

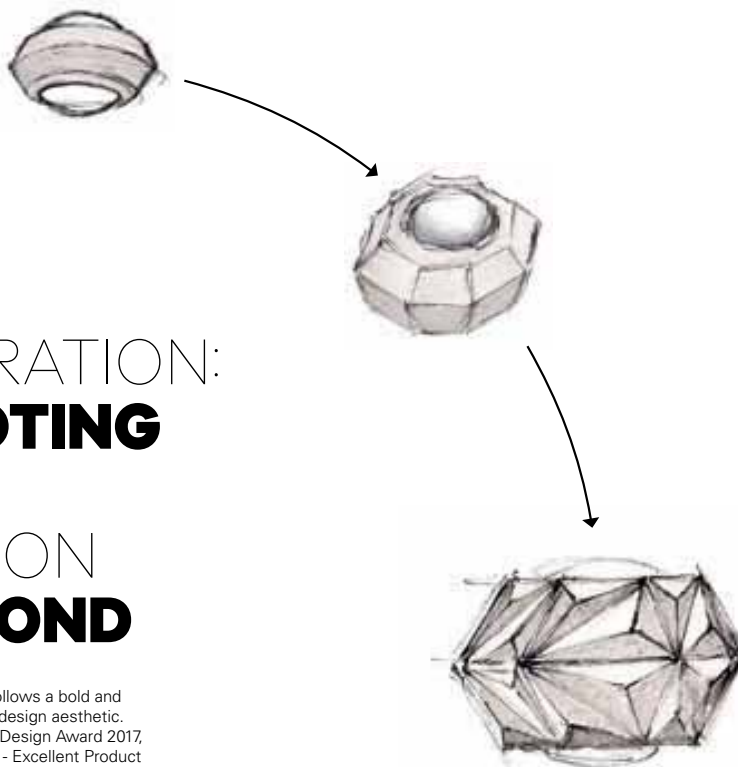


6<sup>TH</sup>  
ELEMENT  
—  
RANGE





INSPIRATION:  
**SHOOTING  
STAR**  
CARBON  
**DIAMOND**



The Indelague Group follows a bold and contemporary product design aesthetic. Winner of the German Design Award 2017, with a Special Mention - Excellent Product Design award in the lighting category, the 6th ELEMENT, was inspired by the shape of the diamonds, the carbon allotrope and sixth element of the periodic table. When switched on, the light effects suggest the trail of light created by the shooting stars crossing the earth's atmosphere. The end result is an eccentric product design together with the latest LED technology. When combined with different optical lenses the 6th ELEMENT turn your space unique and personalized.







**BODY**

Powder coated die-cast aluminium.

**LED**

MacAdam <3, colour temperature 3000K / 4000K, CRI>80 / >90 and 50.000h L80 B10 life time.

**DOZ**

OPAL DIFFUSER

**DPT**

TRANSPARENT DIFFUSER

**80° LENS**

**50° LENS**

**FIXING SYSTEM**

Easy fixing through magnets.

