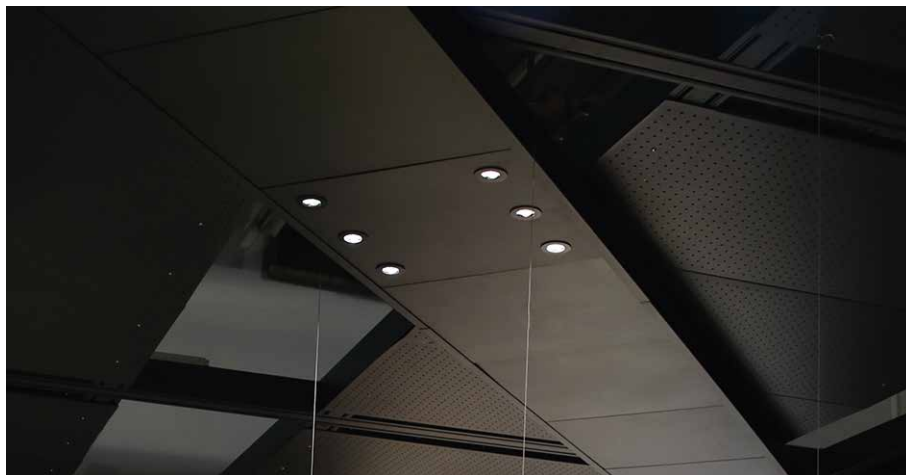
LYCA w 2x 13,3°



Article	Description	Watt	Lumen	Kelvin	CRI	Surface	Dimensions $\varnothing$ x h	Unit	Art.No.
01	LYCA tw 2x 6,8° Recessed LED downlight	2x 4,5	815*	2700-5700	90+	RAL 9003	95 x 86 mm	piece	2694-1100
02	LYCA w 2x 3° Recessed LED superspot	3	220	4000	90+	RAL 9003	95 x 86 mm	piece	2694-050
03	LYCA w 2x 4,7° Recessed LED downlight	9	805	4000	80+	RAL 9003	95 x 86 mm	piece	2694-020
04	LYCA w 2x 4,7° Recessed LED downlight	9	655	3000	90+	RAL 9003	95 x 86 mm	piece	2694-001
05	LYCA w 2x 13,3° Recessed LED downlight	9	790	4000	80+	RAL 9003	95 x 86 mm	piece	2694-600
06	LYCA w 2x 13,3° Recessed LED downlight	9	660	3000	90+	RAL 9003	95 x 86 mm	piece	2694-400

Other variants on enquiry. Operating units must be ordered separately. Subject to technical amendments and error.  
 \* when set to 4000 K. The maximum system performance of tunable white luminaires must not be exceeded!





## Description

Recessed LED luminaire with RMJ reflector in a minimised housing, downlights are available with three different beam angles or asymmetrical downwall light. Feasible with the light colours 3000 K, 4000 K or tunable white 2700-5700 K.

### Design

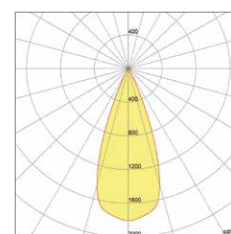
- + Housing : Aluminium
- + Surface : coated, standard colour RAL 7021 black grey
- + Mounting : Recessed mounting with flat springs

### Technical Data

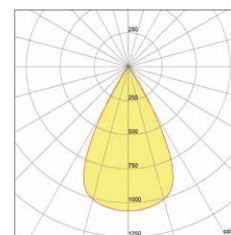
- + Light colour : 3000 K | 4000 K | 2700-5700 K
- + Syst. performance : 8,5 W | 9 W
- + Dimming : optionally DALI | DMX | 1-10V
- + Operating device : external
- + Dimensions :  $\phi = 90$  mm, H= 114 | 100 | 91 | 77 mm
- + Recess :  $\phi = 70$  mm, H= 120 | 110 | 100 | 160 mm (2700-5700 K)
- + Protection : IP 20

## Light distribution

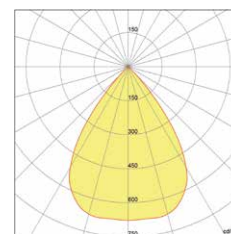
**EY! mix 2x 25°**



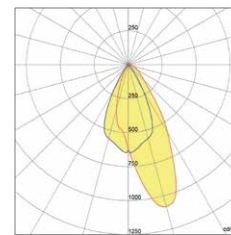
**EY! mix 2x 35°**



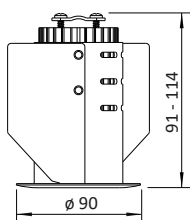
**EY! mix 2x 45°**



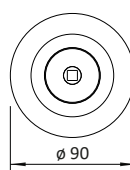
**EY! mix asymm.**



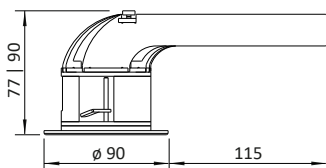
**EY! mix 3000 K | 4000 K**



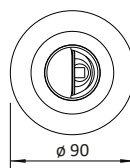
**EY! mix symmetrical**



**EY! mix 2700-5700 K**



**EY! mix asymmetrical**

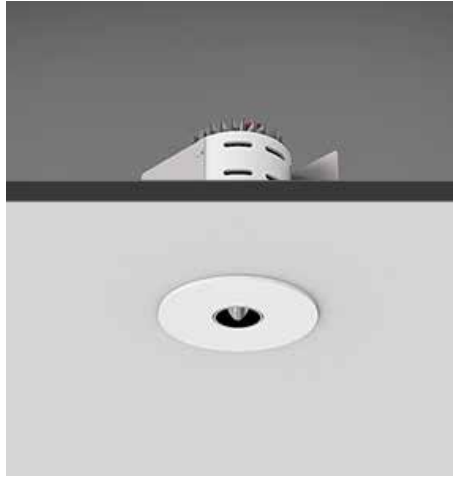


Article	Description	Watt	Lumen	Kelvin	CRI	Surface	Dimensions $\phi \times h$	Unit	Art.No.
01	EY! mix DL 2x 25° Recessed LED downlight	8,5	1300*	2700-5700	90+	RAL 7021	90 x 91 mm	piece	3447-1000
02	EY! mix DL 2x 25° Recessed LED downlight	9	1010	4000	80+	RAL 7021	90 x 114 mm	piece	3447-200-2
03	EY! mix DL 2x 25° Recessed LED downlight	9	830	3000	90+	RAL 7021	90 x 114 mm	piece	3447-200-1
04	EY! mix DL 2x 35° Recessed LED downlight	9	1130	4000	80+	RAL 7021	90 x 100 mm	piece	3447-300-2
05	EY! mix DL 2x 35° Recessed LED downlight	9	930	3000	90+	RAL 7021	90 x 100 mm	piece	3447-300-1
06	EY! mix DL 2x 45° Recessed LED downlight	9	1165	4000	80+	RAL 7021	90 x 91 mm	piece	3447-400-2
07	EY! mix DL 2x 45° Recessed LED downlight	9	960	3000	90+	RAL 7021	90 x 91 mm	piece	3447-400-1
08	EY! mix DW asymm. Recessed LED downwall light	8,5	1390*	2700-5700	90+	RAL 7021	90 x 77 mm	piece	3447-1020
09	EY! mix DW asymm. Recessed LED downwall light	9	1050	4000	80+	RAL 7021	90 x 100 mm	piece	3447-500-2
10	EY! mix DW asymm. Recessed LED downwall light	9	860	3000	90+	RAL 7021	90 x 100 mm	piece	3447-500-1

Further types and surfaces on enquiry. Operating units must be ordered separately. Subject to technical amendments and error.  
\* when set to 4000 K. The maximum system performance of tunable white luminaires must not be exceeded!







## Description

Recessed LED downlight in a minimised housing, with small reflector, light distribution 2x 30° or 2x 45°, available with the light colours 3000 K and 4000 K.

### Design

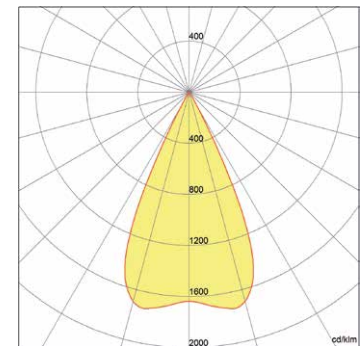
- + Housing : Aluminium
- + Surface : coated in RAL 9003
- + Mounting : Recessed mounting with flat springs

### Technical Data

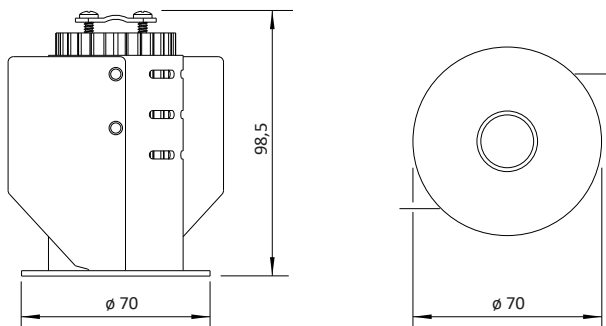
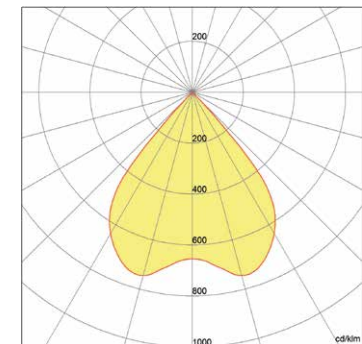
- + Light colour : 3000 K | 4000 K
- + Syst. performance : 9 W
- + Dimming : DALI | 1-10V
- + Operating device : external
- + Dimensions :  $\phi=70$  mm, H= 98,5 mm
- + Recess :  $\phi=52$  mm, H= 100 mm
- + Protection : IP 20

