

DARK






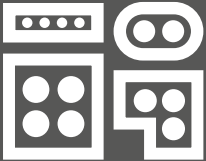


exenia
LMP3

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.

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

Visual and sensory comfort

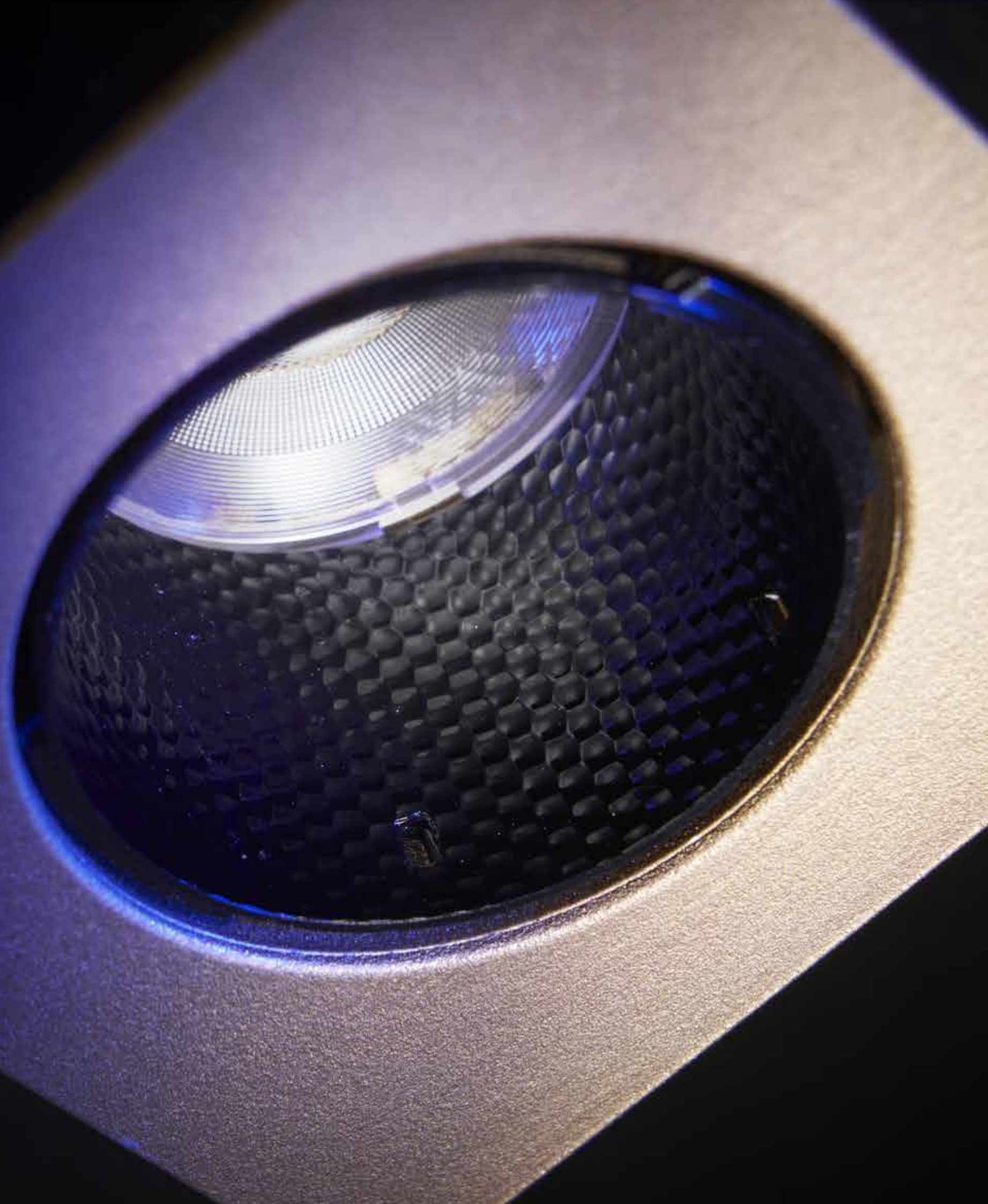
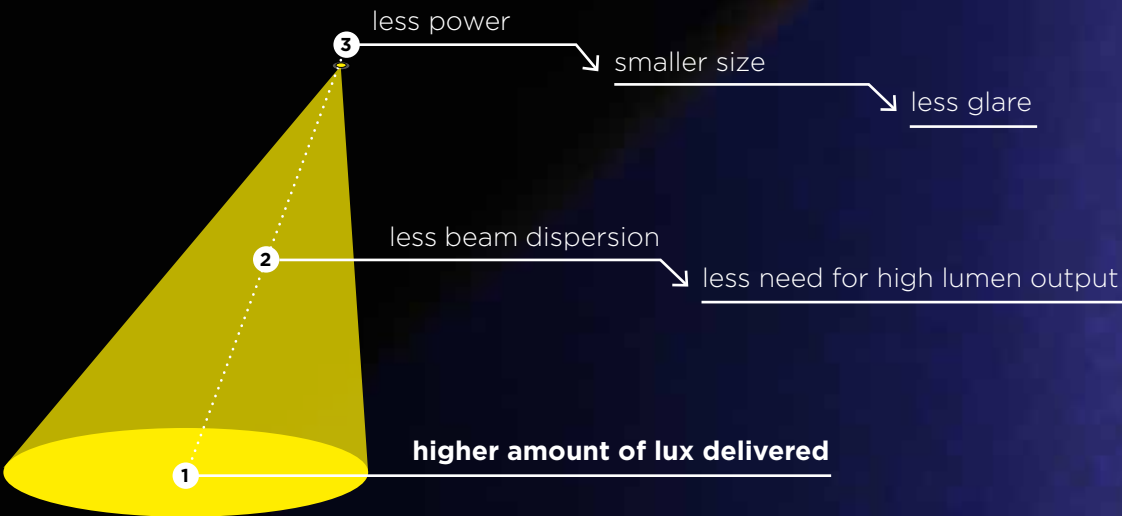
Very low UGR values and new low contrast lenses make Dark a fully refined and universal tool, designed to deliver lighting solutions with minimal distortions and highly professional optical results.



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.