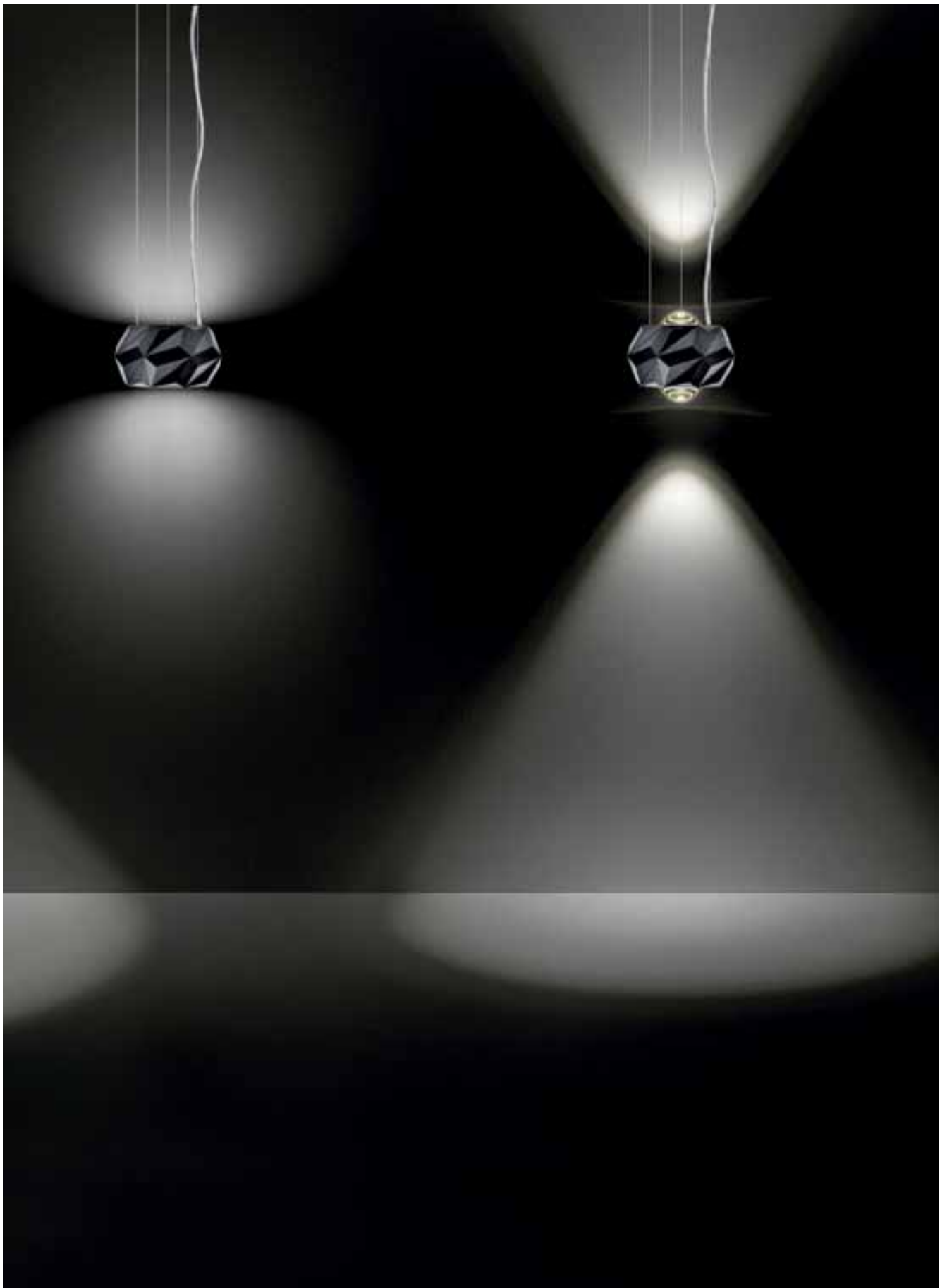
**BLANKING COVER**





6<sup>TH</sup> ELEMENT







## 6<sup>th</sup> ELEMENT RANGE

The 6th ELEMENT range allows architects and light designers to create the perfect lighting for any space, offering lighting solutions capable to highlight the design of your space in a unique way. This range is equipped with the latest LED technology, you can choose direct light versions, indirect or the combination of both. Available in 4 installation types: surface mounted

fixed, surface mounted adjustable, suspended or wall adjustable. Developed to use high-quality optical glass lenses, its aesthetic allows you to create a unique architectural space. You can combine different optical options in the same space, ensuring uniform light (DOZ / DPT diffuser) to offer better horizontal guidance or with the optical glass lenses (80°

or 50°) in order to create distinct hierarchies of light in the space. The 6th ELEMENT features low glare with high quality light.

SURFACE MOUNTED  
FIXED

SUSPENDED



6<sup>th</sup> ELEMENT FIX



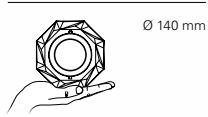
6<sup>th</sup> ELEMENT



50° Lens

80° Lens





Ø 140 mm



6<sup>th</sup> ELEMENT  
42



6<sup>th</sup> ELEMENT FIX  
45



6<sup>th</sup> ELEMENT /C  
50



6<sup>th</sup> ELEMENT /W  
54

SURFACE MOUNTED  
ADJUSTABLE

WALL MOUNTED  
ADJUSTABLE



6<sup>th</sup> ELEMENT /C



6<sup>th</sup> ELEMENT /W



DOZ

DPT







## HOW TO **CREATE SPACES THROUGH LIGHT**

Bold product design and functional lighting are some of the main characteristics of the 6th element range. Winner of the German Design Award 2017 with the Special Mention – Excellent Product Design – on lighting category, this range is composed

by several lighting solutions that fits perfectly into any space or environment and can be combined with different optics, colours, direct or direct/indirect light. The 6th Element range enables you to highlight the shape of the entire space or only specific areas.



