






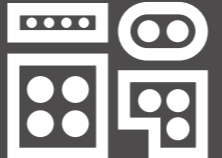
# DRAK

DRINK

## Minimalist form factor

The design of the Dark family stems from the dream to combine small form factor products with GIANT performance, an opportunity granted to us through the study of optical and thermal management, which allows us to deliver diameters and overall dimensions well below average.

In fact, Dark allows itself to compete with much more visible and bulky opponents, often surpassing them in terms of performance and quality of the beams.

	<b>-25%</b>	<b>DIMENSIONS</b>	The parity between size and performance has allowed us to reduce the size of the product by more than the 25%
	<b>-60%</b>	<b>CONSUMPTION</b>	Utilising our new optical technologies allows us to offer a 60% energy saving
	<b>&lt;13</b>	<b>GLARING</b>	We designed the range with aim to keep the UGR values <13
	<b>12</b>	<b>SPECIALIST OPTICS</b>	Up to 12 groups of specialized optical varieties to compliment and enrich our range
	<b>5+3</b>	<b>ADDITIONAL ACCESSORIES</b>	We have complimented the range with numerous stackable accessories to meet every project requirement
	<b>&gt;100</b>	<b>VISUAL SOLUTIONS</b>	No limits to your architectural freedom Due to the multi-compositional Forms and colours of the DARK series

## Visual and sensory comfort

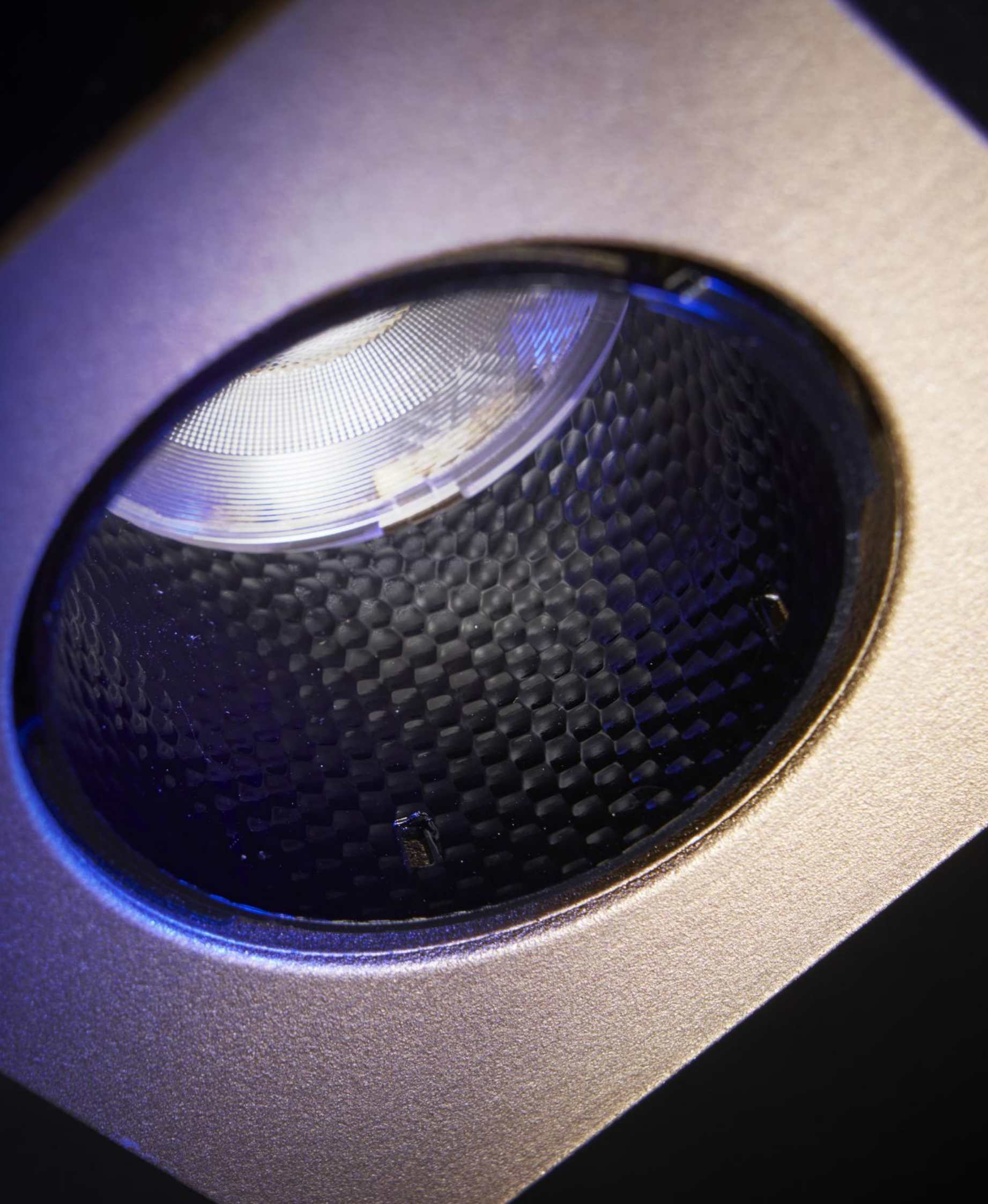
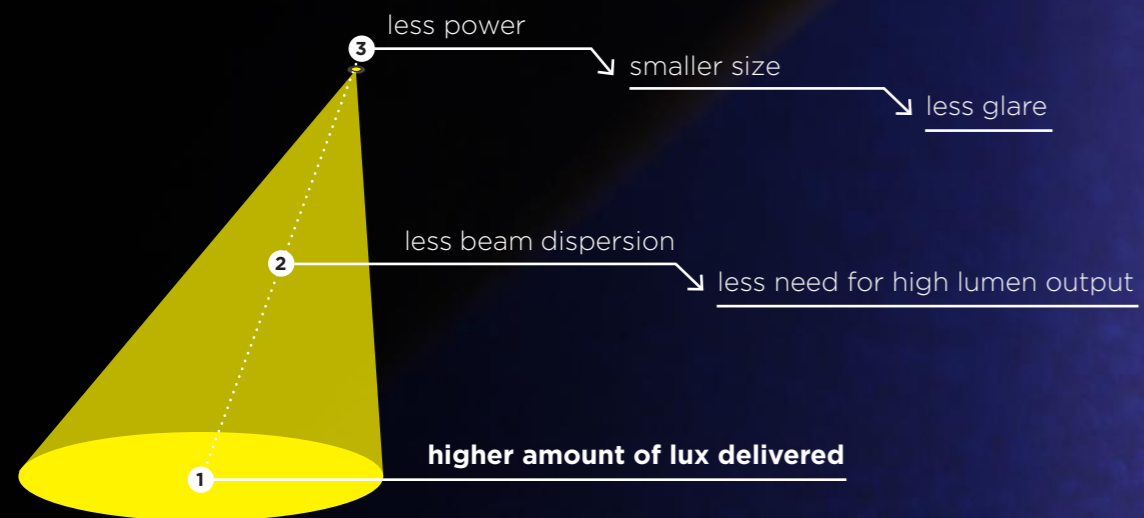
Very low UGR values and new low contrast lenses make Dark a fully refined and universal tool, designed to deliver lighting solutions with minimal distortions and highly professional optical results.



# Energy efficiency

We measure our optical results by comparing the actual consumption of the system with the lux reported in the area to be illuminated. The lux / watt ratio is therefore the blueprint for our continued research, and a key indicator in the relationship between power requirement and energy waste.

## THE EFFECTIVE CIRCLE OF OPTICAL EVOLUTION



## Specialist optics

A full suite of high precision optical lenses across the entire range, from rotosymmetrical high definition 'REVO' lenses with UGR values <10. To asymmetrical high efficiency wall washers.

And the brand new low contrast 'Homogenic' lenses for ultra smooth diffusion in large spaces, delivering UGR values <19.