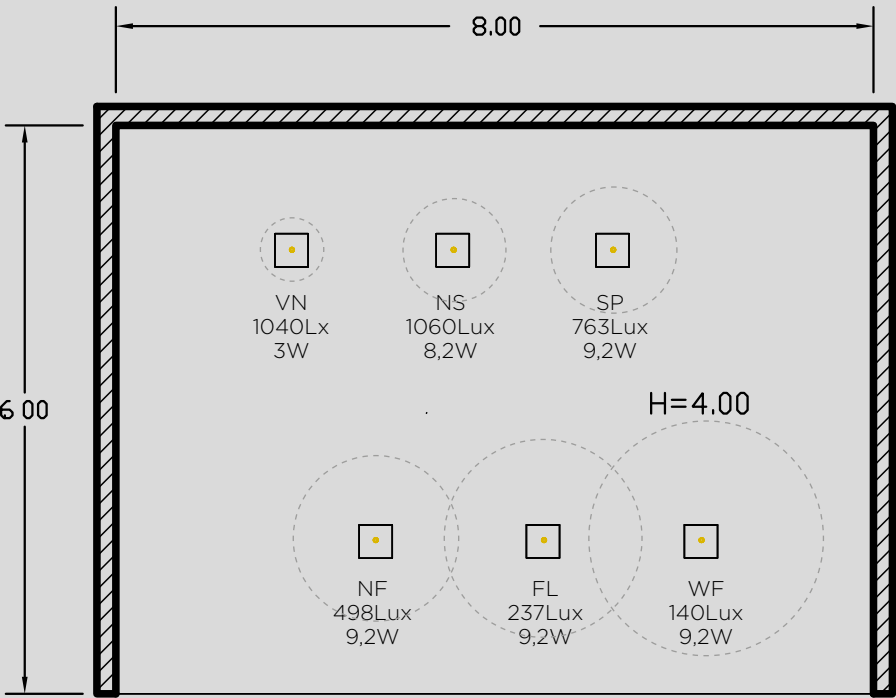
ELLIPTICAL

solution for homogeneous longitudinal distributions in paths and corridors.

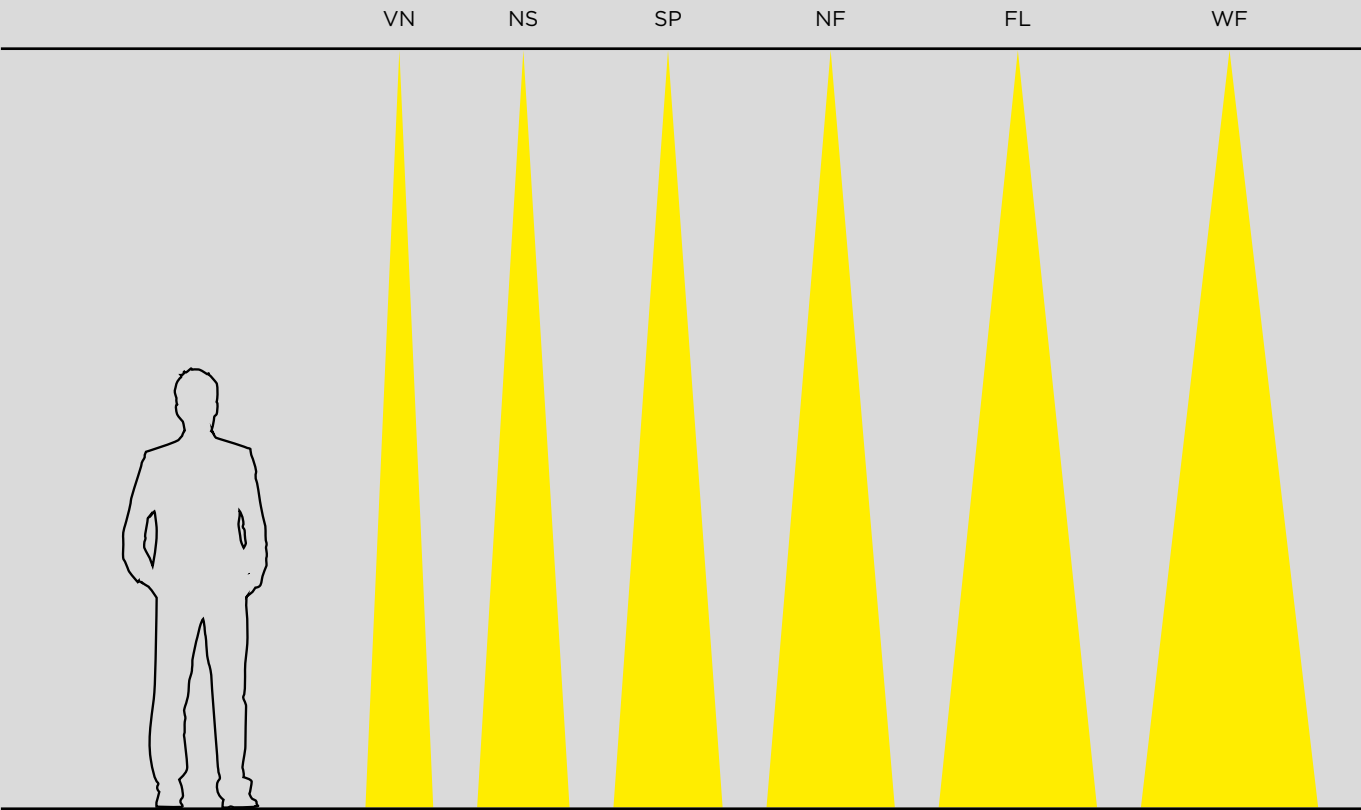
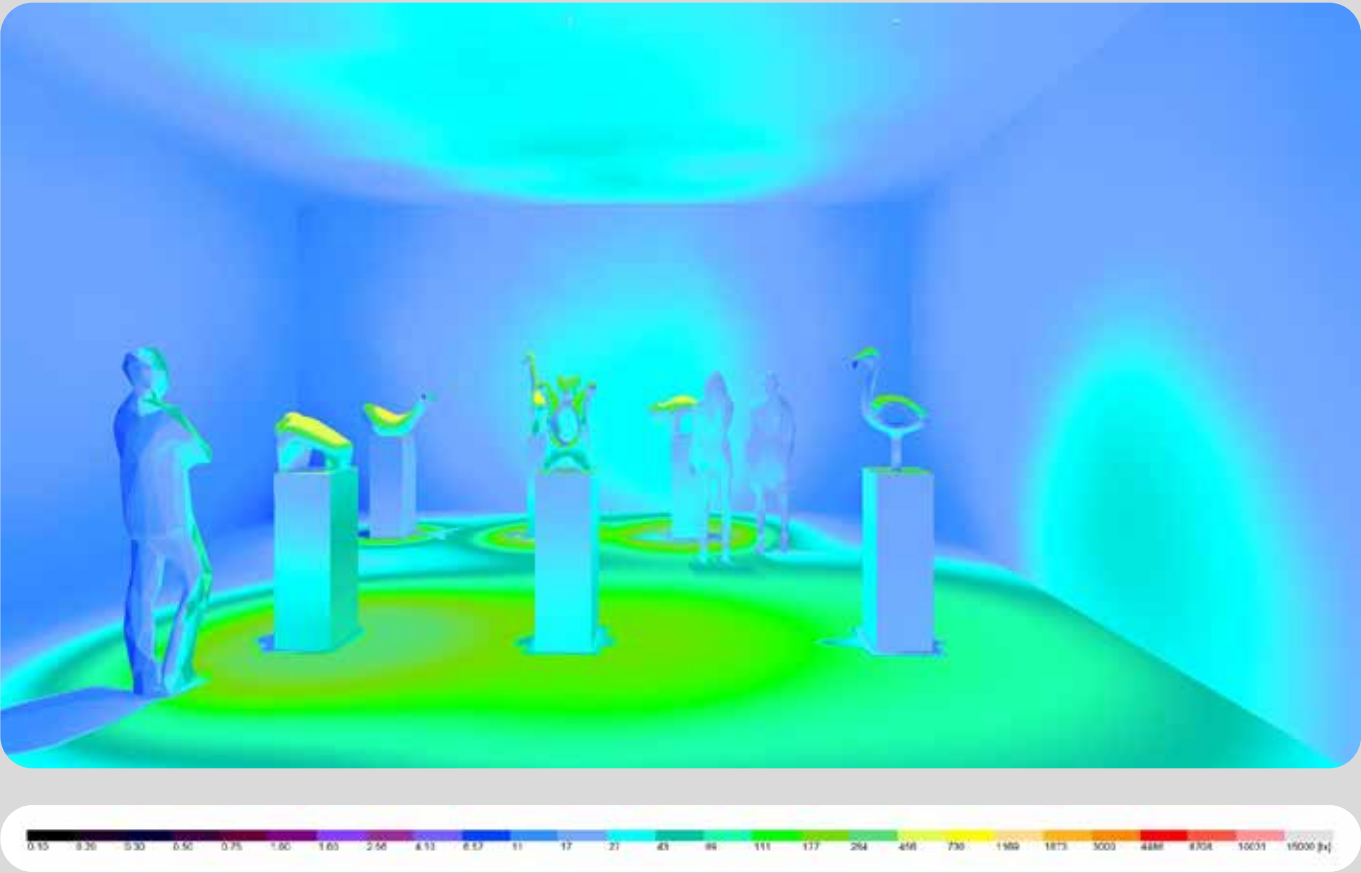