# 01.

## 80° LENS

### LIGHTING LARGE SPACES

When lighting large spaces, we should have in mind the most efficient way to do it, how to adapt the space to users and the possibility of different furniture layouts. Uniform lighting is essential. In these large spaces, the 80° optic lens allows a more uniform lighting with a very low glare ratio, ideal for working spaces, according to EN12464-1.



# 02.

## 50° LENS

### LIGHTING WITH DRAMATIC EFFECT

When the purpose is to create light hierarchies or drama and well defined spaces, the 50° lens are the best choice. Either for accent lighting on restaurants, reception areas or product display, the 50° lenses creates a minimalist atmosphere and add interest to the space. The highlighted area may be enlarged with the help of adjustable ceiling luminaires.





## 03.

### LIGHT TO CREATE A SPACE

When there are images or small objects to be highlighted from the rest of the space, our ceiling adjustable luminaires are the solution. If the lit surface is shiny, the luminaire should light the object in an angle (side), in order to avoid light reflection and unwanted shadows. The 50° beam lenses will accent the textures more than a more wide optic, however, it is usual the increase of shadows in art frames or in the surrounding areas of the lit objects. These shadows can be dissuaded with 80° beam lenses or DOZ diffusor.



## 04.

### ACCENT LIGHTING

Light hierarchies in functional areas amplifies the visual aspect of the object, divides the areas and improves the space perception. Lighting is part of the creative process of the project and the proper use of light helps to point out the object regarding the space around it. The use of a luminaire with direct/indirect light helps to accent specific surfaces, as well as the space architecture as a whole.









## 6<sup>th</sup> ELEMENT

ARCHITECTURAL LIGHTING

### Norms

EN 60598-1, 60598-2-2



**Body:** Die-cast aluminium.

**Finish:** Powder coated.

**Optical system:** Optical glass convex lenses.

**Light source:** LED 4000K, CRI>80.

**LED life time:** 50.000h @ L80, B10, Ta 25°C.

**Control gear:** LED driver 220-240VAC-50/60Hz.

**Please note:** Suspension type "I" (x3) and 1,5m transparent current supply cable included.



### Direct / Indirect | 50% (Direct) + 50% (Indirect)

LED	UGR	W	Lm	Lm/W	η(%)	AxBxC (mm)	Kg	HF	DALI
	≤13	16	2172	117	86	140x140x80	2,3	90280.L016.E	90280.L016.H

### Direct

LED	UGR	W	Lm	Lm/W	η(%)	AxBxC (mm)	Kg	HF	DALI
	≤13	9	1086	104	86	140x140x80	2,3	90328.L009.E	90328.L009.H
	≤13	16	1813	97	86	140x140x80	2,3	90328.L016.E	90328.L016.H

### Indirect

LED	UGR	W	Lm	Lm/W	η(%)	AxBxC (mm)	Kg	HF	DALI
	--	9	1086	100	86	140x140x80	2,3	90327.L009.E	90327.L009.H
	--	16	1813	96	86	140x140x80	2,3	90327.L016.E	90327.L016.H

### Direct / Indirect | Direct | Indirect

- To complete the product add optical system and ceiling rose. Please order separately.
- The technical data represent rated values for an 50° optic lens.

### OPTIONS

Optical system	Order code
80° Lens	925600
50° Lens	925601
Opal diffuser	925602
Transparent diffuser	925603

Finish	Order code
White	W
Gray	G
Black	B
Rusty Chain	R

• Other colours under request.

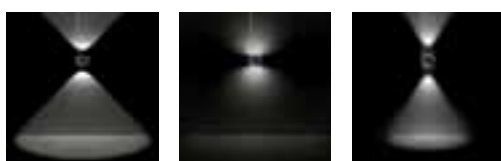
Colour temperature	Order code
3000K	3000

Mounting kit	Order code
Recessed circular	9718

• Mounting kit in body colour.  
Other colours under request.