And finally, two types of elliptical lenses 'REVO Low Contrast'. All of which when taken together, guarantee total project flexibility with a wide spectrum of applications.

The primary task of the Dark collection is to provide each setting with a specific solution, aimed at obtaining the maximum lighting result with the lowest possible energy consumption.

### **REVO**

solution for accent lighting

### **LOW CONTRAST**

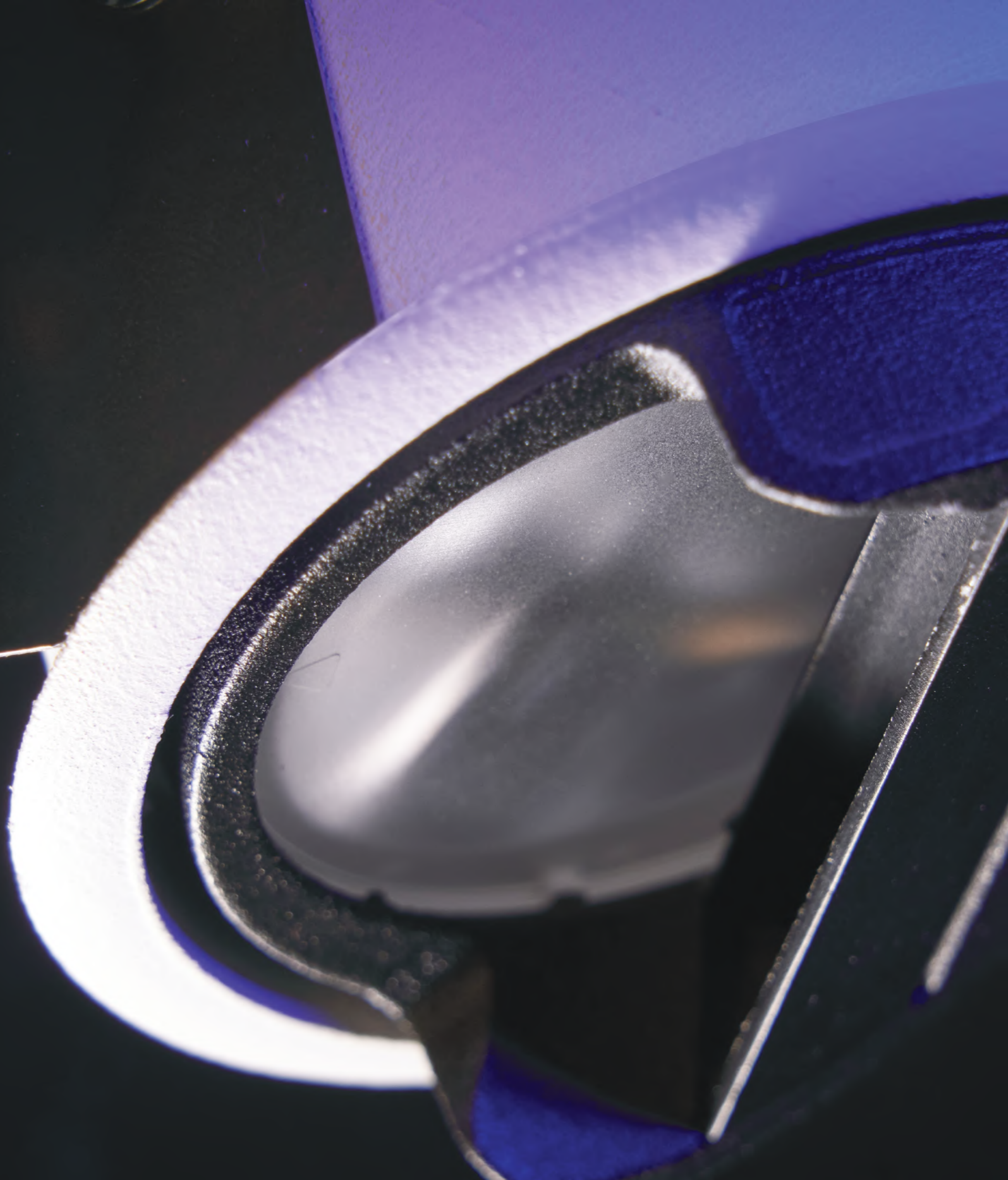
solution for workplaces, reading, general distribution.

### **WALL WASHER**

solution for homogeneous distributions on vertical surfaces.

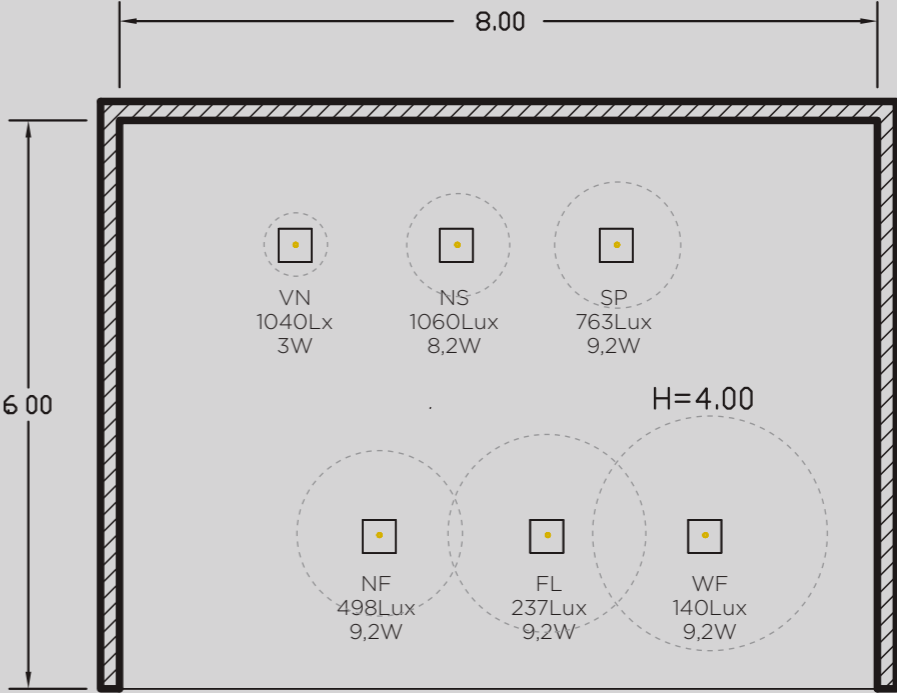
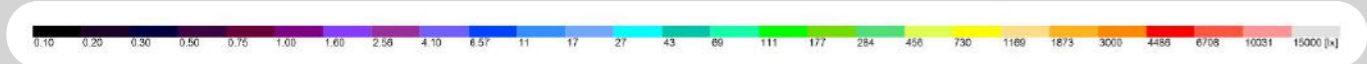
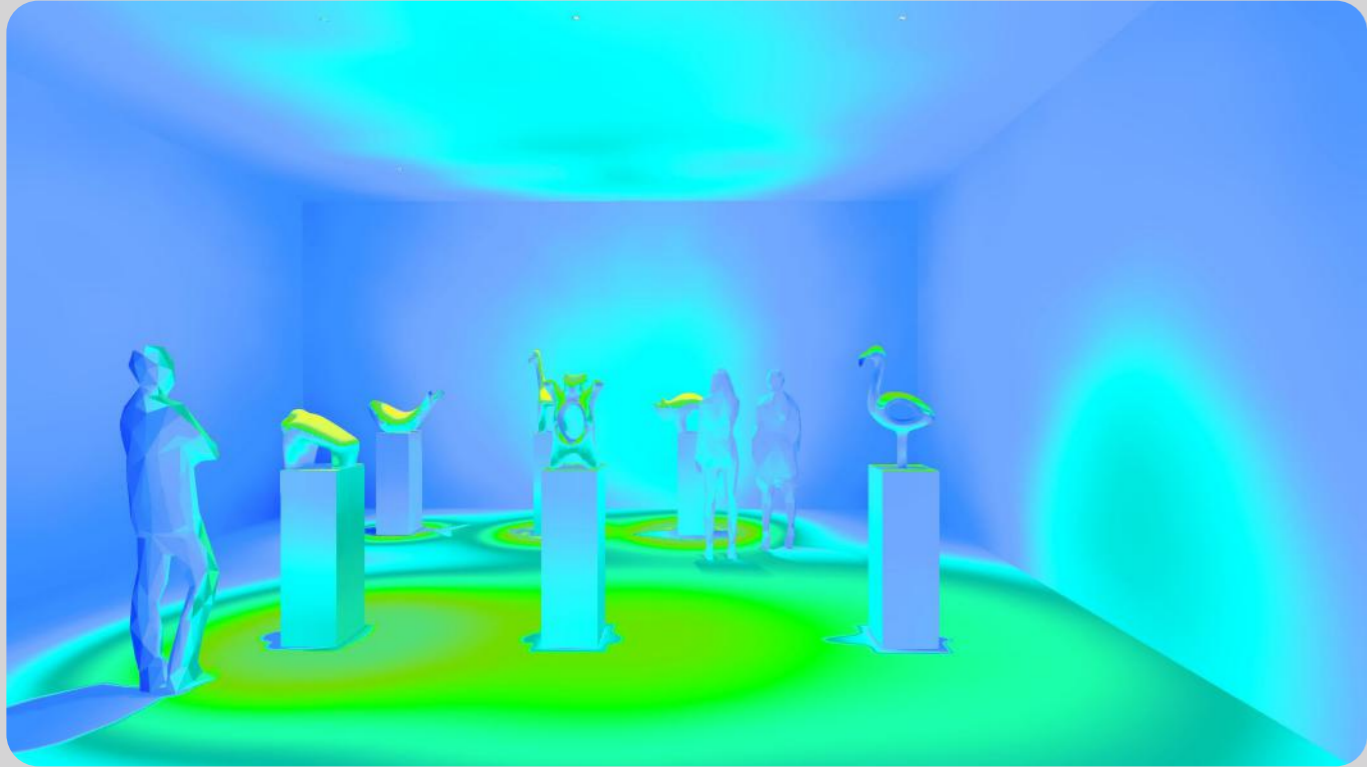
### **ELLIPTICAL**