## Light distribution

### EY! dot 2x30°



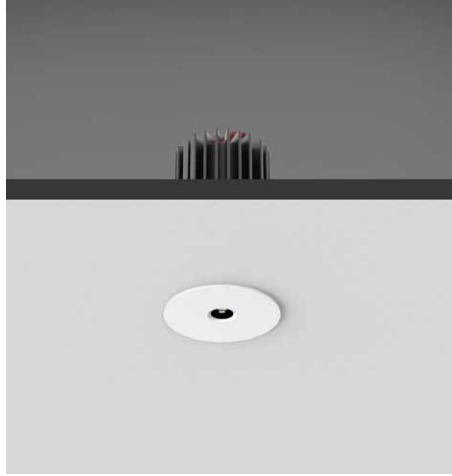
### EY! dot 2x45°



Article	Description	Watt	Lumen	Kelvin	CRI	Surface	Dimensions $\phi \times h$	Unit	Art.No.
01 EY! dot 2x30°	Recessed LED downlight	9	870	4000	80+	RAL 9003	70 x 98,5 mm	Stück	2580-1200-2
02 EY! dot 2x30°	Recessed LED downlight	9	790	3000	90+	RAL 9003	70 x 98,5 mm	Stück	2580-1200-1
03 EY! dot 2x45°	Recessed LED downlight	9	1000	4000	80+	RAL 9003	70 x 98,5 mm	Stück	2580-1250-2
04 EY! dot 2x45°	Recessed LED downlight	9	830	3000	90+	RAL 9003	70 x 98,5 mm	Stück	2580-1250-1

Further types and surfaces on enquiry. Operating units must be ordered separately. Subject to technical amendments and error.





### Description

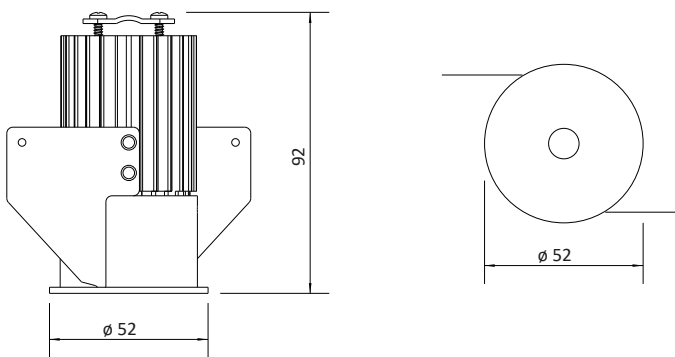
Recessed LED downlight in minimised housing, equipped with one LFO focal lens, available with the light distribution angles 2x 20° or 2x 38°. LED and lens are hidden behind a pinhole aperture for unobtrusive and glare-free appearance. The tunable white types are also suitable for circadian light control. Also available in the version PYCA dot .s for expanded metal ceilings.

### Design

- + Housing : Aluminium
- + Surface : coated in RAL 9003
- + Mounting : Recessed mounting with flat springs

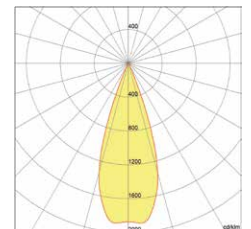
### Technical Data

- + Light colour : 3000 K | 4000 K | 2700-5700 K
- + Syst. performance : 9 W | 2x 3 W
- + Dimming : DALI | 1-10V
- + Operating device : external
- + Dimensions :  $\phi = 52$  mm, H= 92 mm
- + Recess :  $\phi = 48$  mm, H= 95 mm
- + Protection : IP 20

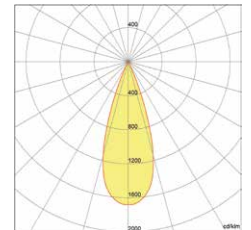


### Light distribution

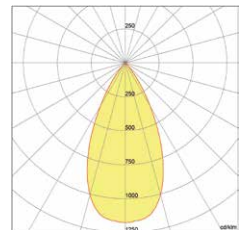
**PYCA dot 2x 20°  
2x 3 W**



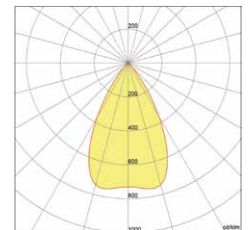
**PYCA dot 2x 20°  
9 W**



**PYCA dot 2x 38°  
2x 3 W**



**PYCA dot 2x 38°  
9 W**



Article	Description	Watt	Lumen	Kelvin	CRI	Surface	Dimensions $\phi \times h$	Unit	Art.No.
01	PYCA dot 2x 20° Singlepoint LED downlight	2x 3	250*	2700-5700	90+	RAL 9003	52 x 92 mm	piece	3072-250-3
02	PYCA dot 2x 20° Singlepoint LED downlight	9	450	4000	80+	RAL 9003	52 x 92 mm	piece	3072-250-2
03	PYCA dot 2x 20° Singlepoint LED downlight	9	360	3000	80+	RAL 9003	52 x 92 mm	piece	3072-250-1
04	PYCA dot 2x 38° Singlepoint LED downlight	2x 3	310*	2700-5700	90+	RAL 9003	52 x 92 mm	piece	3072-150-3
05	PYCA dot 2x 38° Singlepoint LED downlight	9	690	4000	80+	RAL 9003	52 x 92 mm	piece	3072-150-2
06	PYCA dot 2x 38° Singlepoint LED downlight	9	560	3000	80+	RAL 9003	52 x 92 mm	piece	3072-150-1

Further types and surfaces on enquiry. Operating units must be ordered separately. Subject to technical amendments and error.  
\* when set to 4000 K. The maximum system performance of tunable white luminaires must not be exceeded!



# PYCA .L Recessed linear downlight



## Description

Recessed linear LED downlight with 3 LFO focal lenses, light distribution angle 2x 20° or 2x 38°. LED and lense are hidden behind a pinhole aperture for unobtrusive and glare-free appearance. The tunable white type is also suitable for circadiane light control. Optionally available with additional glass coverplate for wet environments.

## Design

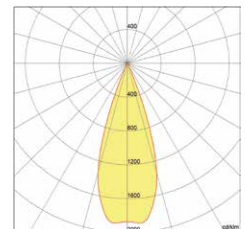
- + Housing : Aluminium lackiert RAL 9003, andere Farben auf Anfrage
- + Cover : optional ESG lackiert auf Anfrage; Farbe nach Vorgabe
- + Mounting : mit Federklammern

## Technical Data

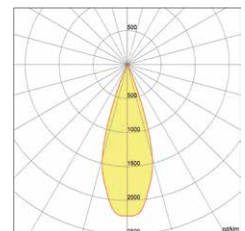
- + Light colour : 3000 K | 4000 K | 2700-5700 K
- + Syst. performance : 10 W | 2x 6 W
- + Dimming : Dali | 1-10 V auf Anfrage
- + Operating device : extern
- + Dimensions : L= 185 mm, W= 45 mm, H= 49 mm
- + Recess : L= 170 mm, W= 35 mm, H= 60 mm
- + Protection : IP 20

## Light distribution — C 0 - C 180 — C 90 - C 270

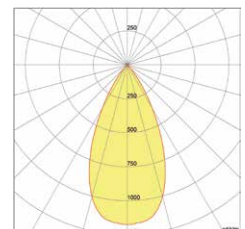
**PYCA .L 2x 20°  
2x 6 W**



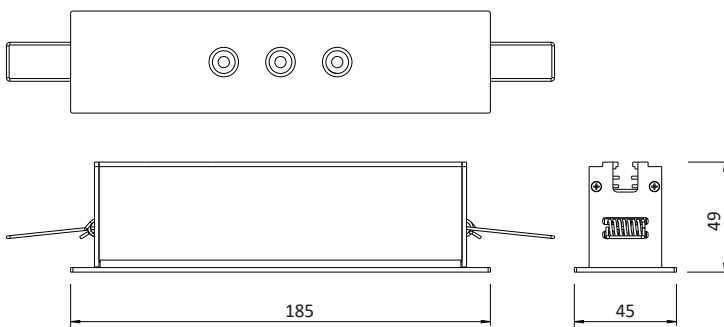
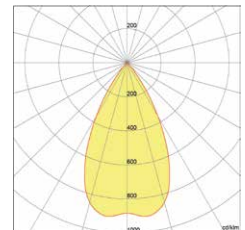
**PYCA .L 2x 20°  
10 W**



**PYCA .L 2x 38°  
2x 6 W**



**PYCA .L 2x 38°  
10 W**



Article	Description	Watt	Lumen	Kelvin	CRI	Surface	Dimensions ø x h	Unit	Art.No.
01	PYCA .L 2x 20° Recessed LED downlight 3 LFO	2x 6	610*	2700-5700	90+	RAL 9003	185 x 45 x 49 mm	piece	3033-710-2
03	PYCA .L 2x 20° Recessed LED downlight 3 LFO	10	920	4000	80+	RAL 9003	185 x 45 x 49 mm	piece	3033-710-1
02	PYCA .L 2x 20° Recessed LED downlight 3 LFO	10	690	3000	90+	RAL 9003	185 x 45 x 49 mm	piece	3033-710-3
04	PYCA .L 2x 38° Recessed LED downlight 3 LFO	2x 6	800*	2700-5700	90+	RAL 9003	185 x 45 x 49 mm	piece	3033-700-2
06	PYCA .L 2x 38° Recessed LED downlight 3 LFO	10	1030	4000	80+	RAL 9003	185 x 45 x 49 mm	piece	3033-700-1
05	PYCA .L 2x 38° Recessed LED downlight 3 LFO	10	770	3000	90+	RAL 9003	185 x 45 x 49 mm	piece	3033-700-3

Other dimensions, accessories and surfaces on enquiry. Operating units must be ordered separately. Subject to technical amendments and error.  
\* when set to 4000 K. The maximum system performance of tunable white luminaires must not be exceeded!