CRI	Order code
CRI >90	CRI90

### DETAILS

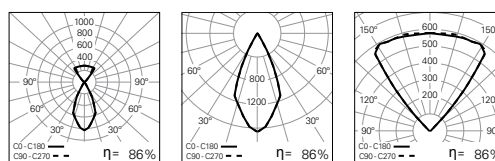


80°/80° optical lenses light effect

Opal diffuser light effect

50°/50° optical lenses light effect

### PHOTOMETRY



6th ELEMENT D/I 16W 4000K 50°+80°

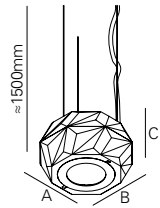
6th ELEMENT 9W Direct 4000K 50°

6th ELEMENT 16W Indirect 4000K 80°

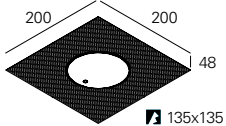




**DIMENSIONS**



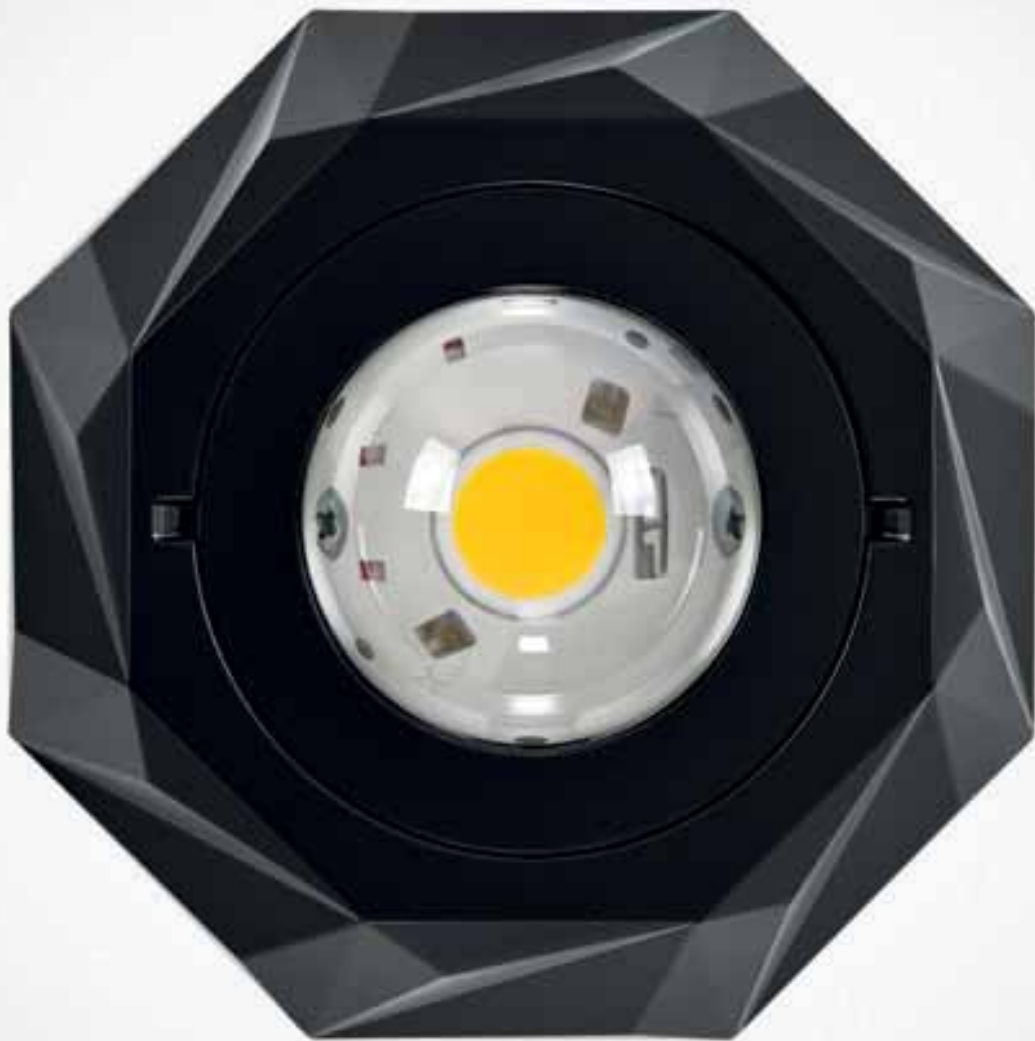
**Mounting kit**



**TO SPECIFY**

Diamond shape LED pendant luminaire. Die cast aluminium body, powder coated in epoxy-polyester. Standard version with LED 4000K, CRI>80 and 50.000h lifetime (@L80, B10, Ta 25°C) and integral heat sink to provide optimum heat dissipation. Multiple light configurations, including direct/indirect versions through the use of convex lenses made of optical glass (50° or 80°) allowing UGR<13. Opal or transparent diffusers also available. Optional DALI dimmable driver, 3000K and CRI>90. - as Roxo Lighting 6th ELEMENT