solution for homogeneous longitudinal distributions in paths and corridors.

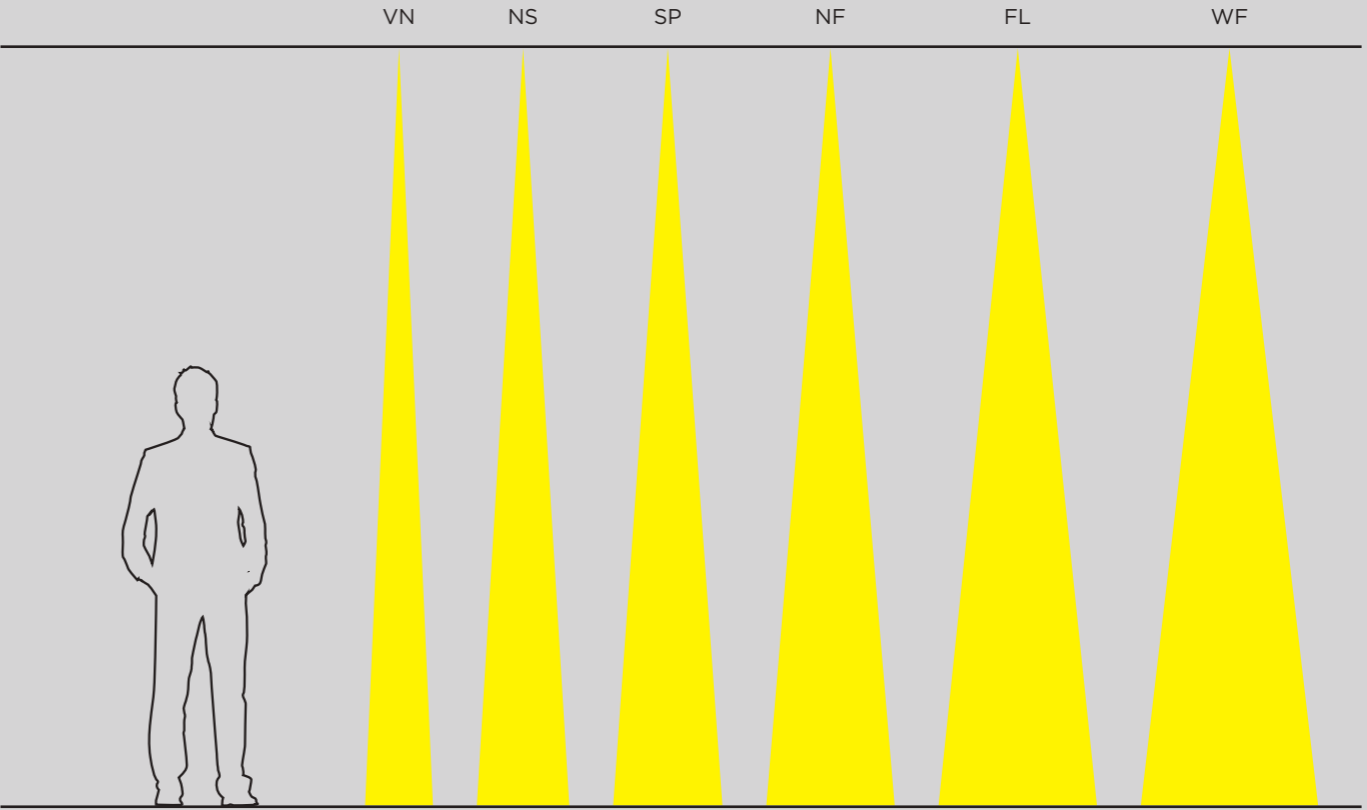


# Accent Light Revo optics

An example of the use of **Revo** lenses in which the relationship between lux on the subject, power of the product, beam precision and last but not least the size of the product itself is highlighted.