# PYCA .e Recessed downlight



## Description

Recessed rectangular LED downlight with LFO focal lenses, light distribution angle 2x 20° or 2x 38°. LEDs and lenses are hidden behind a pinhole aperture for unobtrusive and glare-free appearance. The tunable white type is also suitable for circadian light control. Optionally available with additional glass coverplate for wet environments.

## Design

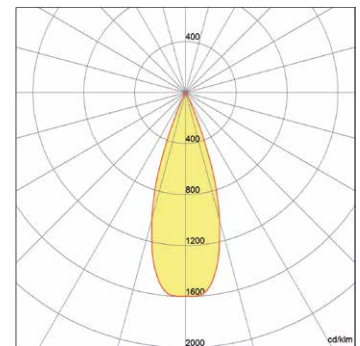
- + Housing : Aluminium coated in RAL 9003, other colours on enquiry
- + Cover : optional safety glass coated on enquiry; colour as requested
- + Mounting : with spring clamps

## Technical Data

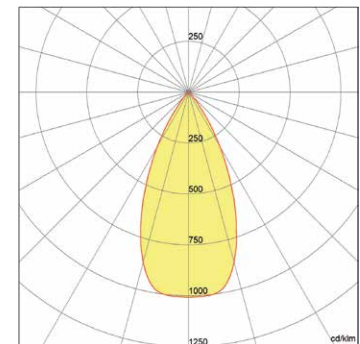
- + Light colour : 3000 K | 4000 K | 2700-5700 K
- + Syst. performance : 2x 8 W | 2x 16 W | 2x 6 W and 2x 12 W on enquiry
- + Dimming : Dali | 1-10V
- + Operating device : external
- + Dimensions : L= 330 mm, W= 170 mm, H= 61 mm
- + Recess : L= 310 mm, W= 150 mm, H= 70 mm
- + Protection : IP 20; with glass cover IP 54 (bottom)

## Light distribution

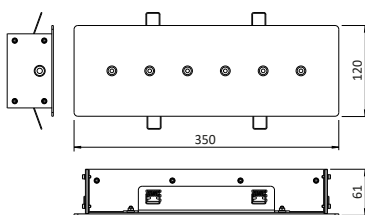
### PYCA .e 2x 20°



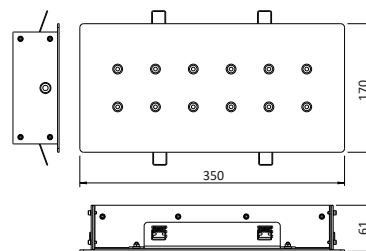
### PYCA .e 2x 38°



### PYCA 6.e



### PYCA 12.e

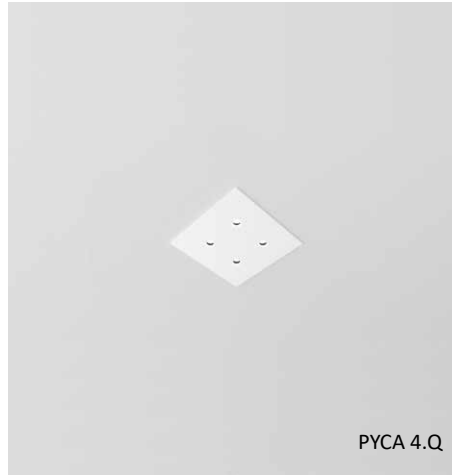


Article	Description	Watt	Lumen	Kelvin	CRI	Surface	Dimensions LxWxH	Unit	Art.No.
01	PYCA 6.e 2x 20° Recessed LED downlight	2x 8	960*	2700-5700	90+	RAL 9003	350 x 120 x 61 mm	piece	3017-250-1
02	PYCA 6.e 2x 20° Recessed LED downlight	2x 8	990	4000	90+	RAL 9003	350 x 120 x 61 mm	piece	3017-250-2
03	PYCA 6.e 2x 20° Recessed LED downlight	2x 8	930	3000	90+	RAL 9003	350 x 120 x 61 mm	piece	3017-250-3
04	PYCA 6.e 2x 38° Recessed LED downlight	2x 8	1280*	2700-5700	90+	RAL 9003	350 x 120 x 61 mm	piece	3017-200-1
05	PYCA 6.e 2x 38° Recessed LED downlight	2x 8	1320	4000	90+	RAL 9003	350 x 120 x 61 mm	piece	3017-200-2
06	PYCA 6.e 2x 38° Recessed LED downlight	2x 8	1250	3000	90+	RAL 9003	350 x 120 x 61 mm	piece	3017-200-3
07	PYCA 12.e 2x 20° Recessed LED downlight	2x 16	1920*	2700-5700	90+	RAL 9003	350 x 120 x 61 mm	piece	3017-069-1
08	PYCA 12.e 2x 20° Recessed LED downlight	2x 16	1980	4000	90+	RAL 9003	350 x 120 x 61 mm	piece	3017-069-2
09	PYCA 12.e 2x 20° Recessed LED downlight	2x 16	1870	3000	90+	RAL 9003	350 x 120 x 61 mm	piece	3017-069-3
10	PYCA 12.e 2x 38° Recessed LED downlight	2x 16	2570*	2700-5700	90+	RAL 9003	350 x 120 x 61 mm	piece	3017-060-1
11	PYCA 12.e 2x 38° Recessed LED downlight	2x 16	2640	4000	90+	RAL 9003	350 x 120 x 61 mm	piece	3017-060-2
12	PYCA 12.e 2x 38° Recessed LED downlight	2x 16	2500	3000	90+	RAL 9003	350 x 120 x 61 mm	piece	3017-060-3

Other system performances, accessories and surfaces on enquiry. Operating units must be ordered separately. Subject to technical amendments and error.  
 \* when set to 4000 K. The maximum system performance of tunable white luminaires must not be exceeded!



# PYCA .Q Recessed downlight trimless



## Description

Recessed quadratic LED downlight with LFO focal lenses, light distribution angle 2x 20° or 2x 38°. LEDs and lenses are hidden behind a pinhole aperture for unobtrusive and glare-free appearance. Light colours: 3000 K, 4000 K, or tunable white 2700-5700 K (suitable for circadian light control). Optional plastering frame for flush mounting into suspended ceilings, as well as glass cover (IP 54).

## Design

- + Housing/frame : Aluminium coated in RAL 9010, other colours on enquiry
- + Cover : optional safety glass on enquiry; coating colour on request
- + Mounting : either with spring clamps or flush mounted with plastering frame (EPR)

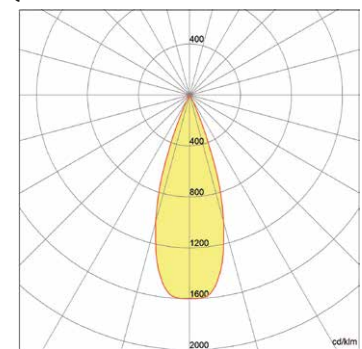
## Technical Data

	PYCA 4.Q	PYCA 16.Q
+ Light colour	: 3000 K   4000 K   2700-5700 K	: 3000 K   4000 K   2700-5700 K
+ Syst. performance	: 12 W	: 44 W
+ Dimming	: Dali   1-10V	: Dali   1-10V
+ Operating device	: external	: external
+ Dimensions	: L= 125 mm, W= 125 mm, H= 59 mm	: L= 225 mm, W= 225 mm, H= 59 mm
+ Recess without EPR	: L= 115 mm, W= 115 mm, H= 65 mm	: L= 215 mm, W= 215 mm, H= 65 mm
+ Protection	: IP 20; with cover pane IP 54 (bottom)	: IP 20; with cover pane IP 54 (bottom)