Accent Light Revo optics

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.

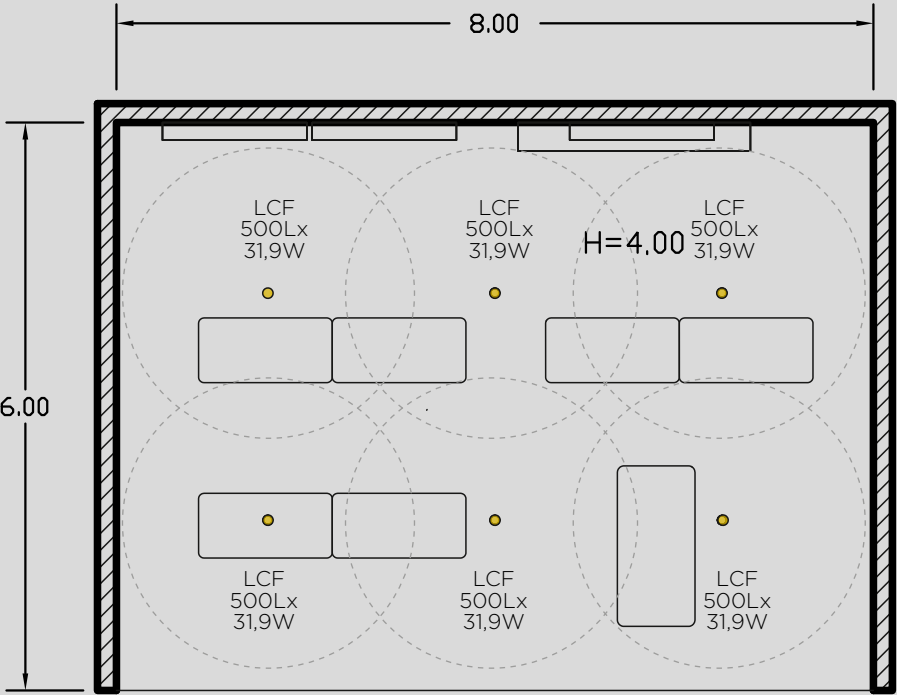


N°6 DARK Small Tilt
optics: VN - NS - SP - NF - FL - WF

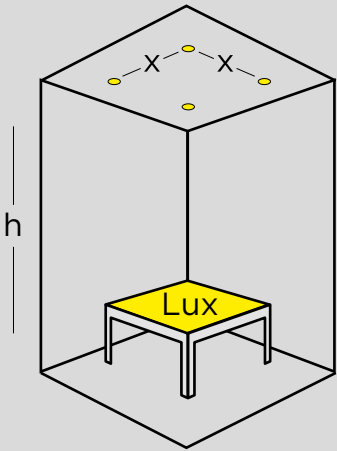
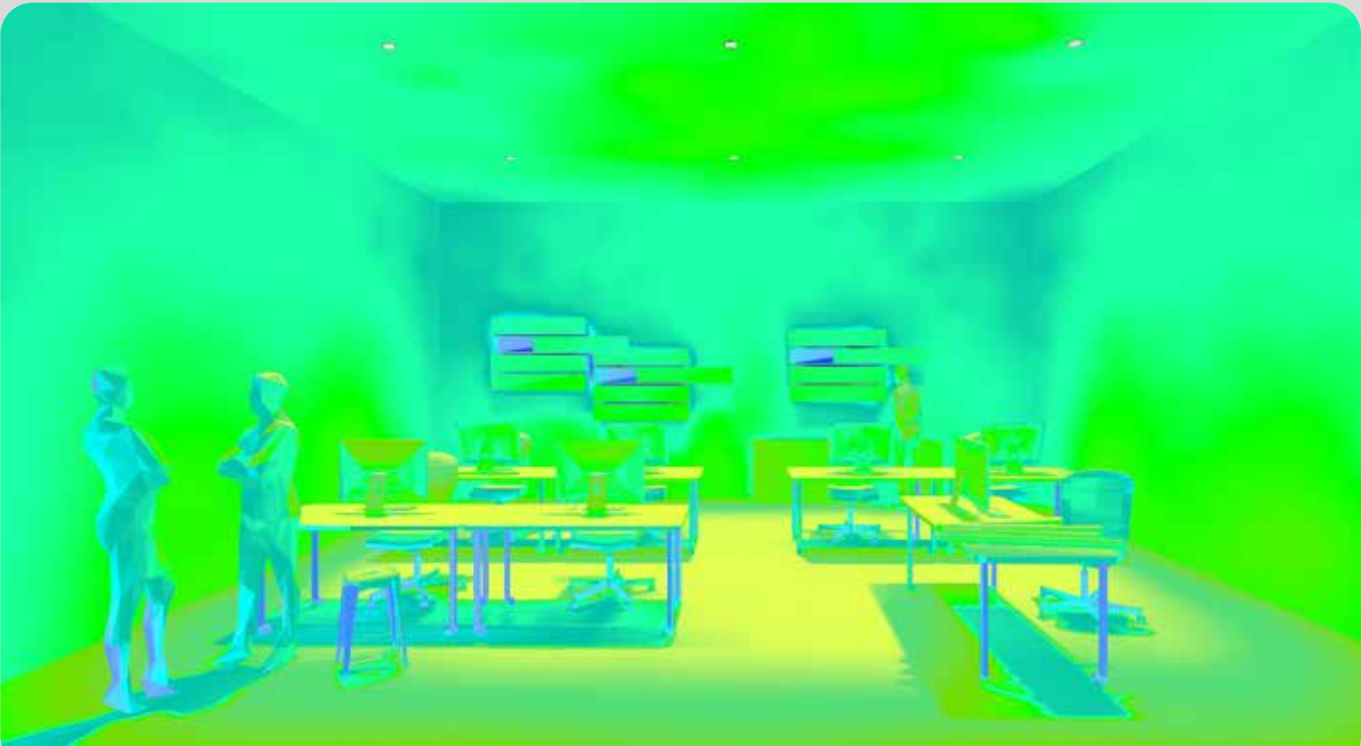