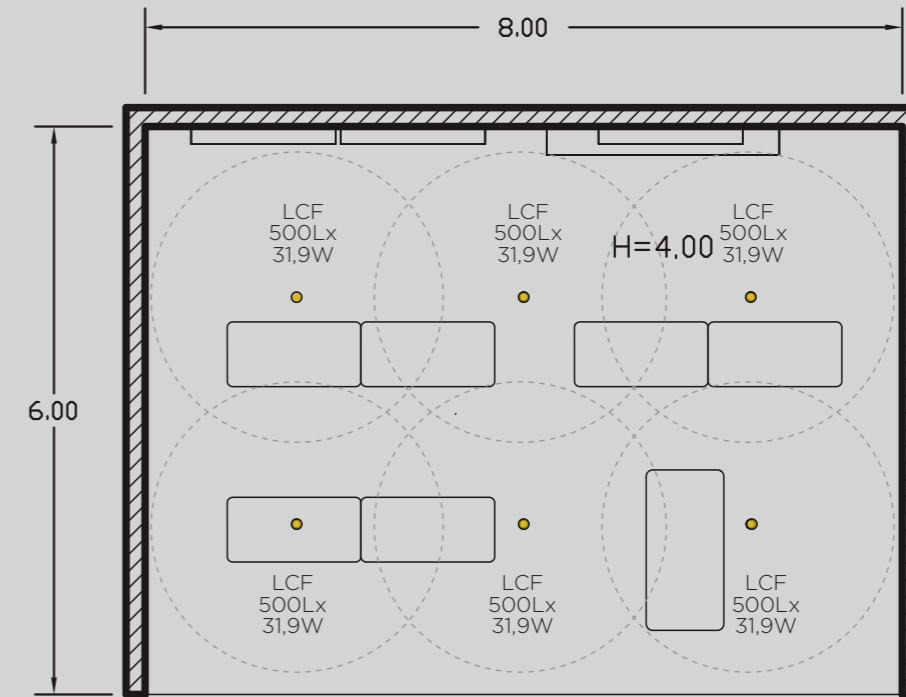


N°6 DARK Small Tilt  
optics: VN - NS - SP - NF - FL - WF

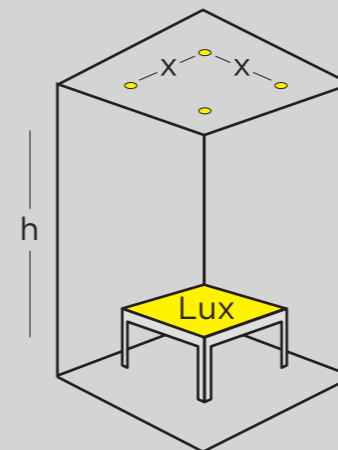
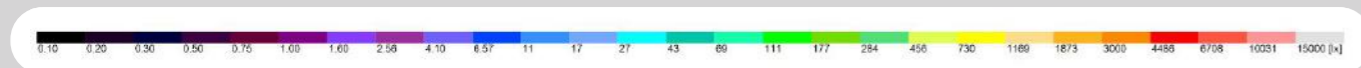
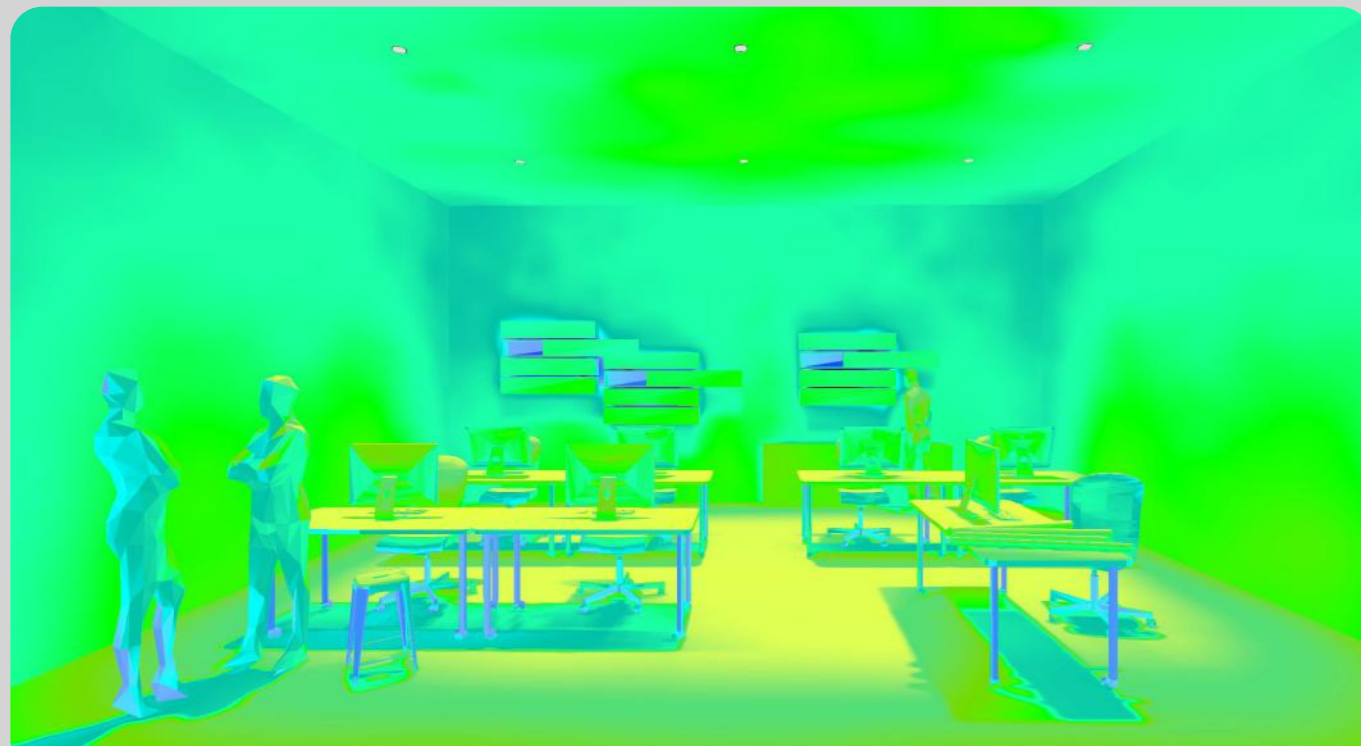


# General Light Low Contrast optics

An example of the use of **rotosymmetrical Low Contrast optics**, determined using a basic matrix in which the relationships between the obtained uniformity, number of products, and power used is in perfect harmony with each other.



N°6 DARK Max Fix Low Contrast FL optic



**Sensing data**  
 - 3000K  
 - Ra92  
 - UGR<19  
 - Calculation surface 0.8m from the ground  
**UNIF. > 0,7**

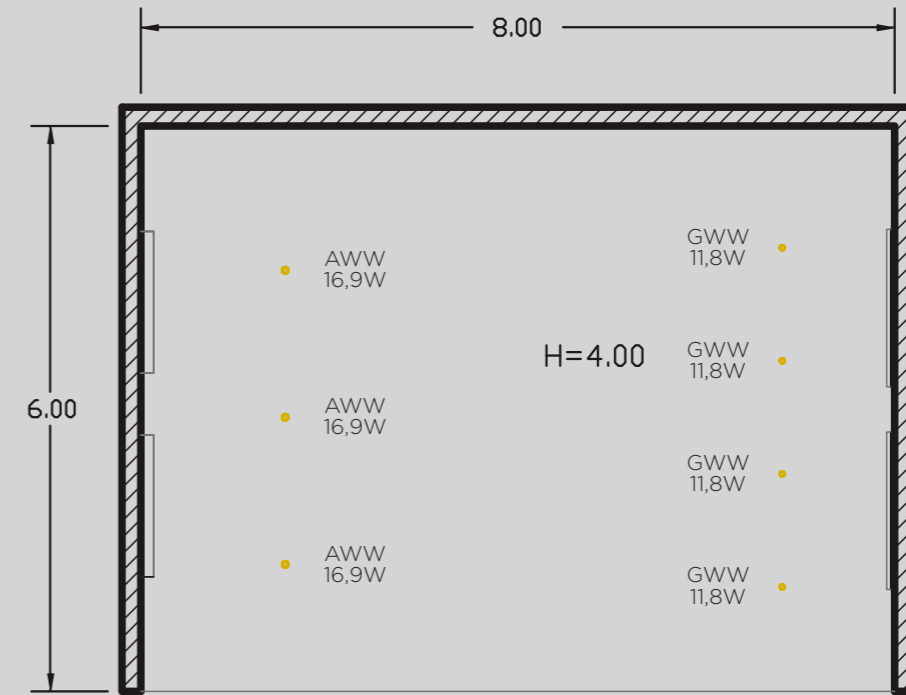
POSITIONING TABLE h 2,7 / 4m											
MODEL		POWER	h=2,7				h=4m				
			150Lx	200Lx	300Lx	500Lx	150Lx	200Lx	300Lx	500Lx	
LOW CONTRAST	MEDIUM	WF	4,1W	x=1,8m							
		FL	12,1W				x=2,6m				
	COMPACT	WF	8,2W		x=2,1m						
		FL	17,3W					x=2,6			
	MAX	WF	11,5W			x=2m					
		FL	24,2W				x=1,9m				
								x=2,7m			
									x=2,4m		
		W/mq		1,7	2,1	3,2	5,5	2,0	2,6	3,7	6,2