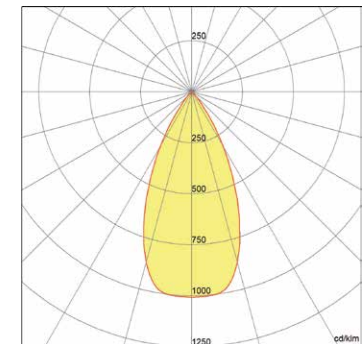
## Light distribution

— C 0 - C 180 — C 90 - C 270

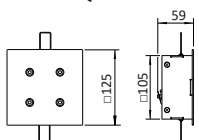
### PYCA .Q 2x 20°



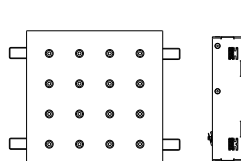
### PYCA .Q 2x 38°



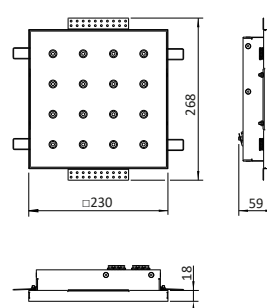
### PYCA 4.Q without EPR



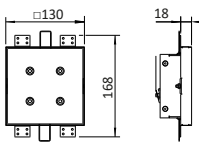
### PYCA 16.Q without EPR



### PYCA 16.Q incl. EPR



### PYCA 4.Q incl. EPR

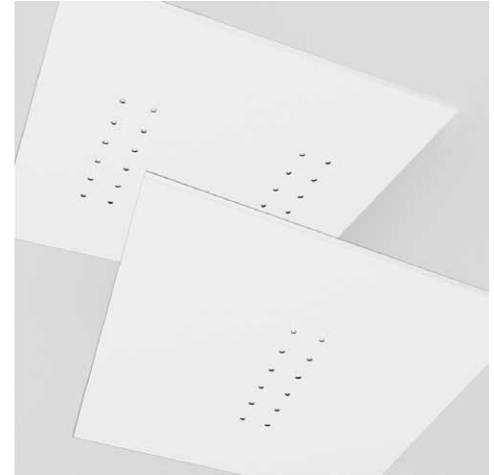


Article	Description	Watt	Lumen	Kelvin	CRI	Surface	Dimensions LxWxH	Unit	Art.No.	
01	PYCA 4.Q 2x 20°	Recessed quadr. downlight	2x 6	640*	2700-5700	90+	RAL 9010	125 x 125 x 59 mm	piece	3699-250-1
02	PYCA 4.Q 2x 20°	Recessed quadr. downlight	2x 6	660	4000	90+	RAL 9010	125 x 125 x 59 mm	piece	3699-250-2
03	PYCA 4.Q 2x 20°	Recessed quadr. downlight	2x 6	620	3000	90+	RAL 9010	125 x 125 x 59 mm	piece	3699-250-3
04	PYCA 4.Q 2x 38°	Recessed quadr. downlight	2x 6	850*	2700-5700	90+	RAL 9010	125 x 125 x 59 mm	piece	3699-200
05	PYCA 4.Q 2x 38°	Recessed quadr. downlight	2x 6	880	4000	90+	RAL 9010	125 x 125 x 59 mm	piece	3699-200-2
06	PYCA 4.Q 2x 38°	Recessed quadr. downlight	2x 6	830	3000	90+	RAL 9010	125 x 125 x 59 mm	piece	3699-200-3
07	PYCA 16.Q 2x 20°	Recessed quadr. downlight	2x 22	2570*	2700-5700	90+	RAL 9010	225 x 225 x 59 mm	piece	3699-050-1
08	PYCA 16.Q 2x 20°	Recessed quadr. downlight	2x 22	2640	4000	90+	RAL 9010	225 x 225 x 59 mm	piece	3699-050-2
09	PYCA 16.Q 2x 20°	Recessed quadr. downlight	2x 22	2500	3000	90+	RAL 9010	225 x 225 x 59 mm	piece	3699-050-3
10	PYCA 16.Q 2x 38°	Recessed quadr. downlight	2x 22	3420*	2700-5700	90+	RAL 9010	225 x 225 x 59 mm	piece	3699-001
11	PYCA 16.Q 2x 38°	Recessed quadr. downlight	2x 22	3520	4000	90+	RAL 9010	125 x 125 x 59 mm	piece	3699-001-2
12	PYCA 16.Q 2x 38°	Recessed quadr. downlight	2x 22	3320	3000	90+	RAL 9010	225 x 225 x 59 mm	piece	3699-001-3

Other types, surfaces and accessories on enquiry. Operating units must be ordered separately. Subject to technical amendments and error.  
\* when set to 4000 K. The maximum system performance of tunable white luminaires must not be exceeded!



# PYCA .p Grid panel downlight



## Description

LED downlight panel for grid ceilings, with LFO focal lenses, with light distribution angle 2x 20° or 2x 38°. LEDs and lenses are hidden behind pinhole apertures for an unobtrusive and glare-free look. Available in the light colour 4000 K or in tunable white (suitable for circadian light control). Optionally available with additional glass coverplate for wet environments.

## Design

- + Housing : Aluminium coated in RAL 9003, other colours on enquiry
- + Cover : optional safety glass, coated on request

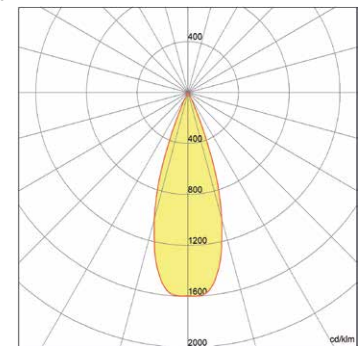
## Technical Data

- + Light colour : 4000 K | 2700-5700 K
- + Syst. performance : 2x 12 W - 2x 33 W
- + Dimming : Dali | 1-10V
- + Operating device : external
- + Dimensions : □ 618 mm, H= 60 mm, suitable for ceilings with grid 625 mm
- + Protection : IP 20 | with glass pane IP 65 (bottom)

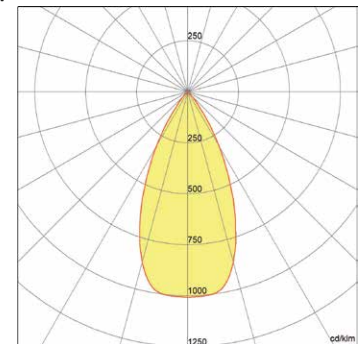
## Light distribution

— C 0 - C 180 — C 90 - C 270

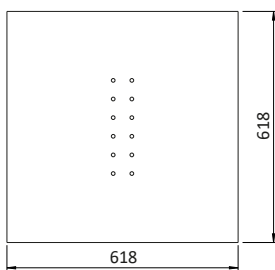
### PYCA .p 2x 20°



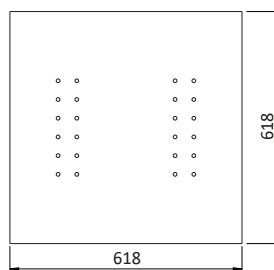
### PYCA .p 2x 38°



### PYCA 1.p



### PYCA 2.p



Article	Description	Watt	Lumen	Kelvin	CRI	Surface	Dimensions LxWxH	Unit	Art.No.
01	PYCA 1.p 2x 38° LED grid panel downlight	2x 12	2000*	2700-5700	90+	RAL 9010	618 x 618 x 60 mm	piece	3017-020-1
02	PYCA 1.p 2x 38° LED grid panel downlight	2x 12	2050	4000	90+	RAL 9010	618 x 618 x 60 mm	piece	3017-020-3
03	PYCA 1.p 2x 38° LED grid panel downlight	2x 16	2570*	2700-5700	90+	RAL 9010	618 x 618 x 60 mm	piece	3017-020-2
04	PYCA 1.p 2x 38° LED grid panel downlight	2x 16	2640	4000	90+	RAL 9010	618 x 618 x 60 mm	piece	3017-020-4
05	PYCA 2.p 2x 38° LED grid panel downlight	2x 23	4000*	2700-5700	90+	RAL 9010	618 x 618 x 60 mm	piece	3017-030-1
06	PYCA 2.p 2x 38° LED grid panel downlight	2x 23	4100	4000	90+	RAL 9010	618 x 618 x 60 mm	piece	3017-030-3
07	PYCA 2.p 2x 38° LED grid panel downlight	2x 33	5140*	2700-5700	90+	RAL 9010	618 x 618 x 60 mm	piece	3017-030-2
08	PYCA 2.p 2x 38° LED grid panel downlight	2x 33	5280	4000	90+	RAL 9010	618 x 618 x 60 mm	piece	3017-030-4

Other dimensions, LED layouts, light distribution angles and surfaces on enquiry. Operating units must be ordered separately. Subject to technical amendments and error.  
\* when set to 4000 K. The maximum system performance of tunable white luminaires must not be exceeded!



# MINI pyca Linear downlight



## Description

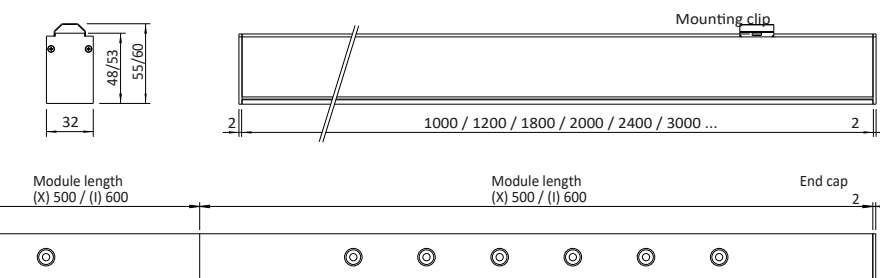
Linear LED downlight in edgy rectangular profile, with LFO focal lenses, light distribution angle 2x 38°; 2x 20° available on enquiry. LEDs and lenses are hidden behind pinhole apertures for glare-free and unobtrusive appearance. The tunable white type is also suitable for circadian light control. Feasible as a continuous line or as single luminaires, either suspended or surface mounted. The different light inserts of the MINI system are combinable as needed, also in one luminaire.