General Light Low Contrast optics

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



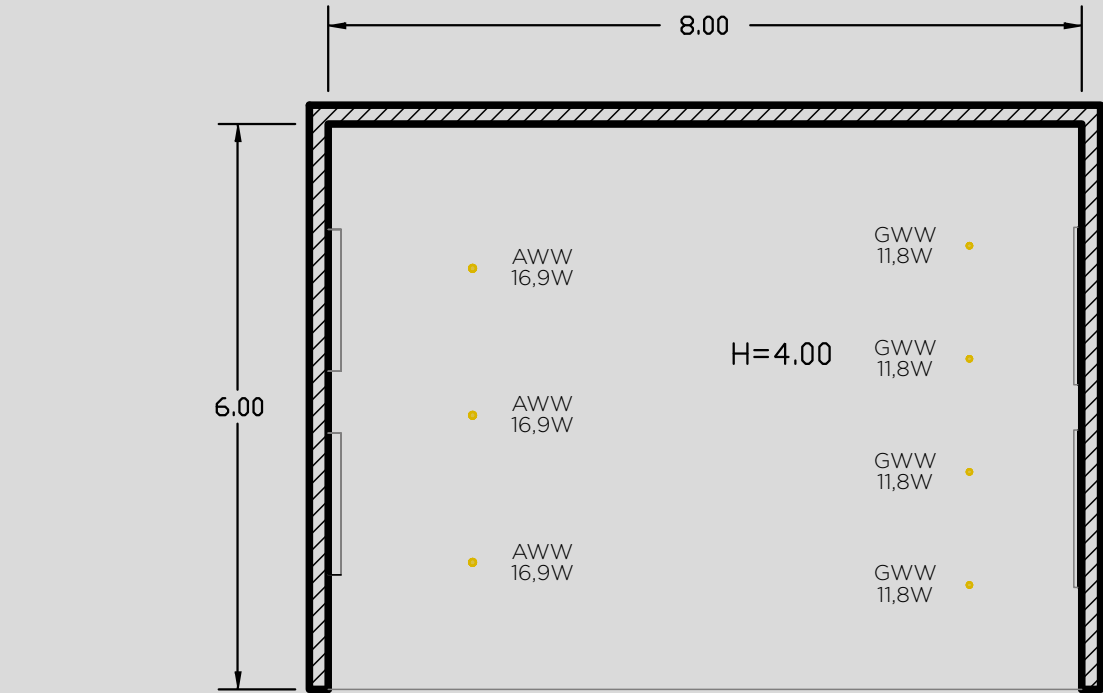
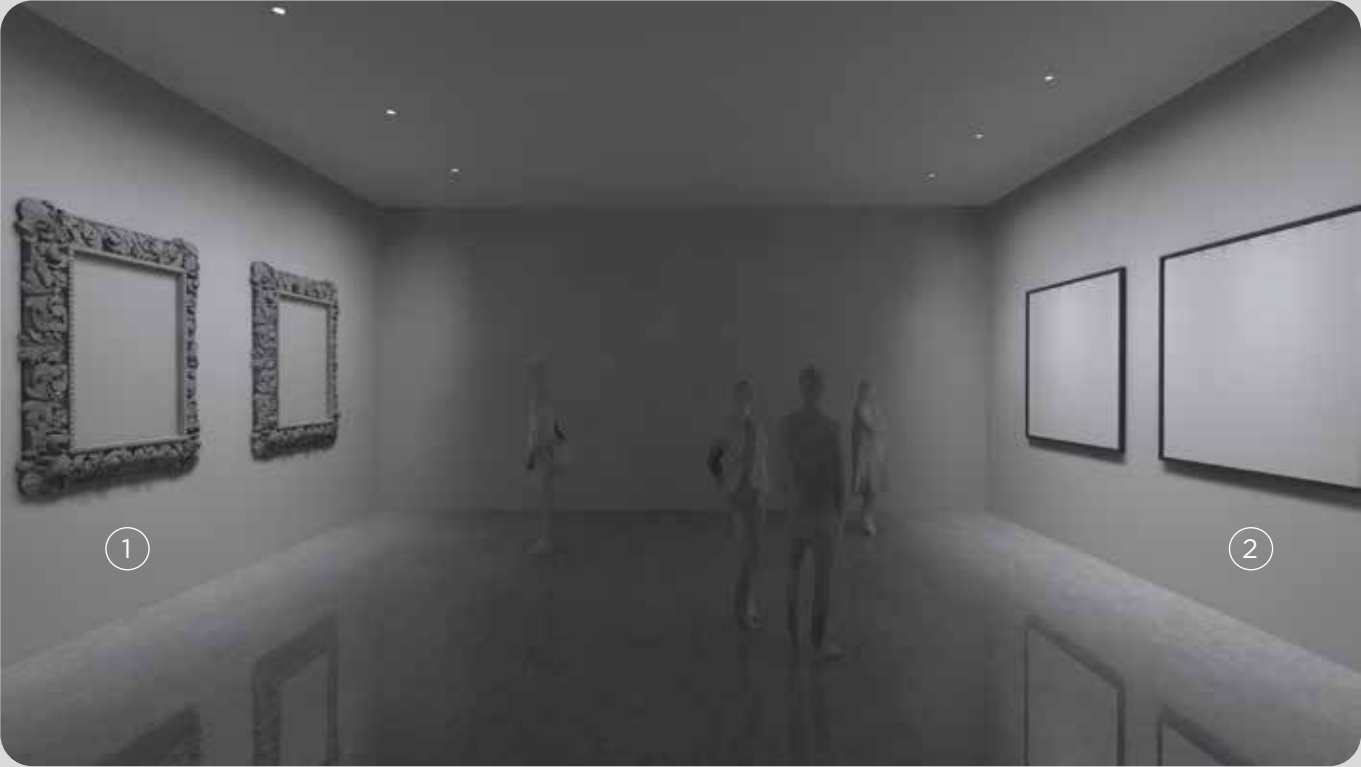
Sensing data
- 3000K
- Ra92
- UGR<19
- Calculation surface
0.8m from the ground
UNIF. > 0,7