POSITIONING TABLE h 6 / 8m												
MODEL		POWER	h=5m				h=6m			h=8m		
			150Lx	200Lx	300Lx	500Lx	100Lx	200Lx	300Lx	200Lx	300Lx	
LOW CONTRAST	MEDIUM	WF	5,4W									
		FL	13,2W									
	COMPACT	WF	8,2W									
		FL	17,3W	x=3m								
	MAX	WF	11,5W									
		FL	24,2W									
		W/mq		2,0	2,7	4,0	6,2	2,0	2,6	4,0	2,8	5,3

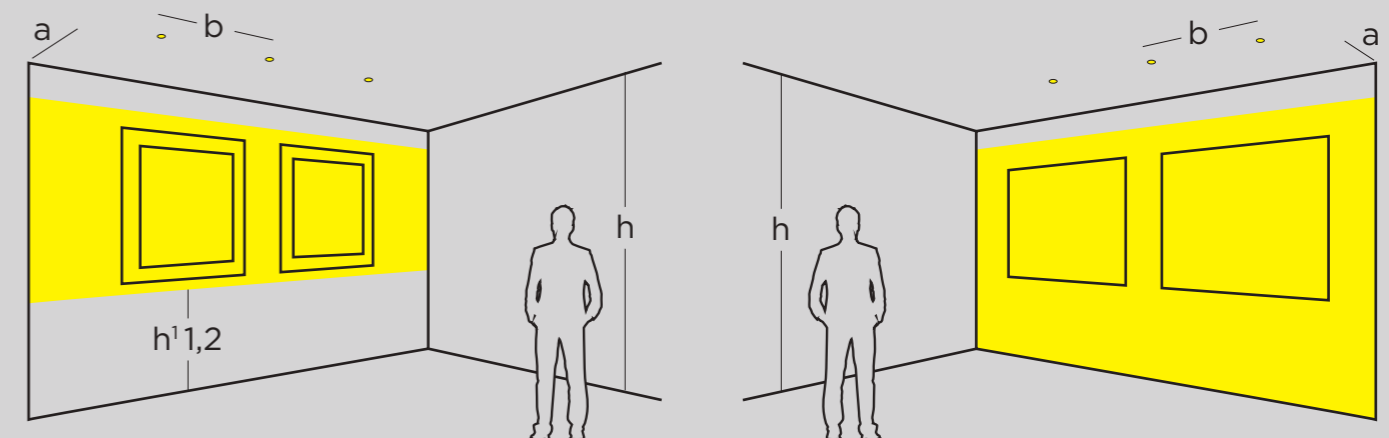
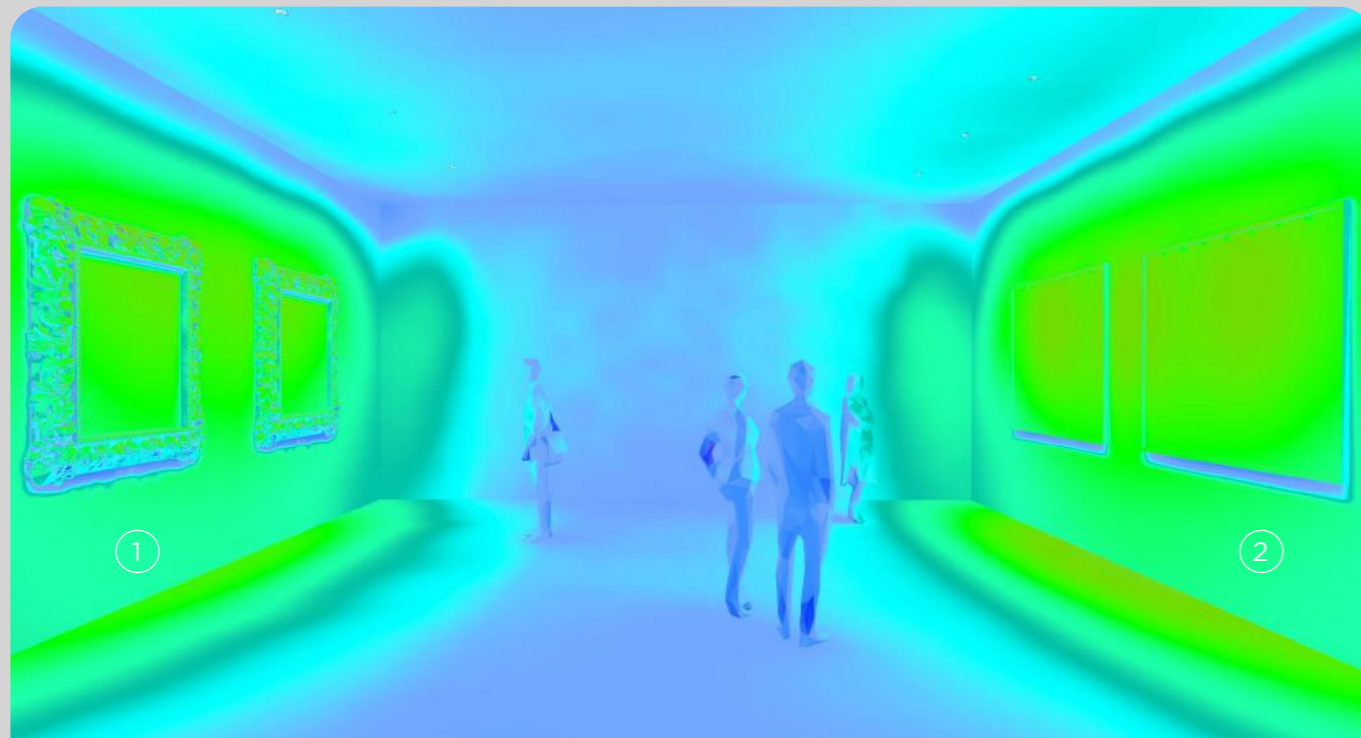


# Wall Washer Light Low Contrast optics

An example of the use of **asymmetrical Low Contrast optics**, calculated within the preferred arrangement formula, which obtains a high degree of uniformity (above 0.7), with a reduced number of products and an average return of over 200 lux on the wall.



N°3 DARK Compact Fix AWW (Area Washer) optic 3000K Ra98 on the left side ① and N°4 DARK Medium Fix GWW (Grazing Washer) optic 3000K Ra98 on the right side ②