## Design

- + Housing : extruded aluminium profile
- + Surface : clear anodized
- + Cover : Aluminium profile
- + Mounting : Mounting clips or rope suspensions

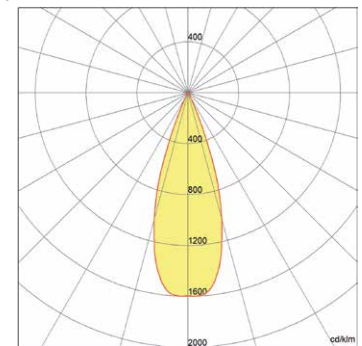
## Technical Data

- + Light colour : 4000 K | 2700-5700 K
- + Syst. performance : 12 W per module
- + Dimming : DALI | 1-10 V
- + Operating device : external (X) or internal (I)
- + Dimensions : W= 32 mm, H= 48 mm (X) | 53 mm (I)
- + Module length : 500 mm with external (X), 600 mm with internal (I) operating device
- + Protection : IP 20

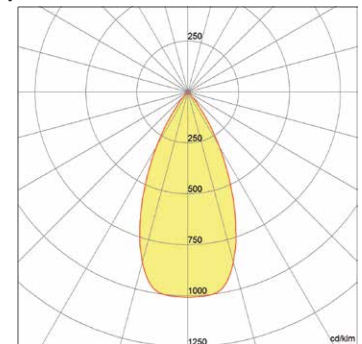


## Light distribution — C 0 - C 180 — C 90 - C 270

### MINI pyca 2x 20°



### MINI pyca 2x 38°



Article	Description	Watt	Lumen	Kelvin	CRI	Surface	Dimensions LxWxH	Modules	Unit	Art.No.	
<b>X - External operating device</b>											
01	MINI pyca X 2x 38°	Linear LED downlight	2x 24	4000*	2700-5700	90+	clear anodized	2004 x 32 x 48 mm	4	piece	3078-300
02	MINI pyca X 2x 38°	Linear LED downlight	2x 12	2050	4000	90+	clear anodized	1004 x 32 x 48 mm	2	piece	3078-361
03	MINI pyca X 2x 38°	Linear LED downlight	2x 24	4100	4000	90+	clear anodized	2004 x 32 x 48 mm	4	piece	3078-362
04	MINI pyca X 2x 38°	Linear LED downlight	2x 35	5820	4000	90+	clear anodized	3004 x 32 x 48 mm	6	piece	3078-363
<b>I - Internal operating device</b>											
05	MINI pyca I 2x 38°	Linear LED downlight	2x 12	2200	4000	90+	clear anodized	1204 x 32 x 53 mm	2	piece	3078-401
06	MINI pyca I 2x 38°	Linear LED downlight	2x 18	3300	4000	90+	clear anodized	1804 x 32 x 53 mm	3	piece	3078-402
07	MINI pyca I 2x 38°	Linear LED downlight	2x 24	4400	4000	90+	clear anodized	2404 x 32 x 53 mm	4	piece	3078-403
08	MINI pyca I 2x 38°	Linear LED downlight	2x 35	5500	4000	90+	clear anodized	3004 x 32 x 53 mm	5	piece	3078-404

Further types and accessories, other surfaces, light distribution angles, light colours and continuous fixtures on enquiry. Operating units must be ordered separately. \* when set to 4000 K. The maximum system performance of tunable white luminaires must not be exceeded! Subject to technical amendments and error.



# MINI linea Linear luminaires



## Description

Linear LED downlight in a edgy rectangular profile, with satinised or microprismatic diffuser. Feasible as a continuous line or as single luminaires, either suspended or surface mounted. The different light inserts of the MINI system are combinable as needed, also in one luminaire.

## Design

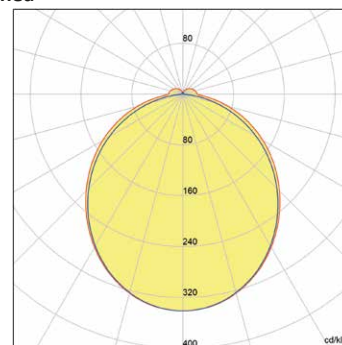
- + Housing : extruded aluminium profile
- + Surface : clear anodized
- + Cover : PMMA satinised or microprismatic
- + Mounting : mounting clips or rope suspensions

## Technical Data

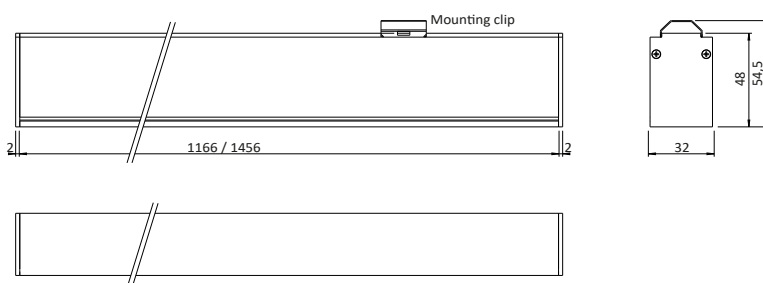
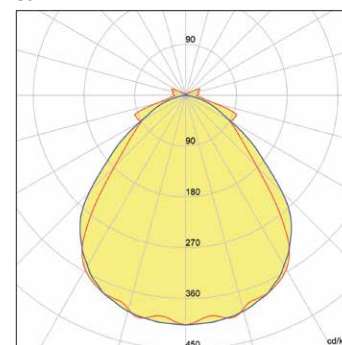
- + Light colour : 3000 K | 4000 K
- + Syst. performance : 9 Watt per LED set
- + Dimming : DALI | 1-10 V
- + Operating device : internal
- + Dimensions : W= 32 mm, H= 48 mm | cable inlet on top side (at 600 mm)
- + Protection : IP 20

## Light distribution

### MINI linea



### MINI linea .m



Article	Description	Watt	Lumen	Kelvin	CRI	Surface	Dimensions LxWxH	Modules	Unit	Art.No.
01	MINI linea Linear LED luminaire satinised	35	3940	3000	80+	clear anodized	1170 x 32 x 48 mm	4	piece	3078-210-2
02	MINI linea Linear LED luminaire satinised	35	4130	4000	80+	clear anodized	1170 x 32 x 48 mm	4	piece	3078-210-4
03	MINI linea Linear LED luminaire satinised	45	4920	3000	80+	clear anodized	1460 x 32 x 48 mm	5	piece	3078-220-2
04	MINI linea Linear LED luminaire satinised	45	5170	4000	80+	clear anodized	1460 x 32 x 48 mm	5	piece	3078-220-4
05	MINI linea .m Linear LED luminaire microprism	35	3800	3000	80+	clear anodized	1170 x 32 x 48 mm	4	piece	3078-210-5
06	MINI linea .m Linear LED luminaire microprism	35	4000	4000	80+	clear anodized	1170 x 32 x 48 mm	4	piece	3078-210-6
07	MINI linea .m Linear LED luminaire microprism	45	4760	3000	80+	clear anodized	1460 x 32 x 48 mm	5	piece	3078-220-5
08	MINI linea .m Linear LED luminaire microprism	45	5000	4000	80+	clear anodized	1460 x 32 x 48 mm	5	piece	3078-220-6

Further types and accessories, other surfaces and continuous fixtures on enquiry. Subject to technical amendments and error.





# MINI lado Wallwasher



## Description

LED Wallwasher with MDBW reflectors in a edgy rectangular profile with shield slit, for a uniform and glare-free wall illumination. Feasible as a continuous line or as single luminaires, either suspended or surface mounted. The different light inserts of the MINI system are combinable as needed, also in one luminaire.

## Design

- + Housing + cover : extruded aluminium profile, cable inlet on top side
- + Surface : clear anodized
- + Mounting : mounting clips or rope suspensions

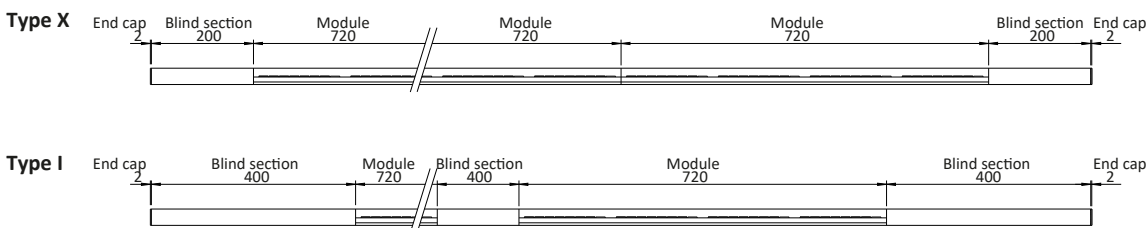
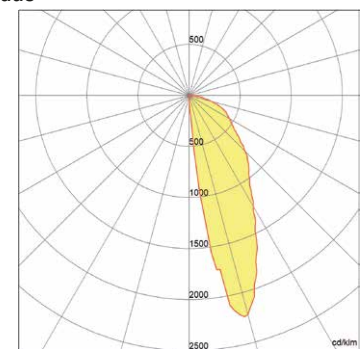
## Technical Data

- + Light colour : 3000 K or 4000 K
- + Syst. performance : 8,5 W per LED set
- + Dimming : DALI | 1-10 V
- + Operating device : external (X) or internal (I)
- + Dimensions : w= 32 mm, H= 64 mm, module length 720 mm (+ blind sections)
- + Distance to wall : D min.= 500 mm (illumination height 3 m)
- + Protection : IP 20