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					
			16,8W				x=1,9m				
			24,2W							x=2,7m	
		FL	31,9W								x=2,4m
			W/mq	1,7	2,1	3,2	5,5	2,0	2,6	3,7	6,2

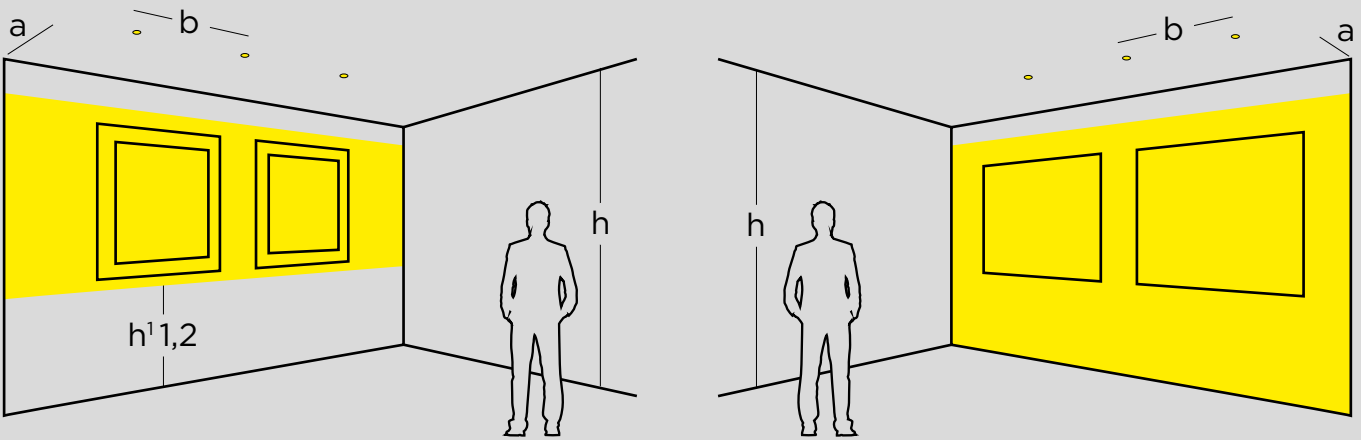
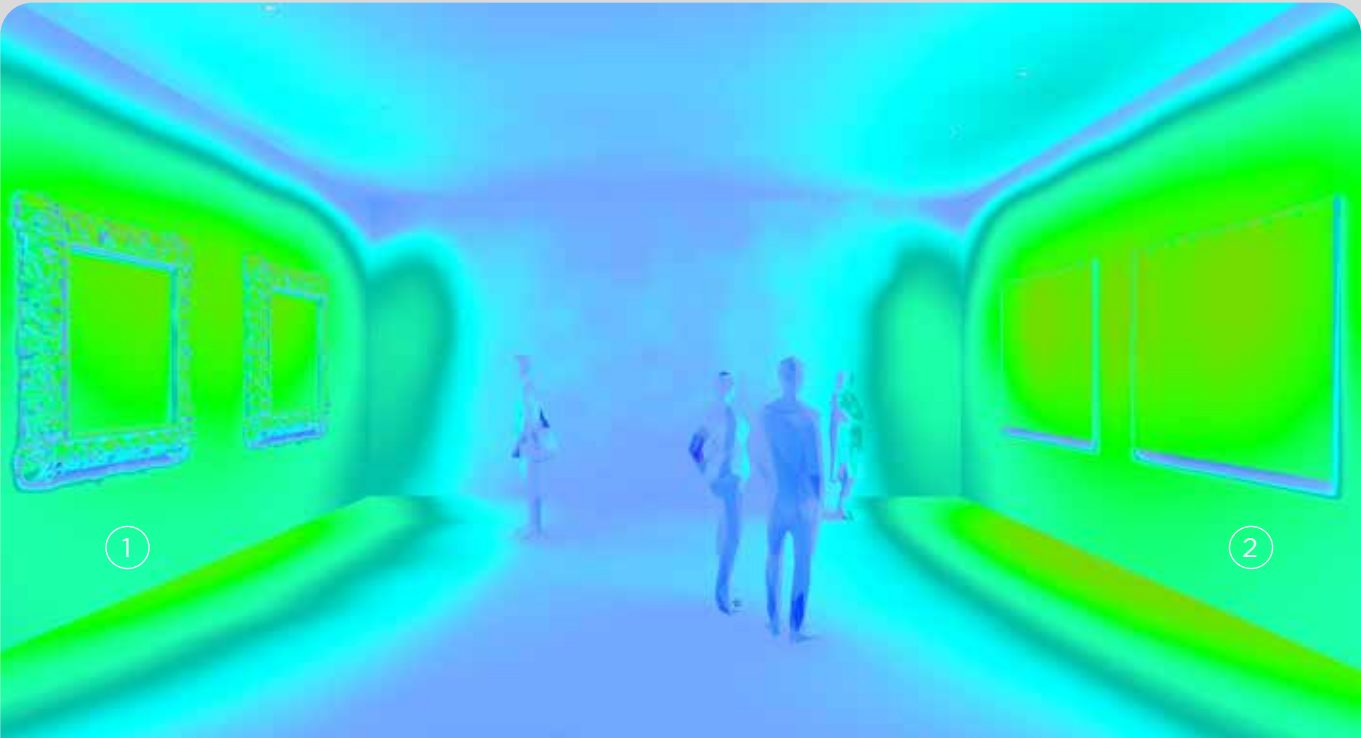
POSITIONING TABLE h 6 / 8m												
MODEL			POWER	h=5m				h=6m			h=8m	
				150Lx	200Lx	300Lx	500Lx	100Lx	200Lx	300Lx	200Lx	300Lx
LOW CONTRAST	MEDIUM	WF	5,4W									
		FL	13,2W									
	COMPACT	WF	8,2W									
		FL	17,3W	x=3m								
	MAX	WF	11,5W									
			16,8W									
			24,2W		x=3,3m							
			31,9W			x=3m	x=2,4m	x=4,2m	x=3,7m	x=3m	x=3,6m	x=2,6m
			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