Shown in real size







## 6<sup>th</sup> ELEMENT FIX

ARCHITECTURAL LIGHTING

### Norms

EN 60598-1, EN 60598-2-2



**Body:** Die-cast aluminium.

**Finish:** Powder coated.

**Optical system:** Optical glass convex lenses.

**Light source:** LED 4000K, CRI>80.

**LED life time:** 50.000h @ L80, B10, Ta 25°C.

**Control gear:** LED driver 220-240VAC-50/60Hz.

### Direct



LED	UGR	W	Lm	Lm/W	η(%)	AxBxC (mm)	Φ	Kg	HF	DALI
	≤13	9	1086	104	86	140x140x87	Ø125	1,2	90303.L009.E	90303.L009.H
	≤13	16	1813	97	86	140x140x87	Ø125	1,2	90303.L016.E	90303.L016.H

- To complete the product add optical system. Please order separately.
- The technical data represent rated values for an 50° optic lens.

### OPTIONS



#### Optical system

	Order code
80° Lens	925600
50° Lens	925601
Opal diffuser	925602
Transparent diffuser	925603



#### Finish

	Order code
White	W
Gray	G
Black	B
Rusty Chain	R

- Other colours under request.



#### Colour temperature

	Order code
3000K	3000



#### Safety cable

	Order code
Steel safety cable	955000



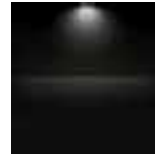
#### CRI

	Order code
CRI>90	CRI90

### DETAILS



80° optical lens light effect

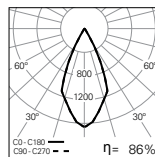


Opal diffuser light effect



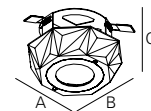
50° optical lens light effect

### PHOTOMETRY



6th ELEMENT FIX 16W  
Direct 4000K 50°

### DIMENSIONS



### TO SPECIFY

Diamond shape LED recessed fixed luminaire. Die cast aluminium body, powder coated in epoxy-polyester. Standard version with LED 4000K, CRI>80 and 50.000h lifetime (@L80, B10, Ta 25°C) and integral heat sink to provide optimum heat dissipation.

Multiple light configurations through the use of convex lenses made of optical glass (50° or 80°) allowing UGR<13. Opal or transparent diffusers also available. Optional DALI dimmable driver, 3000K and CRI>90. - as Roxo Lighting 6th ELEMENT FIX

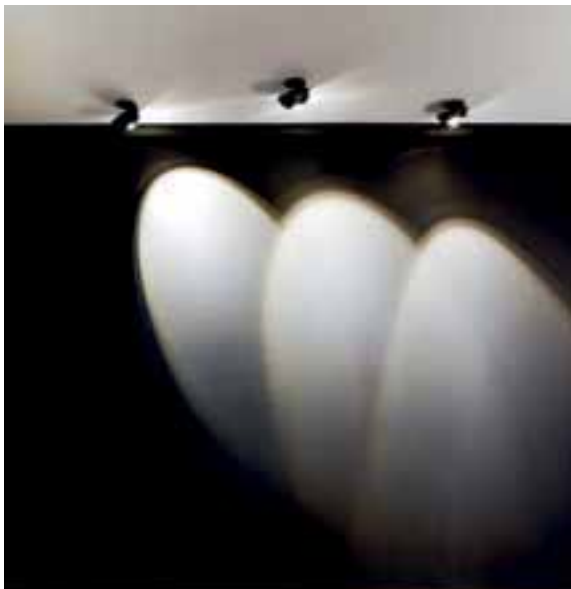
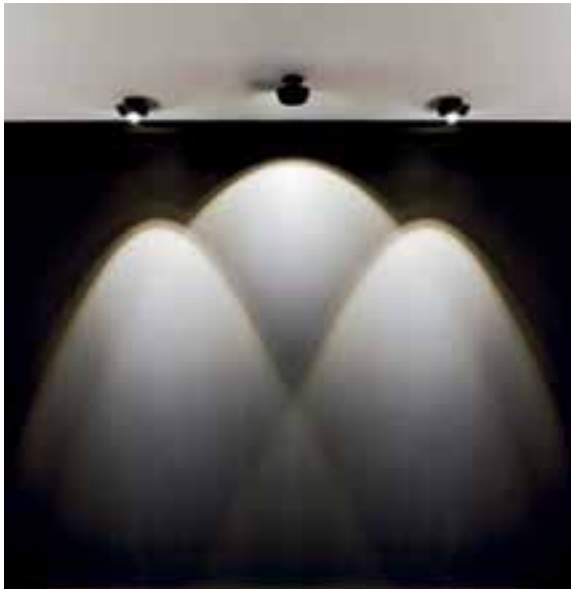