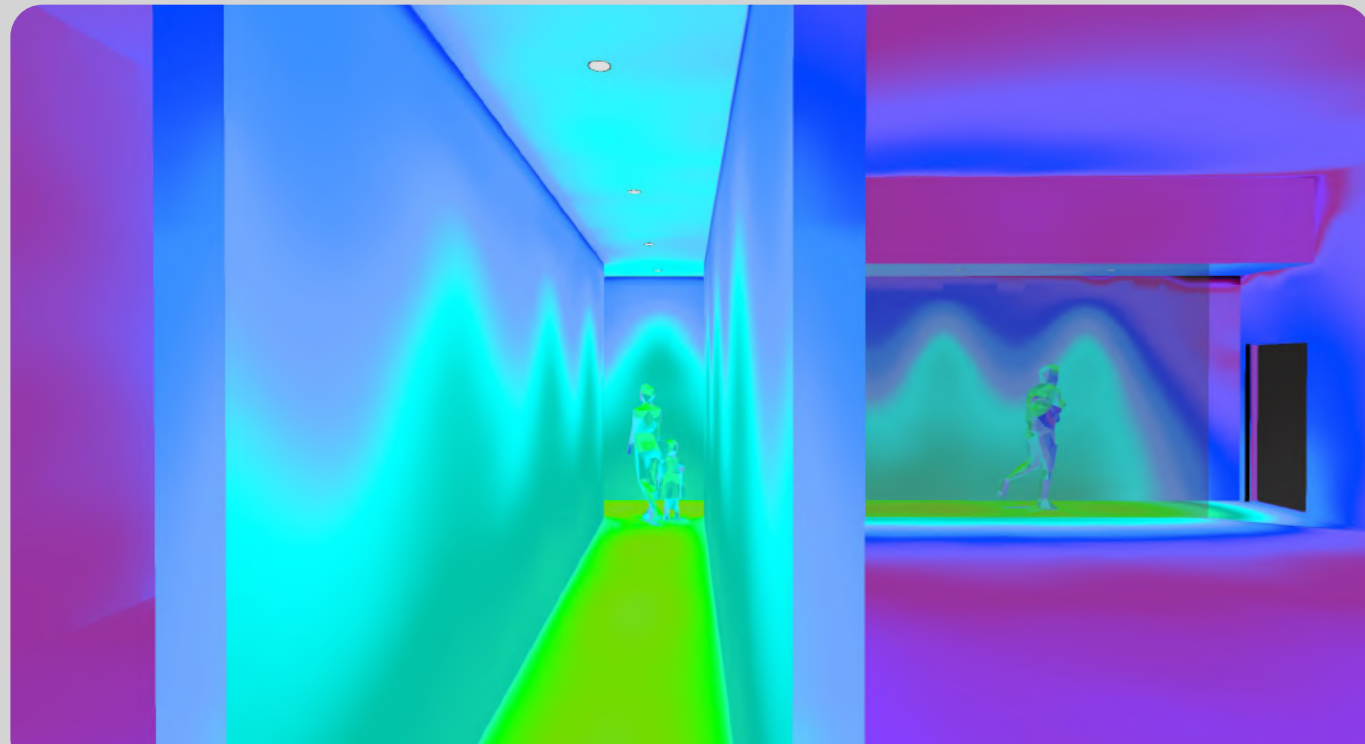


POSITIONING TABLE AREA WASHER 3000K Ra98			①
(h) Height wall	(a) Distance from wall	(b) Distance between fixtures	
<b>h</b>	<b>a = 0,3 x h</b>	<b>b = 1,3 x a</b>	
Verification AWW Compact			Uniformity
4m	1,2m	1,6m	<b>0,71</b>

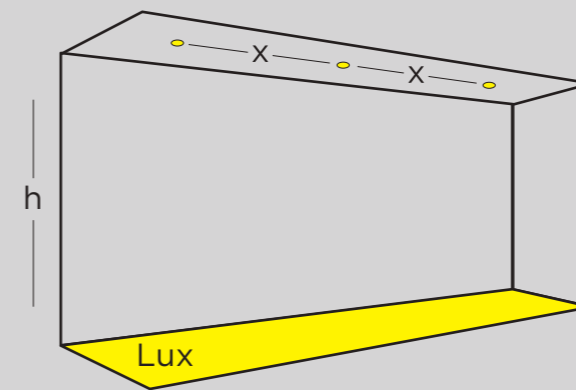
POSITIONING TABLE GRAZING WASHER 3000K Ra98			②
(h) Height wall	(a) Distance from wall	(b) Distance between fixtures	
<b>h</b>	<b>a = 0,3 x h</b>	<b>b = a</b>	
Verification GWW Medium			Uniformity
4m	1,2m	1,2m	<b>0,72</b>

# Elliptical Light Low Contrast optics

An example of great energy savings. **Low Contrast elliptical optics**, calculated within the preferred arrangement formula, highlights how by using a product every two meters (at 3m height) it is possible to obtain 150 lux while conforming to a uniformity of 0.6 and an absorption of 2.1w / sqm.



N°9 DARK MAX Fix Low Contrast ENF  
(elliptical Narrow Flood) optic from 5.3W



### Sensing data

- 3000K
- Ra92
- UGR<19

UNIF. > 0,6

POSITIONING TABLE						
MODEL			POWER	h= 3m		
				100Lx	150Lx	250Lx
LOW CONTRAST	MAX	LCENF	3,1W	x= 2m		
			4,7W		x= 2m	
			8,1W			x= 2m
W/mq			1,4	2,1	3,6	

## Attention to Detail

One of the unique features of Dark is the new 'anti slot' system which, using a movable membrane, it protects the view of the interior of the false ceiling, giving the adjustable version a flawless clean design even in the position of maximum inclination.



# DARK Fix

**Family of fixed trim and trimless spotlights for professional recessed lighting, designed to achieve maximum performance in the smallest size, optimizing the excellent characteristics of the new Revo optical system, allowing extraordinary performances and precise projection.**

The Dark family in its entirety stands out for its very high visual comfort and for the high performance Lux / Watt ratio it manages to deliver while maintaining comparable power and size ratios.

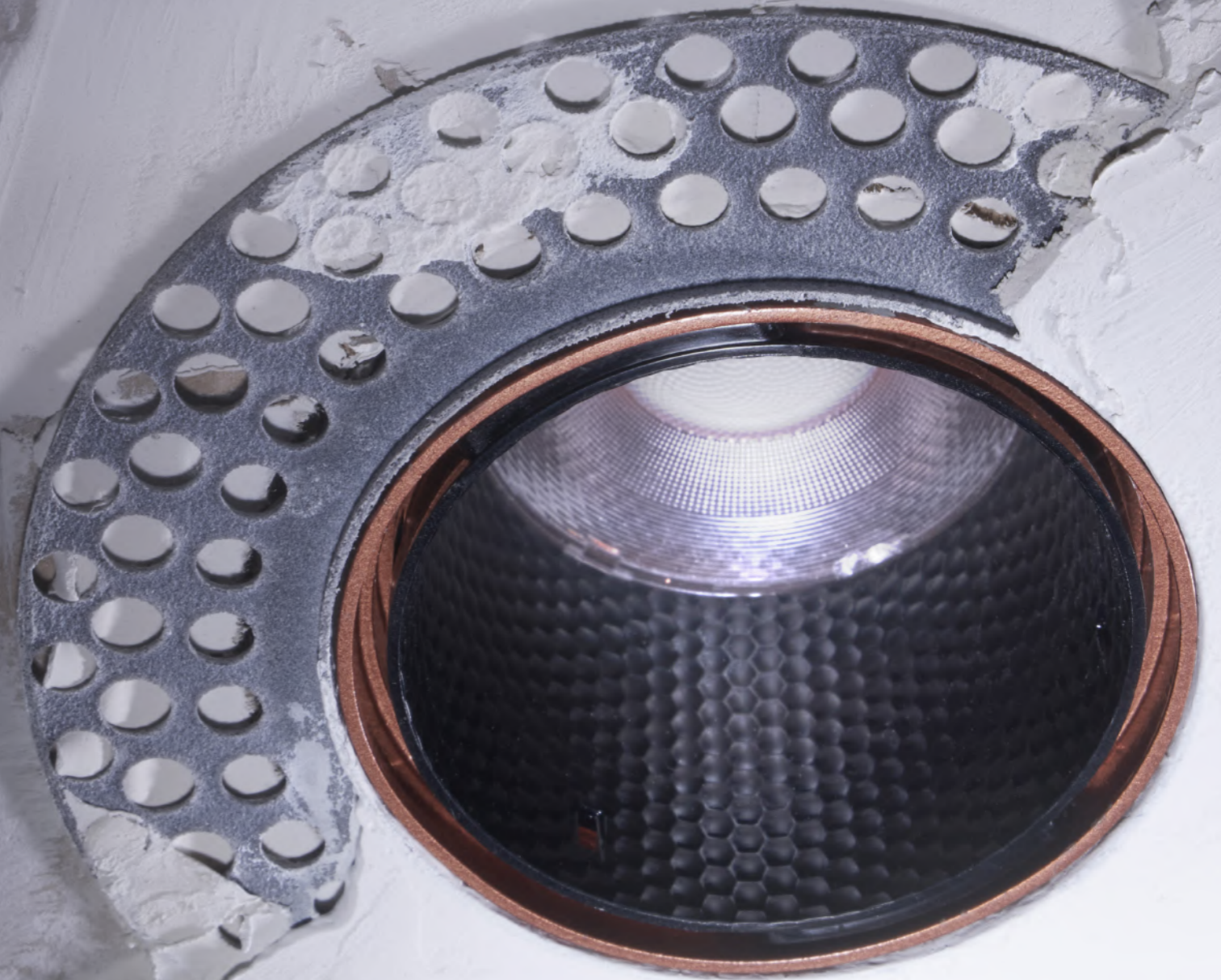
Available in single and multiple square and round, linear or angular versions, it offers a wide range of options and configurations.