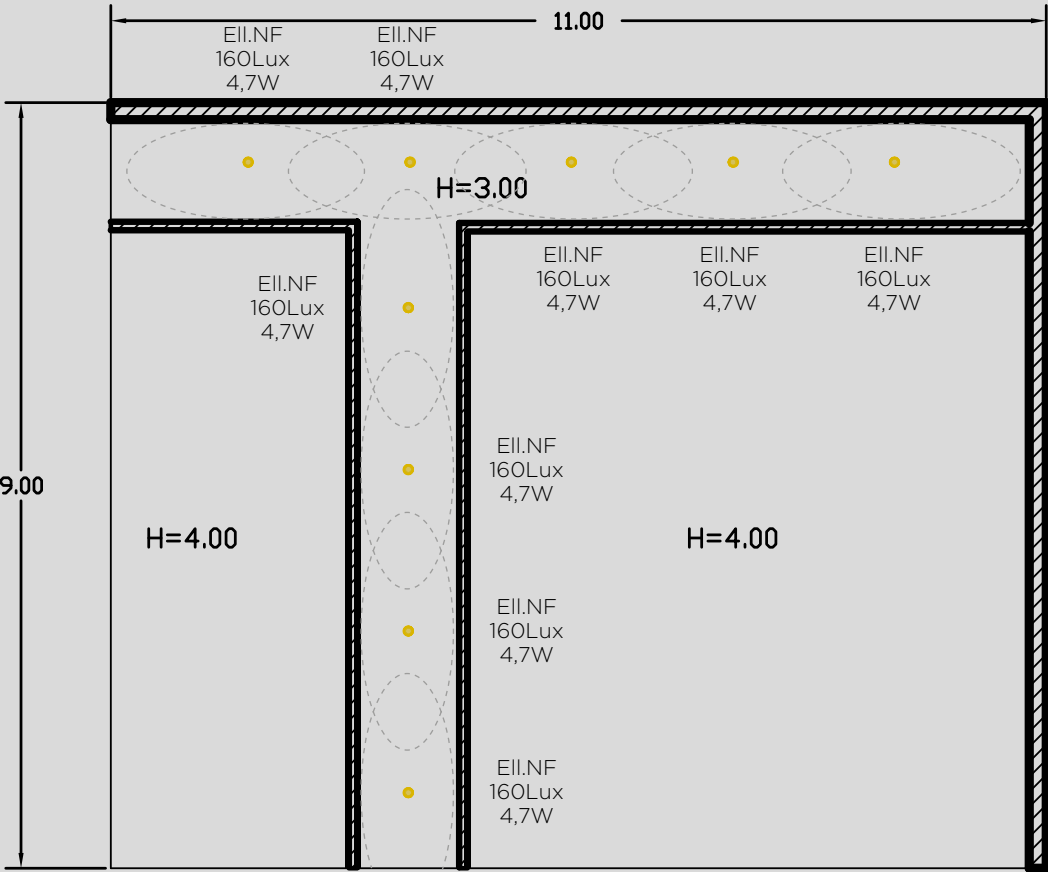
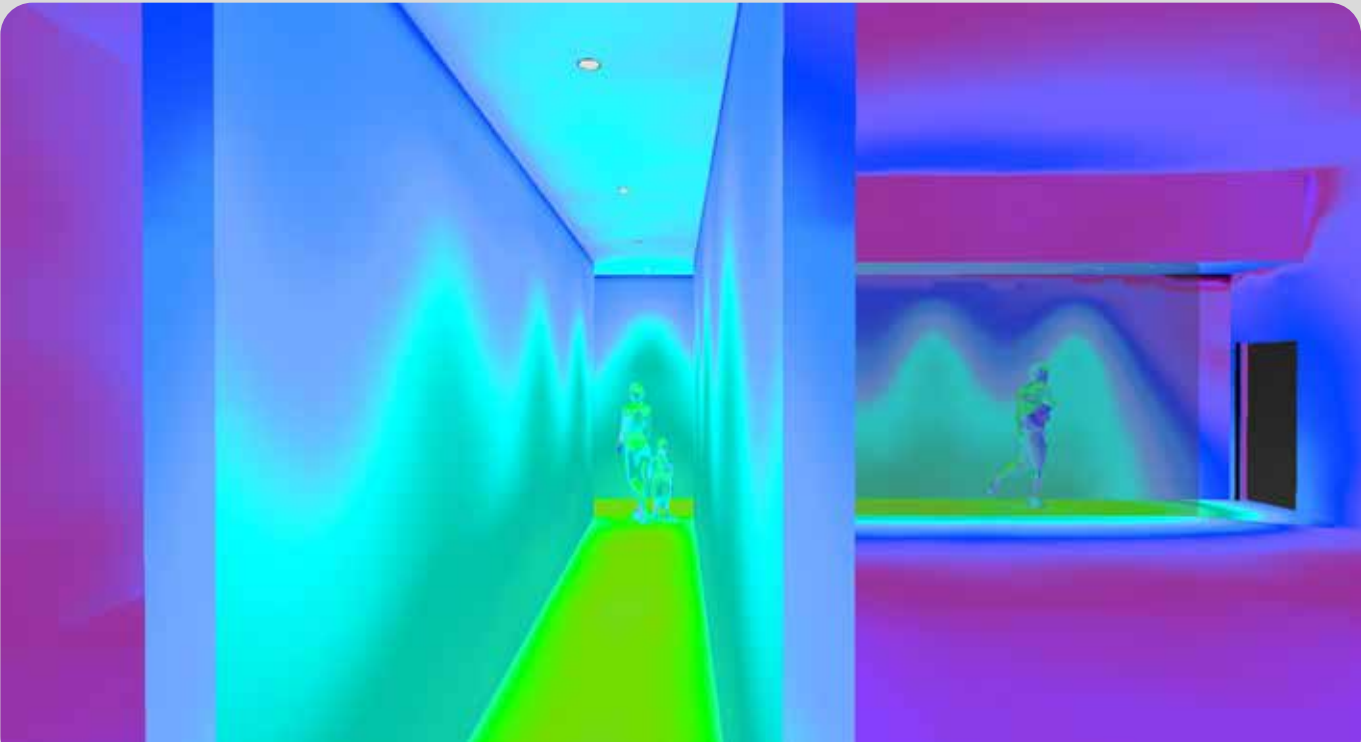


POSITIONING TABLE AREA WASHER 3000K Ra98			①
(h) Height wall	(a) Distance from wall	(b) Distance between fixtures	
h	a= 0,3 x h	b= 1,3 x a	
Verification AWW Compact			Uniformity
4m	1,2m	1,6m	0,71

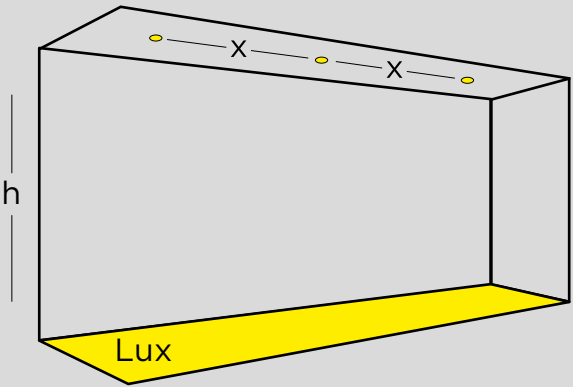
POSITIONING TABLE GRAZING WASHER 3000K Ra98			②
(h) Height wall	(a) Distance from wall	(b) Distance between fixtures	
h	a= 0,3 x h	b= a	
Verification GWW Medium			Uniformity
4m	1,2m	1,2m	0,72

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 with ‘Cross-Beam’ technology, 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

A family of trim and trimless adjustable spotlights for professional recessed lighting, designed to achieve maximum performance in the smallest size, it optimizes the excellent characteristics of the new Revo optical system with ‘Cross-Beam’ technology, allowing extraordinary performances and precise projection.