## 6<sup>th</sup> ELEMENT /C

ARCHITECTURAL LIGHTING

### Norms

EN 60598-1, EN 60598-2-2



**Body:** Die-cast aluminium.

**Finish:** Powder coated.

**Optical system:** Optical glass convex lenses.

**Light source:** LED 4000K, CRI>80.

**LED life time:** 50.000h @ L80, B10, Ta 25°C.

**Control gear:** LED driver 220-240VAC-50/60Hz.



### Direct



LED	UGR	W	Lm	Lm/W	η(%)	AxBxC (mm)	Kg	HF	DALI
	≤13	9	1086	104	86	140x140x60	1,5	90278.L109.E	90278.L109.H
	≤13	16	1813	97	86	140x140x60	1,5	90278.L016.E	90278.L016.H

- To complete the product add optical system and ceiling rose. Please order separately.
- The technical data represent rated values for an 50° optic lens.

### OPTIONS



#### Optical system

	Order code
80° Lens	925600
50° Lens	925601
Opal diffuser	925602
Transparent diffuser	925603



#### Finish

	Order code
White	W
Gray	G
Black	B
Rusty Chain	R

- Other colours under request.



#### Colour temperature

	Order code
3000K	3000



#### Mounting kit

	Order code
Recessed circular	9726

- Mounting kit in body colour.
- Other colours under request.



#### CRI

	Order code
CRI>90	CRI90

### DETAILS



80° optical lens light effect

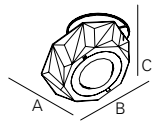


Opal diffuser light effect

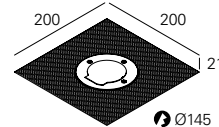


50° optical lens light effect

### DIMENSIONS



#### Mounting kit



### TO SPECIFY

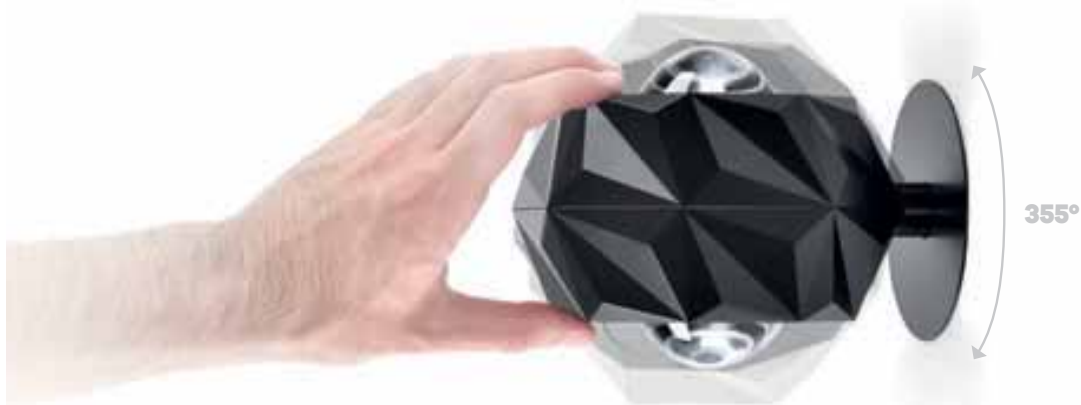
Diamond shape LED recessed adjustable luminaire. Die cast aluminium body, powder coated in epoxy-polyester. Standard version with LED 4000K, CRI>80 and 50.000h lifetime (@L80, B10, Ta 25°C) and integral heat sink to provide optimum heat dissipation.