Dedicated to advanced lighting design, the new Dark optical systems are particularly suitable for settings where precision lighting is crucial, along with visual comfort and energy saving requirements.

Available in five sizes, 7 rotosymmetrical optical variants per model, and 3 asymmetrical wall Washers in the Medium, Compact and Max versions.

The Dark collection offers the Lighting Designer a minimal and highly efficient tool for any design requirement with a high technical and qualitative content.

The square and multi-optical versions are configured with aggregating frames in 3D printing in white or black, a wide range of snap-on accessories allows for aesthetic and performance customizations.



## DARK Tilt

Each model is equipped with a unique 'anti-slot' system designed to avoid the visibility of the void space, allows us to achieve great aesthetic cleanliness and rigorous design in all directions.

The Dark family in all its versions stands out for its very high visual comfort and for the Lux / Watt ratio it manages to deliver while maintaining comparable power and size ratios.

The adjustable versions guarantee orientations up to 40 ° of inclination without any deformation of the beam or projection decreases.

Available in five sizes, 7 rotosymmetrical optical variants per model, and 3 wall Washers in the Medium, Compact and Max versions.

The Dark collection offers the Lighting Designer a minimal and highly efficient tool for any design requirement with a high technical and qualitative content.

The square and multi-optical versions are configured with aggregating frames in 3D printing in white or black, a wide range of snap-on accessories allows for aesthetic and performance customizations.



# Features

## TECHNICAL CHARACTERISTICS

The Lux / Watt ratio supplied makes it one of the least energy-intensive products in its category.

The performance-to-size ratio of Dark makes it one of the smallest instruments on the market offering optical qualities of the highest value. The mini, small and medium versions have 'fast set' springs as standard for quick insertion of the product into the plasterboard for ease of installation. The adjustable version comes standard with the new 'anti-slot' system designed to avoid visibility of the soffit in any direction. It features a graduated slider to pre-set your aim precisely. To further aid the precision of the product, it has mechanical locking points on the two axes.

## THE VERSIONS

Available in 5 fixed and 5 adjustable sizes in trim and trimless versions, with single and multi-optics, circular or quadrangular, linear and square. The Mini version also offers a triple angular conformation for both a bold visual and technical result. The multi-use of the many solutions proposed in the system allows Dark's technical contents to be transformed into creative and original lighting solutions. The multiple models and all versions are made up of an aesthetic frame are available in a variety of standard and non-standard colour finishes.

## THE OPTICAL POSSIBILITIES

The recessed Dark are offered in temperatures 2700k, 3000k, 3500k, 4000k high colour rendering RA 92 or 98 and LED source selection within 2 SDCM, with average coefficients UGR <10. The optical possibilities offer 5 high-definition rotosymmetrical optics from 15° to 50°, 2 highly homogeneous distribution optics and 2 asymmetrical Grazing Washer and Area Washer optics.

## VISUAL COMFORT

The defining quality of the Dark family is precisely its discretion in the environment and compliance with the highest standards of visual comfort.

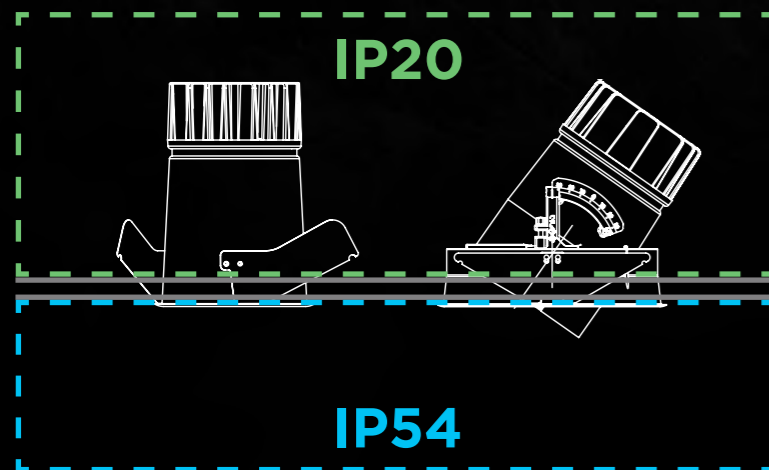
The roto-symmetrical Dark versions boast UGR <10 coefficients within the parameters of Dark lighting, while the asymmetrical wall washers are equipped with a specific optical profiler designed to protect against glare and unwanted visual occurrences.

## Even more resistant

The Dark recessed family, in its fixed and adjustable versions, is available with an **IP54 certification on the exposed part and IP20 in the internal ceiling area.**

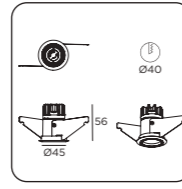
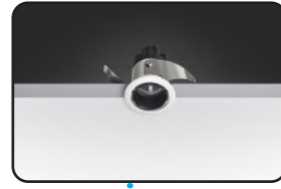
This upgrade ensures effective protection against dust and water splashes, making Dark a safe and durable solution.

Ideal for humid environments and high-traffic areas, it is perfect for applications exposed to weather conditions and frequent passage.



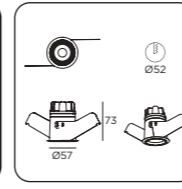
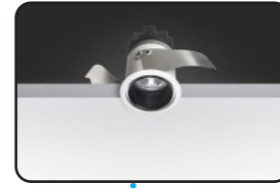
# The DARK Fix range

## DARK MINI FIX



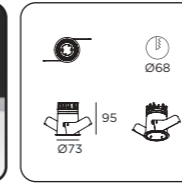
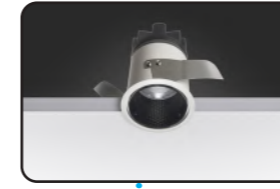
IP54 IP20

## DARK SMALL FIX



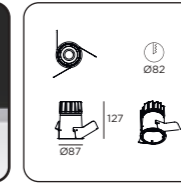
IP54 IP20

## DARK MEDIUM FIX



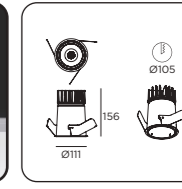
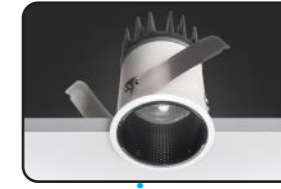
IP54 IP20