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


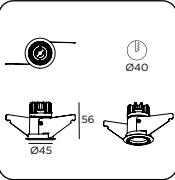

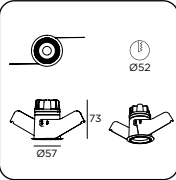

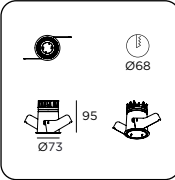

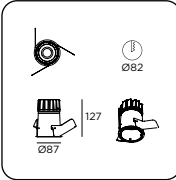

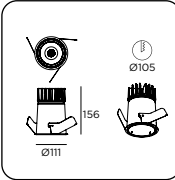
The recessed Dark are offered in temperatures 2700k, 3000k, 4000k high colour rendering RA 92 or 98 and LED source selection within 2 SDCM, with average coefficients UGR <10. The optical possibilities offer 5 high-definition rotosymmetrical optics from 15° to 50°, 2 highly homogeneous distribution optics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




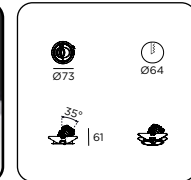





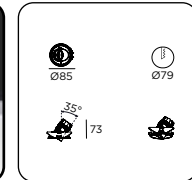





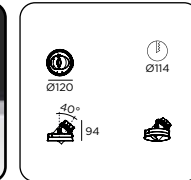





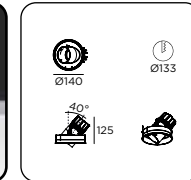





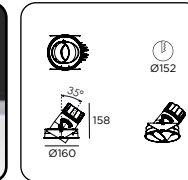


The roto-symmetrical Dark versions boast UGR <10 coefficients within the parameters of Dark lighting, while the asymmetrical wall washers are equipped with a specific optical profiler designed to protect against glare and unwanted visual occurrences.

The DARK Fix range

	DARK MINI FIX		DARK SMALL FIX		DARK MEDIUM FIX		DARK COMPACT FIX		DARK MAX FIX	
	<div><div></div></div>		<div><div></div></div>		<div><div></div></div>		<div><div></div></div>		<div><div></div></div>	
VERSION	1x 3x SQUARE	2x 4x	1x 2x2 SQUARE	2x	1x		1x		1x	
FRAME	ROUND	SQUARE	ROUND	SQUARE	ROUND	SQUARE	ROUND	SQUARE	ROUND	SQUARE
TYPE	TRIM	TRIMLESS	TRIM	TRIMLESS	TRIM	TRIMLESS	TRIM	TRIMLESS	TRIM	TRIMLESS
CRI	92	98	92	98	92	98	92	98	92	98
LIGHT SHADES	<div><div></div>2700K</div>	<div><div></div>3500K</div>	<div><div></div>2700K</div>	<div><div></div>3500K</div>	<div><div></div>2700K</div>	<div><div></div>3500K</div>	<div><div></div>2700K</div>	<div><div></div>3500K</div>	<div><div></div>2700K</div>	<div><div></div>3500K</div>
	<div><div></div>3000K</div>	<div><div></div>4000K</div>	<div><div></div>3000K</div>	<div><div></div>4000K</div>	<div><div></div>3000K</div>	<div><div></div>4000K</div>	<div><div></div>3000K</div>	<div><div></div>4000K</div>	<div><div></div>3000K</div>	<div><div></div>4000K</div>
REVO OPTICS	<div><div></div>Narrow Spot</div>	<div><div></div>Narrow Flood</div>	<div><div></div>Narrow Spot</div>	<div><div></div>Flood</div>	<div><div></div>Narrow Spot</div>	<div><div></div>Flood</div>	<div><div></div>Narrow Spot</div>	<div><div></div>Flood</div>	<div><div></div>Narrow Spot</div>	<div><div></div>Flood</div>
	<div><div></div>Elliptical Narrow Spot</div>	<div><div></div>Flood</div>	<div><div></div>Elliptical Narrow Spot</div>	<div><div></div>Wide Flood</div>	<div><div></div>Elliptical Narrow Spot</div>	<div><div></div>Wide Flood</div>	<div><div></div>Elliptical Narrow Spot</div>	<div><div></div>Wide Flood</div>	<div><div></div>Elliptical Narrow Spot</div>	<div><div></div>Wide Flood</div>
	<div><div></div>Spot</div>		<div><div></div>Spot</div>	<div><div></div>Elliptical Wide Flood</div>	<div><div></div>Spot</div>	<div><div></div>Elliptical Wide Flood</div>	<div><div></div>Spot</div>	<div><div></div>Elliptical Wide Flood</div>	<div><div></div>Spot</div>	<div><div></div>Elliptical Wide Flood</div>
	<div><div></div>Narrow Flood</div>		<div><div></div>Narrow Flood</div>		<div><div></div>Narrow Flood</div>		<div><div></div>Narrow Flood</div>		<div><div></div>Narrow Flood</div>	
LOW CONTRAST OPTICS					<div><div></div>Grazing Washer</div>	<div><div></div>LC Flood</div>	<div><div></div>Grazing Washer</div>	<div><div></div>LC Flood</div>	<div><div></div>Grazing Washer</div>	<div><div></div>LC Wide Flood</div>
					<div><div></div>Area Washer</div>	<div><div></div>LC Wide Flood</div>	<div><div></div>Area Washer</div>	<div><div></div>LC Wide Flood</div>	<div><div></div>Area Washer</div>	<div><div></div>LC Ell. Narrow Flood</div>
									<div><div></div>LC Flood</div>	
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	<div><div></div>Matt white txt</div>	<div><div></div>Gold txt</div>	<div><div></div>Matt white txt</div>	<div><div></div>Gold txt</div>	<div><div></div>Matt white txt</div>	<div><div></div>Gold txt</div>	<div><div></div>Matt white txt</div>	<div><div></div>Gold txt</div>	<div><div></div>Matt white txt</div>	<div><div></div>Gold txt</div>
	<div><div></div>Matt black txt</div>	<div><div></div>Copper txt</div>	<div><div></div>Matt black txt</div>	<div><div></div>Copper txt</div>	<div><div></div>Matt black txt</div>	<div><div></div>Copper txt</div>	<div><div></div>Matt black txt</div>	<div><div></div>Copper txt</div>	<div><div></div>Matt black txt</div>	<div><div></div>Copper txt</div>
	<div><div></div>Concrete grey</div>		<div><div></div>Concrete grey</div>		<div><div></div>Concrete grey</div>		<div><div></div>Concrete grey</div>		<div><div></div>Concrete grey</div>	
EMERGENCY			EMERGENCY 1h		EMERGENCY 1h		EMERGENCY 1h		EMERGENCY 1h	
OPTICAL ACCESSORIES	<div><div></div>Honeycomb</div>	<div><div></div>Elliptical filter</div>	<div><div></div>Honeycomb</div>	<div><div></div>Elliptical filter</div>	<div><div></div>Honeycomb</div>	<div><div></div>Elliptical filter</div>	<div><div></div>Honeycomb</div>	<div><div></div>Elliptical filter</div>	<div><div></div>Honeycomb</div>	<div><div></div>Elliptical filter</div>
	<div><div></div>Diffusing filter</div>		<div><div></div>Diffusing filter</div>		<div><div></div>Diffusing filter</div>		<div><div></div>Diffusing filter</div>		<div><div></div>Diffusing filter</div>	