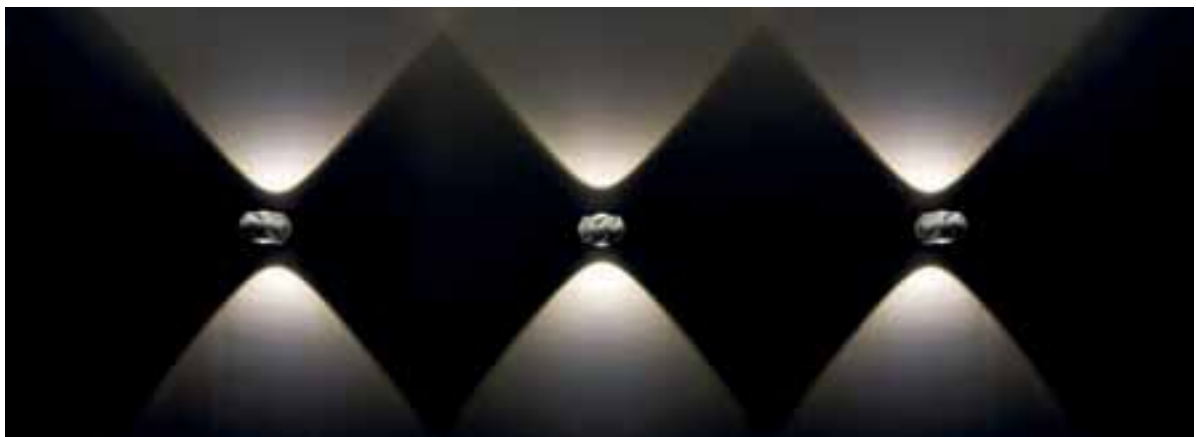
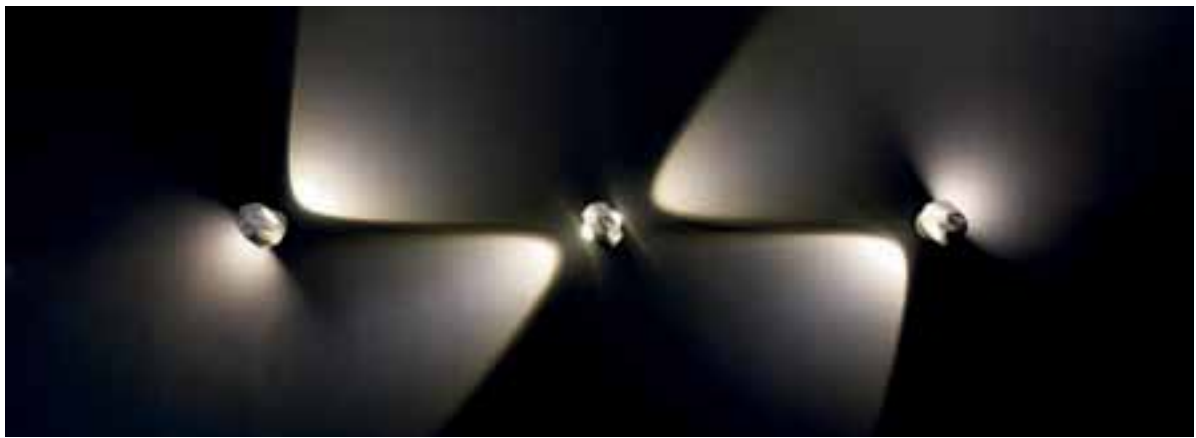
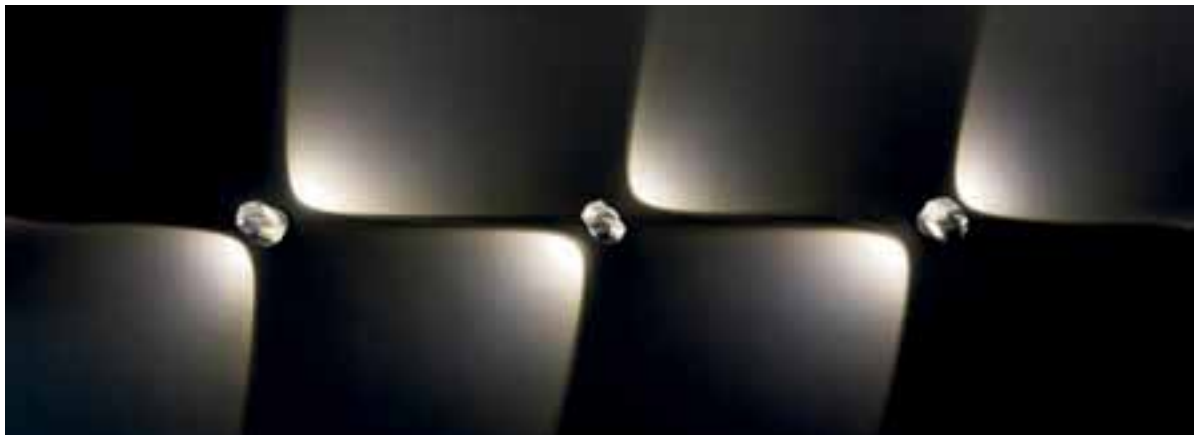
Multiple light configurations through the use of convex lenses made of optical glass (50° or 80°) allowing UGR<13. Opal or transparent diffusers also available. Optional DALI dimmable driver, 3000K and CRI>90. - as Roxo Lighting 6th ELEMENT /C