## Light distribution

— C 0 - C 180 — C 90 - C 270

### MINI lado



Article	Description	Watt	Lumen	Kelvin	CRI	Surface	Dimensions LxWxH	Modules	Unit	Art.No.
<b>X - External operating device</b>										
01	MINI lado X LED Wallwasher	1x 65	5380	4000	90+	clear anodized	1844 x 32 x 64 mm	8	piece	3078-503-1
02	MINI lado X LED Wallwasher	1x 65	5110	3000	90+	clear anodized	1844 x 32 x 64 mm	8	piece	3078-503-2
03	MINI lado X LED Wallwasher	2x 50	8070	4000	90+	clear anodized	2564 x 32 x 64 mm	12	piece	3078-502-1
04	MINI lado X LED Wallwasher	2x 50	7670	3000	90+	clear anodized	2564 x 32 x 64 mm	12	piece	3078-502-2
05	MINI lado X LED Wallwasher	2x 65	10770	4000	90+	clear anodized	3284 x 32 x 64 mm	16	piece	3078-501-1
06	MINI lado X LED Wallwasher	2x 65	10220	3000	90+	clear anodized	3284 x 32 x 64 mm	16	piece	3078-501-2
07	MINI lado X LED Wallwasher	2x 80	13460	4000	90+	clear anodized	4004 x 32 x 64 mm	20	piece	3078-500-1
08	MINI lado X LED Wallwasher	2x 80	12780	3000	90+	clear anodized	4004 x 32 x 64 mm	20	piece	3078-500-2
<b>I - Internal operating device</b>										
09	MINI lado I LED Wallwasher	1x 68	5380	4000	90+	clear anodized	2644 x 32 x 64 mm	8	piece	3078-512-1
10	MINI lado I LED Wallwasher	1x 68	5110	3000	90+	clear anodized	2644 x 32 x 64 mm	8	piece	3078-512-2
11	MINI lado I LED Wallwasher	2x 51	8070	4000	90+	clear anodized	3764 x 32 x 64 mm	12	piece	3078-511-1
12	MINI lado I LED Wallwasher	2x 51	7670	3000	90+	clear anodized	3764 x 32 x 64 mm	12	piece	3078-511-2
13	MINI lado I LED Wallwasher	2x 65	10770	4000	90+	clear anodized	4884 x 32 x 64 mm	16	piece	3078-510-1
14	MINI lado I LED Wallwasher	2x 65	10220	3000	90+	clear anodized	4884 x 32 x 64 mm	16	piece	3078-510-2

Further types and accessories, other surfaces and continuous fixtures on enquiry. External operating units must be ordered separately. Subject to technical amendments and error.





## Description

Linear LED luminaire in a softly curved aluminium profile with finely grinded and anodized surface, in two variants: LYSO line with satinised or microprismatic PMMA cover, light colour either 3000 K or 4000 K, and LYSO office with RDB-D reflectors 2x 35°, suitable for monitor workplaces, light colour 4000 K or tunable white. Both variants feasible as a continuous line or as single luminaires, either suspended or surface mounted. Matching wall luminaires: LYSO bar and LYSO cube. Designer: Markus Bischof

## Design

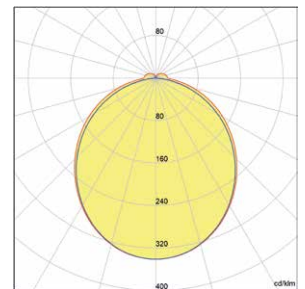
- + Housing : extruded aluminium profile
- + Surface : aluminium lengthwise finely grinded and black anodized
- + Cover : LYSO line: PMMA satinised | PMMA microprismatic
- + Mounting : Rope suspension; surface mounting on enquiry

## Technical Data

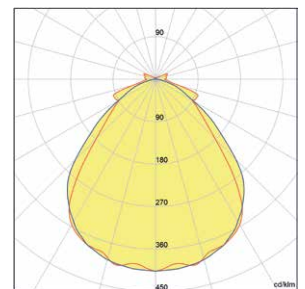
	LYSO line	LYSO office
+ Light colour	: 3000 K   4000 K	4000   2700-5700 K
+ Syst. performance	: 34 W	2x 17 W   28 W
+ Dimensions	: H= 60 mm, W= 40, L= 1210 mm	H= 64 mm, W= 55, L= 1210 mm
+ Dimming	: DALI, DMX, 1-10 V; others on enquiry	DALI, DMX; others on enquiry
+ Operating device	: external; in canopy on enquiry	external; in canopy on enquiry
+ Protection	: IP 20	IP 20

## Light distribution

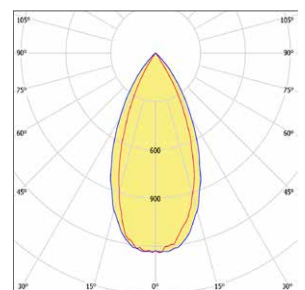
LYSO line satinised



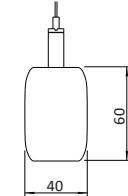
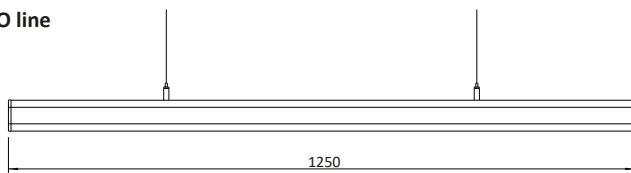
LYSO line microprism



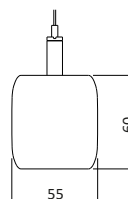
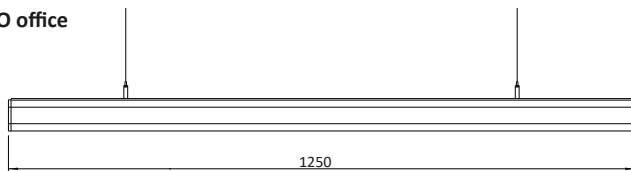
LYSO office RDB-D 2x 35°



LYSO line



LYSO office



Article	Description	Watt	Lumen	Kelvin	CRI	Surface	Dimensions LxWxH	Unit	Art.No.
01	LYSO line satinised	34	2970	3000	80+	black anodized	1250 x 40 x 60 mm	piece	2570-1300-1
02	LYSO line satinised	34	3300	4000	80+	black anodized	1250 x 40 x 60 mm	piece	2570-1300-2
03	LYSO line mpr	34	3200	3000	80+	black anodized	1250 x 40 x 60 mm	piece	2570-1350-1
04	LYSO line mpr	34	3520	4000	80+	black anodized	1250 x 40 x 60 mm	piece	2570-1350-2
06	LYSO office 2x 35°	28	3200*	2700-5700	90+	black anodized	1250 x 55 x 60 mm	piece	2570-960
05	LYSO office 2x 35°	28	3100	4000	90+	black anodized	1250 x 55 x 60 mm	piece	2570-950

Luminaires incl. canopy. Operating devices must be ordered separately. Other variants on enquiry. Subject to technical amendments and error.  
\* when set to 4000 K. The maximum system performance of tunable white luminaires must not be exceeded!





## Description

LED wallwasher in a softly curved aluminium profile with finely grinded and anodized surface, with RDB reflectors behind a glass cover. For a uniform and glare-free wall illumination. Available with LED modules in tunable white 2700-5700 K (module length 300 mm) or 4000 K (module length 450mm). Feasible luminaire lengths only in multiples of module lengths.

Designer: Markus Bischof

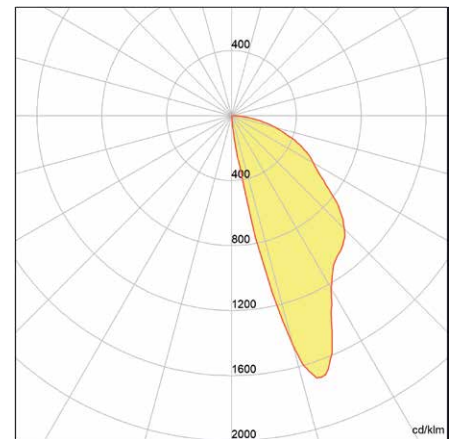
## Design

- + Housing : extruded aluminium profile
- + Surface : aluminium softly grinded and black anodized
- + Cover : PMMA
- + Mounting : surface mounting or cantilever mounting (e.g. to shelves)

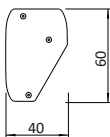
## Technical Data

- + Light colour : tunable white 2700-5700 K (2-Kanal) | 4000 K
- + Syst. performance : tunable white: 2x 4 W per module (300 mm)  
white 4000 K: 13 W per module (450 mm)
- + Dimming : DALI | DMX | further on enquiry
- + Operating device : external
- + Dimensions : W= 40 mm, H= 60 mm, lengths in multiples of modules
- + Module lengths : 4000 K: 450 mm | 2700-5700 K: 300 mm
- + Distance to wall : D min.= 500 mm (illuminated height 3 m)
- + Protection : IP 20

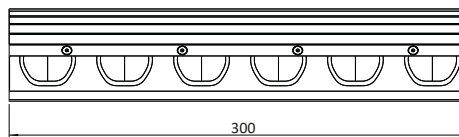
## Light distribution



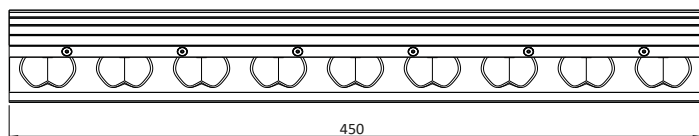
Side view



1 module length  
2700-5700 K



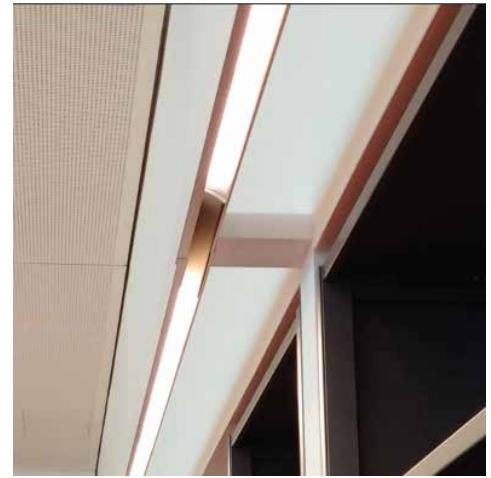
1 module length  
4000 K



Article	Description	Watt	Lumen	Kelvin	CRI	Surface	Dimensions LxWxH	Unit	Art.No.
01	LYSO slope	2x 4	800*	2700-5700	90+	black anodized	300 x 40 x 60 mm	module (300)	2632-4000
02	LYSO slope	13	1550	4000	90+	black anodized	450 x 40 x 60 mm	module (450)	2632-4500

Further types and accessories, other surfaces and continuous fixtures on enquiry. External operating units and mounting accessories must be ordered separately.  
\* when set to 4000 K. The maximum system performance of tunable white luminaires must not be exceeded! Subject to technical amendments and error.