## DARK COMPACT FIX



IP54 IP20

## DARK MAX FIX



IP54 IP20

	DARK MINI FIX		DARK SMALL FIX		DARK MEDIUM FIX		DARK COMPACT FIX		DARK MAX FIX	
<b>VERSION</b>	1x	2x	1x	2x	1x		1x		1x	
	3x SQUARE	4x	2x2 SQUARE							
<b>FRAME</b>	ROUND	SQUARE	ROUND	SQUARE	ROUND	SQUARE	ROUND	SQUARE	ROUND	SQUARE
<b>TYPE</b>	TRIM	TRIMLESS	TRIM	TRIMLESS	TRIM	TRIMLESS	TRIM	TRIMLESS	TRIM	TRIMLESS
<b>CRI</b>	92	98	92	98	92	98	92	98	92	98
<b>LIGHT SHADES</b>	2700K	3500K	2700K	3500K	2700K	3500K	2700K	3500K	2700K	3500K
	3000K	4000K	3000K	4000K	3000K	4000K	3000K	4000K	3000K	4000K
<b>REVO OPTICS</b>	<ul style="list-style-type: none"> <li>Narrow Spot</li> <li>Elliptical Narrow Spot</li> <li>Spot</li> </ul>	<ul style="list-style-type: none"> <li>Narrow Flood</li> <li>Flood</li> </ul>	<ul style="list-style-type: none"> <li>Narrow Spot</li> <li>Elliptical Narrow Spot</li> <li>Spot</li> <li>Narrow Flood</li> </ul>	<ul style="list-style-type: none"> <li>Flood</li> <li>Wide Flood</li> <li>Elliptical Wide Flood</li> </ul>	<ul style="list-style-type: none"> <li>Narrow Spot</li> <li>Elliptical Narrow Spot</li> <li>Spot</li> <li>Narrow Flood</li> </ul>	<ul style="list-style-type: none"> <li>Flood</li> <li>Wide Flood</li> <li>Elliptical Wide Flood</li> </ul>	<ul style="list-style-type: none"> <li>Narrow Spot</li> <li>Elliptical Narrow Spot</li> <li>Spot</li> <li>Narrow Flood</li> </ul>	<ul style="list-style-type: none"> <li>Flood</li> <li>Wide Flood</li> <li>Elliptical Wide Flood</li> </ul>	<ul style="list-style-type: none"> <li>Narrow Spot</li> <li>Elliptical Narrow Spot</li> <li>Spot</li> <li>Narrow Flood</li> </ul>	<ul style="list-style-type: none"> <li>Flood</li> <li>Wide Flood</li> <li>Elliptical Wide Flood</li> </ul>
<b>LOW CONTRAST OPTICS</b>					<ul style="list-style-type: none"> <li>Grazing Washer</li> <li>Area Washer</li> </ul>	<ul style="list-style-type: none"> <li>LC Flood</li> <li>LC Wide Flood</li> </ul>	<ul style="list-style-type: none"> <li>Grazing Washer</li> <li>Area Washer</li> </ul>	<ul style="list-style-type: none"> <li>LC Flood</li> <li>LC Wide Flood</li> </ul>	<ul style="list-style-type: none"> <li>Grazing Washer</li> <li>Area Washer</li> <li>LC Flood</li> </ul>	<ul style="list-style-type: none"> <li>LC Wide Flood</li> <li>LC Ell. Narrow Flood</li> </ul>
<b>CONTROL *</b>	ON/OFF	PUSH	ON/OFF	PUSH	ON/OFF	PUSH	ON/OFF	PUSH	ON/OFF	PUSH
	1-10V	CASAMBI	1-10V	CASAMBI	1-10V	CASAMBI	1-10V	CASAMBI	1-10V	CASAMBI
	DALI	PHASE CUT	DALI	PHASE CUT	DALI	PHASE CUT	DALI	PHASE CUT	DALI	PHASE CUT
<b>FINISHING</b>	Matt white txt	Gold txt	Matt white txt	Gold txt	Matt white txt	Gold txt	Matt white txt	Gold txt	Matt white txt	Gold txt
	Matt black txt	Copper txt	Matt black txt	Copper txt	Matt black txt	Copper txt	Matt black txt	Copper txt	Matt black txt	Copper txt
	Concrete grey		Concrete grey		Concrete grey		Concrete grey		Concrete grey	
<b>EMERGENCY</b>			EMERGENCY 1h		EMERGENCY 1h		EMERGENCY 1h		EMERGENCY 1h	
<b>OPTICAL ACCESSORIES</b>	Honeycomb	Elliptical filter	Honeycomb	Elliptical filter	Honeycomb	Elliptical filter	Honeycomb	Elliptical filter	Honeycomb	Elliptical filter
					Diffusing filter		Diffusing filter		Diffusing filter	

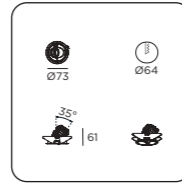
\* Remote driver

[Click here and configure your product](#)



# The DARK Tilt range

## DARK MINI TILT



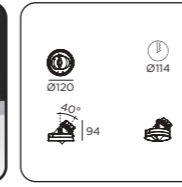
IP54 IP20  $\triangleleft$   $\nabla$   $\curvearrowright$   $\equiv$   $\sqcap$   
60° 5+18 71

## DARK SMALL TILT



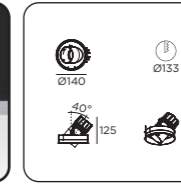
IP54 IP20  $\triangleleft$   $\nabla$   $\curvearrowright$   $\equiv$   $\sqcap$   
60° 5+18 85

## DARK MEDIUM TILT



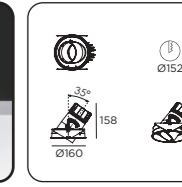
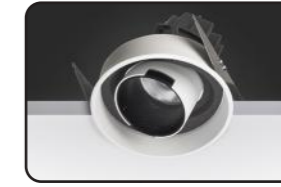
IP54 IP20  $\triangleleft$   $\nabla$   $\curvearrowright$   $\equiv$   $\sqcap$   
60° 5+18 105

## DARK COMPACT TILT



IP54 IP20  $\triangleleft$   $\nabla$   $\curvearrowright$   $\equiv$   $\sqcap$   
60° 5+18 137

## DARK MAX TILT



IP54 IP20  $\triangleleft$   $\nabla$   $\curvearrowright$   $\equiv$   $\sqcap$   
60° 5+18 166

### VERSION

1x	2x	1x	2x
3x SQUARE	4x	2x2 SQUARE	

### FRAME

ROUND	SQUARE	ROUND	SQUARE
-------	--------	-------	--------

### TYPE

TRIM	TRIMLESS	TRIM	TRIMLESS
------	----------	------	----------

### CRI

92	98	92	98
----	----	----	----

### LIGHT SHADES

2700K	3500K	2700K	3500K
3000K	4000K	3000K	4000K

### REVO OPTICS

• Very Narrow Spot	• Spot	• Very Narrow Spot	• Narrow Flood
• Narrow Spot	• Narrow Flood	• Narrow Spot	• Flood
• Elliptical Narrow Spot	• Flood	• Elliptical Narrow Spot	• Wide Flood
• Spot	• Elliptical Wide Flood	• Spot	• Elliptical Wide Flood

### LOW CONTRAST OPTICS

Grazing Washer	Area Washer	Grazing Washer	Area Washer	Grazing Washer	Area Washer
----------------	-------------	----------------	-------------	----------------	-------------

### CONTROL \*

ON/OFF	PUSH	ON/OFF	PUSH	ON/OFF	PUSH	ON/OFF	PUSH	ON/OFF	PUSH
1-10V	CASAMBI	1-10V	CASAMBI	1-10V	CASAMBI	1-10V	CASAMBI	1-10V	CASAMBI
DALI	PHASE CUT	DALI	PHASE CUT	DALI	PHASE CUT	DALI	PHASE CUT	DALI	PHASE CUT

### FINISHING

Matt white txt	Gold txt	Matt white txt	Gold txt	Matt white txt	Gold txt	Matt white txt	Gold txt	Matt white txt	Gold txt
Matt black txt	Copper txt	Matt black txt	Copper txt	Matt black txt	Copper txt	Matt black txt	Copper txt	Matt black txt	Copper txt
Concrete grey		Concrete grey		Concrete grey		Concrete grey		Concrete grey	

### EMERGENCY

EMERGENCY 1h	EMERGENCY 1h	EMERGENCY 1h	EMERGENCY 1h	EMERGENCY 1h
--------------	--------------	--------------	--------------	--------------

### OPTICAL ACCESSORIES

Visor	Elliptical lens	Visor	Elliptical lens	Visor	Diffusing glass	Visor	Diffusing glass	Visor	Diffusing glass
Snoot	Honeycomb	Snoot	Honeycomb	Snoot	Honeycomb	Snoot	Honeycomb	Snoot	Honeycomb
				Elliptical lens	Primary ring	Elliptical lens	Primary ring	Elliptical lens	Primary ring

\* Remote driver

[Click here and configure your product](#)