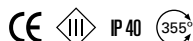


# 6<sup>th</sup> ELEMENT /W

ARCHITECTURAL LIGHTING

**Norms**

EN 60598-1 , 60598-2-2


**Body:** Die-cast aluminium.

**Finish:** Powder coated.


**Optical system:** Optical glass convex lenses.

**Light source:** LED 4000K, CRI>80.


**LED life time:** 50.000h @ L80, B10, Ta 25°C.

**Control gear:** LED driver 220-240VAC-50/60Hz.


Direct / Indirect | 50% (Direct) + 50% (Indirect)

LED	UGR	W	Lm	Lm/W	η(%)	AxBxC (mm)	Kg	HF	DALI
	≤13	16	2172	117	86	140x160x80	2,0	90279.L016.E	90279.L016.H

Direct

LED	UGR	W	Lm	Lm/W	η(%)	AxBxC (mm)	Kg	HF	DALI
	≤13	9	1086	104	86	140x160x80	2,0	90330.L009.E	90330.L009.H
	≤13	16	1813	97	86	140x160x80	2,0	90330.L016.E	90330.L016.H

**Direct / Indirect | Direct | Indirect**

- To complete the product add optical system and mounting kit. Please order separately.
- The technical data represent rated values for an 50° optic lens.

**OPTIONS**

**Optical system**

	Order code
80° Lens	925600
50° Lens	925601
Opal diffuser	925602
Transparent diffuser	925603


**Finish**

	Order code
White	W
Gray	G
Black	B
Rusty Chain	R

- Other colours under request.


**Colour temperature**

	Order code
3000K	3000


**Mounting kit**

	Order code
Recessed circular	9720

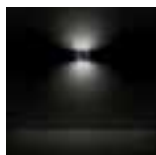
- Mounting kit in body colour.
- Other colours under request.


**CRI**

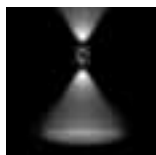
	Order code
CRI>90	CRI90

**DETAILS**

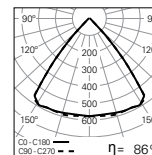
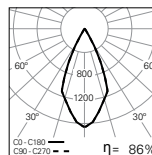
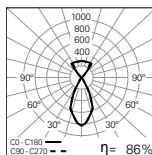

80°/80° optical lenses light effect



Opal diffuser light effect

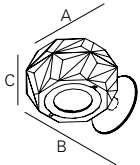


50°/50° optical lenses light effect

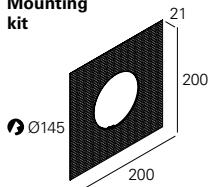
**PHOTOMETRY**




**DIMENSIONS**



**Mounting kit**



**TO SPECIFY**

Diamond shape LED recessed wall mounted luminaire. Die cast aluminium body, powder coated in epoxy-polyester. Standard version with LED 4000K, CRI>80 and 50.000h lifetime (@ L80, B10, Ta 25°C) and integral heat sink to provide optimum heat dissipation. Multiple light configurations, including direct/indirect versions through the use of convex lenses made of optical glass (50° or 80°) allowing UGR<13. Opal or transparent diffusers also available. Optional DALI dimmable driver, 3000K and CRI>90. - as Roxo Lighting 6th ELEMENT /W