## Description

LED wallwasher in a edgy aluminium profile with white coating.  
Equipped with trough-shaped reflector for a uniform illumination of e.g. shelf racks.  
Light colour 3000 K. Also feasible as a continuous fixture.

## Design

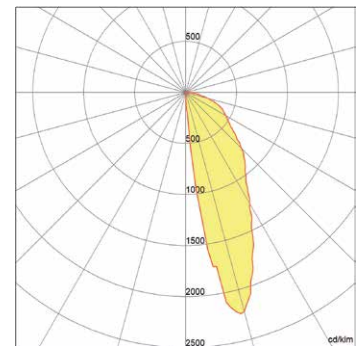
- + Housing : extruded aluminium profile
- + Surface : coated in RAL 9003, optionally anodized on enquiry
- + Mounting : with integrated cantilevers, e.g. to shelves, walls, girders
- + Protection : IP 20

## Technical Data

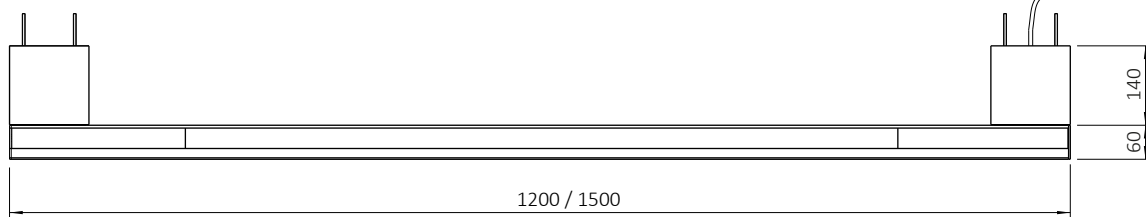
- + Light colour : 3000 K
- + Syst. performance : 15 W | 18 W
- + Dimming : optional
- + Operating device : 24 V; external, optionally integrated in blind section
- + Dimensions : W= 60 mm, H= 60 mm, L= 1200 mm | 1500 mm
- + Distance to wall : 140 mm

## Light distribution

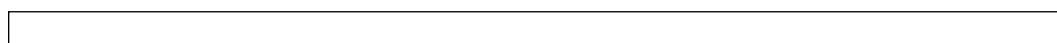
### LIBRY



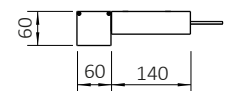
### Top view



### Front view



### Side view



Article	Description	Watt	Lumen	Kelvin	CRI	Surface	Dimensions LxWxH	Unit	Art.No.
01 LIBRY	LED wallwasher	15	1410	3000	90+	coated	1200 x 60 x 60 mm	piece	3989-001
02 LIBRY	LED wallwasher	18	1760	3000	90+	coated	1500 x 60 x 60 mm	piece	3989-050

Further types and accessories, other mounting types and surfaces as well as continuous fixtures on enquiry. Operating units must be ordered separately.  
Subject to technical amendments and error.



## Description

Recessed LED wallwasher with MDBW reflectors in a mounting frame with kinked shield slat. Available as single luminaires LADO .e for suspended plain ceilings, as well as a single, double or triple fixture for installation in grid ceilings with grid size 625 mm.

## Design

- + Housing : extruded aluminium profile
- + Mounting frame : Aluminium coated
- + Mounting : LADO .e with spring clamps, LADO .p as insert for ceiling grids

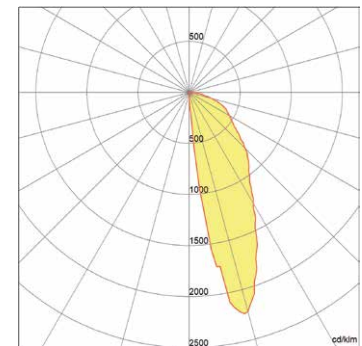
## Technical Data

- + Light colour : 3000 K | 4000 K
- + Syst. performance : 8 W per LED set
- + Dimming : DALI | 1-10 V
- + Operating device : external
- + Dimensions : W= 45 mm (.e) | 70 mm (.p), H= 64 mm, L= 240 mm (.e) | 618 mm (.p)
- + Recess : W= 35 mm, L= 230 mm (.e) | B= 69 mm, L= 600 mm (.p)
- + Distance to wall : D min.= 500 mm (illuminated height 3 m)
- + Protection : IP 20

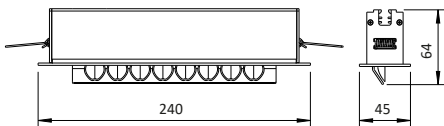
## Light distribution

— C 0 - C 180 — C 90 - C 270

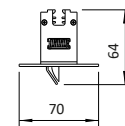
## LADO



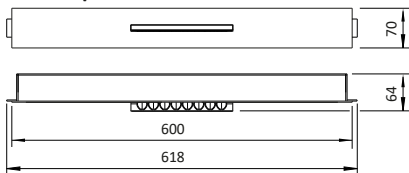
LADO .e



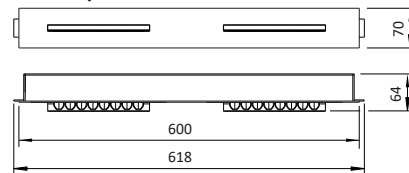
LADO .p



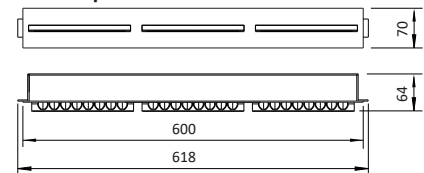
LADO 1.p



LADO 2.p



LADO 3.p



Article	Description	Watt	Lumen	Kelvin	CRI	Surface	Dimensions LxWxH	LED sets	Unit	Art.No.
01	LADO .e Recessed LED wallwasher	8	670	4000	90+	RAL 9003	240 x 45 x 64 mm	1	piece	3035-200-1
02	LADO .e Recessed LED wallwasher	8	640	3000	90+	RAL 9003	240 x 45 x 64 mm	1	piece	3035-200-2
03	LADO 1.p Grid ceiling LED wallwasher	8	670	4000	90+	RAL 9003	618 x 70 x 64 mm	1	piece	3035-380-1
04	LADO 1.p Grid ceiling LED wallwasher	8	640	3000	90+	RAL 9003	618 x 70 x 64 mm	1	piece	3035-380-2
05	LADO 2.p Grid ceiling LED wallwasher	16	1340	3000	90+	RAL 9003	618 x 70 x 64 mm	2	piece	3035-400-1
06	LADO 2.p Grid ceiling LED wallwasher	16	1270	4000	90+	RAL 9003	618 x 70 x 64 mm	2	piece	3035-400-2
07	LADO 3.p Grid ceiling LED wallwasher	24	2020	3000	90+	RAL 9003	618 x 70 x 64 mm	3	piece	3035-420-1
08	LADO 3.p Grid ceiling LED wallwasher	24	1910	4000	90+	RAL 9003	618 x 70 x 64 mm	3	piece	3035-420-2

Further types, accessories and other surfaces on enquiry. Operating devices are included. Other operating devices on enquiry. Subject to amendments and error.



# MINI lado.r Power rail wallwasher



Image similar



Image similar

## Description

LED wallwasher for power rails, with MDBW reflectors in a edgy rectangular profile with kinked shield slat, for a uniform and glare-free wall illumination up to 3 m height.

## Design

- + Housing + cover : extruded aluminium profile
- + Surface : clear anodized or optionally coated in requested colour
- + Mounting : with power rail adaptor

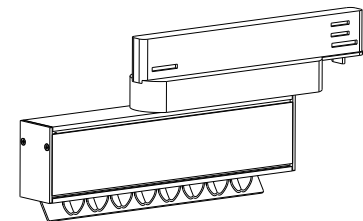
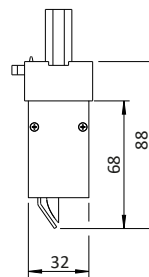
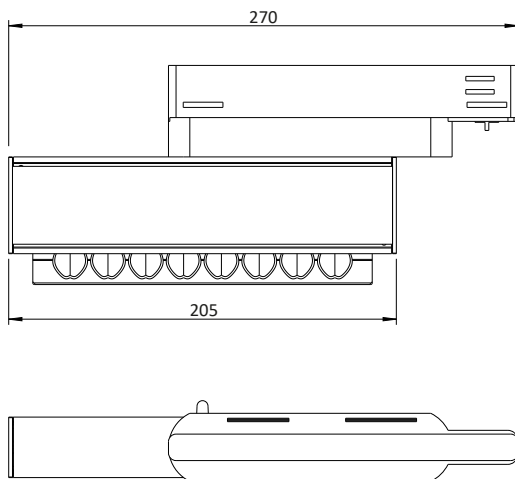
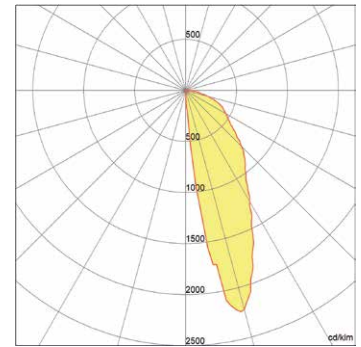
## Technical Data

- + Light colour : 3000 K | 4000 K
- + Syst. performance : 12 W
- + Dimming : optionally DALI
- + Operating device : external
- + Dimensions : W= 32 mm, H= 68 mm (+ adaptor), L= 205 mm (+ adaptor)
- + Distance to wall : D min.= 500 mm (illuminated height 3 m)
- + Protection : IP 20, SK II

## Light distribution

— C 0 - C 180 — C 90 - C 270

### MINI lado.r



Article	Description	Watt	Lumen	Kelvin	CRI	Surface	Dimensions LxWxH	Unit	Art.No.
01	MINI lado .r Power rail wallwasher	12	800	4000	90+	clear anodized	205 x 32 x 68 mm	piece	2632-650-1
02	MINI lado .r Power rail wallwasher	12	750	3000	90+	clear anodized	205 x 32 x 68 mm	piece	2632-650-2
03	MINI lado .r Power rail wallwasher DALI	12	800	4000	90+	clear anodized	205 x 32 x 68 mm	piece	2632-670-1
03	MINI lado .r Power rail wallwasher DALI	12	750	3000	90+	clear anodized	205 x 32 x 68 mm	piece	2632-670-2

Other types and accessories on enquiry. Subject to amendments and error.



# AGIO .s Spotlight



## Description

LED spotlight either for the use in power rails, or for surface mounting.  
 With OHY hybrid optics consisting of a lense and a reflector, available with the light distribution angles 2x 5,5° or 2x 15°, each feasible in the light colours 3000 K and 4000 K.  
 Also available as superspot with light distribution angle 2x 3°, only in 4000 K.

## Design

- + Housing : Aluminium, rod and optional operating device box made of steel
- + Surface : coated in matte black RAL 9005

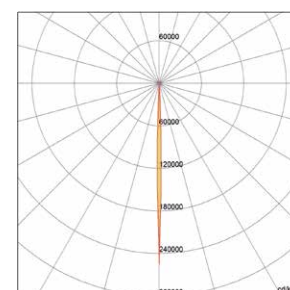
## Technical Data

- + Light colour : 3000 K | 4000 K
- + Syst. performance : 3 W | 10 W
- + Dimming : Dali | DMX | 1-10V
- + Operating device : external - integrated in a box or the power rail
- + Dimensions : W= 72,5 mm, H= 70 mm, L= 107 mm
- + Protection : IP 20, SK II

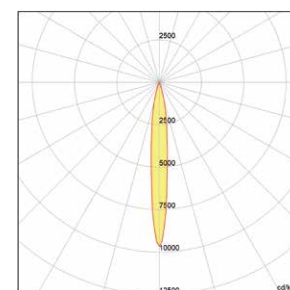
## Light distribution

— C 0 - C 180 — C 90 - C 270

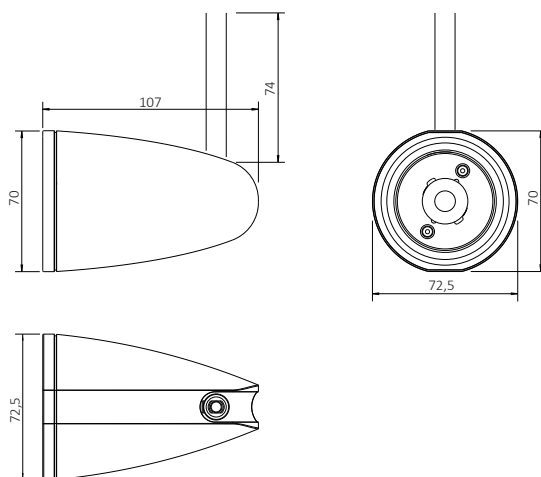
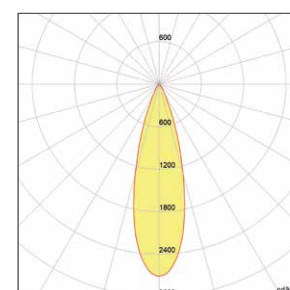
AGIO .s  
2x 3°



AGIO .s  
2x 5,5°



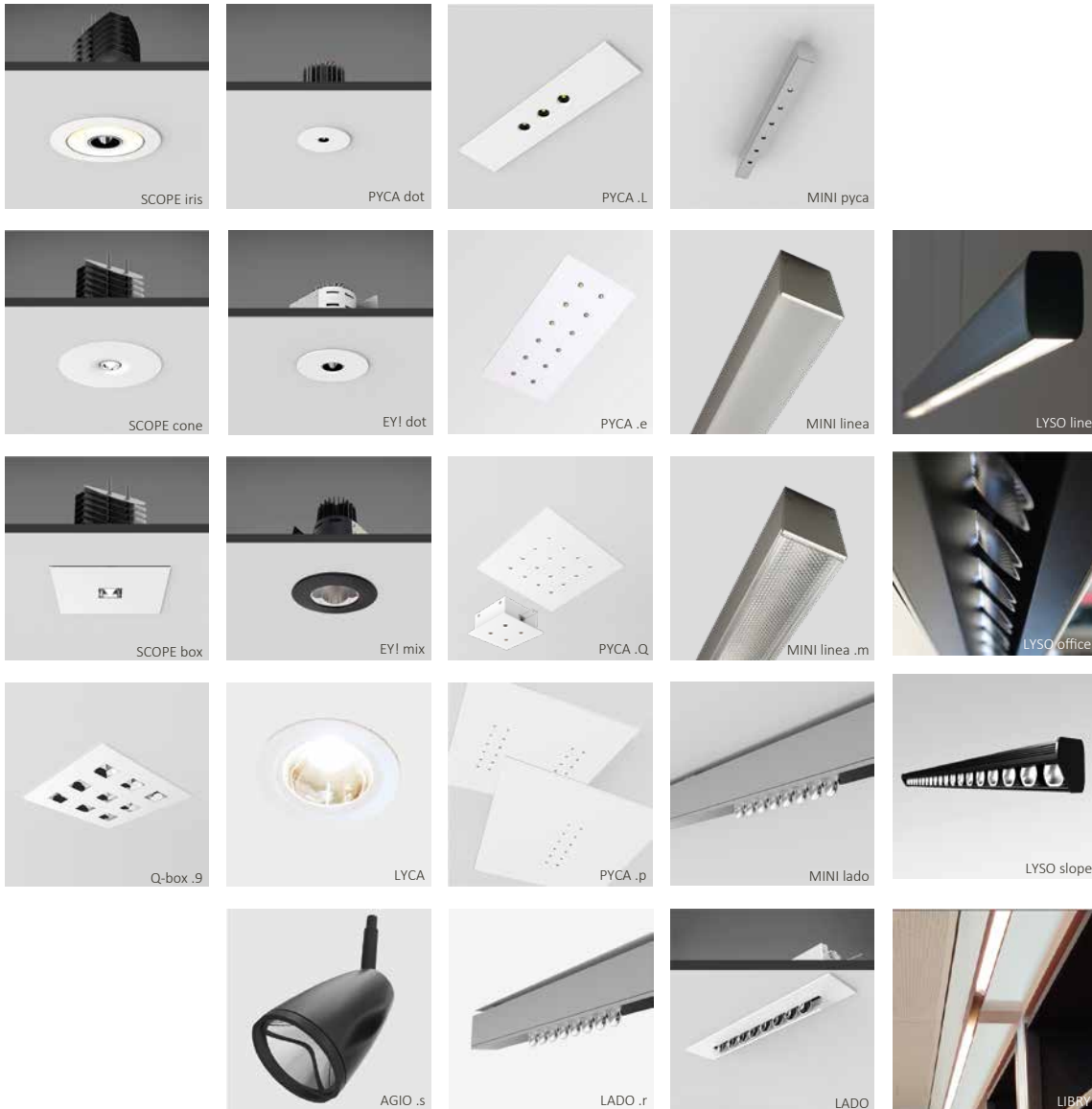
AGIO .s  
2x 15°



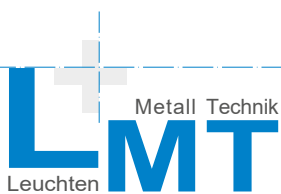
Article	Description	Watt	Lumen	Kelvin	CRI	Surface	Dimensions LxWxH	Unit	Art.No.	
01	AGIO .s 2x 3°	LED superspot OHY	3	210	4000	90+	RAL 9005	107 x 72,5 x 70 mm	piece	2580-61205
02	AGIO .s 2x 5,5°	LED spotlight OHY	10	1040	4000	80+	RAL 9005	107 x 72,5 x 70 mm	piece	2580-61282
03	AGIO .s 2x 5,5°	LED spotlight OHY	10	850	3000	90+	RAL 9005	107 x 72,5 x 70 mm	piece	2580-61292
04	AGIO .s 2x 15°	LED spotlight OHY	10	1040	4000	80+	RAL 9005	107 x 72,5 x 70 mm	piece	2580-61283
05	AGIO .s 2x 15°	LED spotlight OHY	10	850	3000	90+	RAL 9005	107 x 72,5 x 70 mm	piece	2580-61293
06	AGIO .s	Surface mounting kit					RAL 9005		piece	2580-7000
07	AGIO .s	Power rail adaptor EUTRAC							piece	2580-8000

Further types, accessories and other surfaces on enquiry. Operating devices must be ordered separately. Subject to amendments and error.





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according ISO 9001:2015



**Environmentally certified**

according ISO 14001:2015



**Certified Recycling**



**WPK certified**

according DIN 1090-1



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