* Remote driver

The DARK Tilt range

	DARK MINI TILT		DARK SMALL TILT		DARK MEDIUM TILT		DARK COMPACT TILT		DARK MAX TILT	
	<div><div><div><div>Ø73</div></div><div><div>61</div></div></div><div><div><div><div>Ø64</div></div><div><div>71</div></div></div></div></div>		<div><div><div><div>Ø85</div></div><div><div>73</div></div></div><div><div><div><div>Ø79</div></div><div><div>83</div></div></div></div></div>		<div><div><div><div>Ø120</div></div><div><div>94</div></div></div><div><div><div><div>Ø114</div></div><div><div>105</div></div></div></div></div>		<div><div><div><div>Ø140</div></div><div><div>125</div></div></div><div><div><div><div>Ø133</div></div><div><div>137</div></div></div></div></div>		<div><div><div><div>Ø152</div></div><div><div>158</div></div></div><div><div><div><div>Ø160</div></div><div><div>166</div></div></div></div></div>	
VERSION	1x 3x SQUARE	2x 4x	1x 2x2 SQUARE	2x	1x		1x		1x	
FRAME	ROUND	SQUARE	ROUND	SQUARE	ROUND	SQUARE	ROUND	SQUARE	ROUND	SQUARE
TYPE	TRIM	TRIMLESS	TRIM	TRIMLESS	TRIM	TRIMLESS	TRIM	TRIMLESS	TRIM	TRIMLESS
CRI	92	98	92	98	92	98	92	98	92	98
LIGHT SHADES	<div><div></div>2700K</div> <div><div></div>3000K</div> <div><div></div>3500K</div> <div><div></div>4000K</div>		<div><div></div>2700K</div> <div><div></div>3000K</div> <div><div></div>3500K</div> <div><div></div>4000K</div>		<div><div></div>2700K</div> <div><div></div>3000K</div> <div><div></div>3500K</div> <div><div></div>4000K</div>		<div><div></div>2700K</div> <div><div></div>3000K</div> <div><div></div>3500K</div> <div><div></div>4000K</div>		<div><div></div>2700K</div> <div><div></div>3000K</div> <div><div></div>3500K</div> <div><div></div>4000K</div>	
REVO OPTICS	<div><div></div>Very Narrow Spot</div> <div><div></div>Narrow Spot</div> <div><div></div>Elliptical Narrow Spot</div> <div><div></div>Spot</div> <div><div></div>Narrow Flood</div> <div><div></div>Flood</div>		<div><div></div>Very Narrow Spot</div> <div><div></div>Narrow Spot</div> <div><div></div>Elliptical Narrow Spot</div> <div><div></div>Spot</div> <div><div></div>Narrow Flood</div> <div><div></div>Flood</div> <div><div></div>Wide Flood</div> <div><div></div>Elliptical Wide Flood</div>		<div><div></div>Very Narrow Spot</div> <div><div></div>Narrow Spot</div> <div><div></div>Elliptical Narrow Spot</div> <div><div></div>Spot</div> <div><div></div>Narrow Flood</div> <div><div></div>Flood</div> <div><div></div>Wide Flood</div> <div><div></div>Elliptical Wide Flood</div>		<div><div></div>Very Narrow Spot</div> <div><div></div>Narrow Spot</div> <div><div></div>Elliptical Narrow Spot</div> <div><div></div>Spot</div> <div><div></div>Narrow Flood</div> <div><div></div>Flood</div> <div><div></div>Wide Flood</div> <div><div></div>Elliptical Wide Flood</div>		<div><div></div>Very Narrow Spot</div> <div><div></div>Narrow Spot</div> <div><div></div>Elliptical Narrow Spot</div> <div><div></div>Spot</div> <div><div></div>Narrow Flood</div> <div><div></div>Flood</div> <div><div></div>Wide Flood</div> <div><div></div>Elliptical Wide Flood</div>	
LOW CONTRAST OPTICS					<div><div></div>Grazing Washer</div> <div><div></div>Area Washer</div>		<div><div></div>Grazing Washer</div> <div><div></div>Area Washer</div>		<div><div></div>Grazing Washer</div> <div><div></div>Area Washer</div>	
CONTROL *	ON/OFF 1-10V DALI	PUSH CASAMBI PHASE CUT	ON/OFF 1-10V DALI	PUSH CASAMBI PHASE CUT	ON/OFF 1-10V DALI	PUSH CASAMBI PHASE CUT	ON/OFF 1-10V DALI	PUSH CASAMBI PHASE CUT	ON/OFF 1-10V DALI	PUSH CASAMBI PHASE CUT
FINISHING	<div><div></div>Matt white txt</div> <div><div></div>Matt black txt</div> <div><div></div>Concrete grey</div> <div><div></div>Gold txt</div> <div><div></div>Copper txt</div>		<div><div></div>Matt white txt</div> <div><div></div>Matt black txt</div> <div><div></div>Concrete grey</div> <div><div></div>Gold txt</div> <div><div></div>Copper txt</div>		<div><div></div>Matt white txt</div> <div><div></div>Matt black txt</div> <div><div></div>Concrete grey</div> <div><div></div>Gold txt</div> <div><div></div>Copper txt</div>		<div><div></div>Matt white txt</div> <div><div></div>Matt black txt</div> <div><div></div>Concrete grey</div> <div><div></div>Gold txt</div> <div><div></div>Copper txt</div>		<div><div></div>Matt white txt</div> <div><div></div>Matt black txt</div> <div><div></div>Concrete grey</div> <div><div></div>Gold txt</div> <div><div></div>Copper txt</div>	
EMERGENCY	EMERGENCY 1h		EMERGENCY 1h		EMERGENCY 1h		EMERGENCY 1h		EMERGENCY 1h	
OPTICAL ACCESSORIES	<div><div></div>Visor</div> <div><div></div>Snoot</div> <div><div></div>Elliptical lens</div> <div><div></div>Honeycomb</div>		<div><div></div>Visor</div> <div><div></div>Snoot</div> <div><div></div>Elliptical lens</div> <div><div></div>Honeycomb</div>		<div><div></div>Visor</div> <div><div></div>Snoot</div> <div><div></div>Elliptical lens</div> <div><div></div>Honeycomb</div> <div><div></div>Primary ring</div>		<div><div></div>Visor</div> <div><div></div>Snoot</div> <div><div></div>Elliptical lens</div> <div><div></div>Honeycomb</div> <div><div></div>Primary ring</div>		<div><div></div>Visor</div> <div><div></div>Snoot</div> <div><div></div>Elliptical lens</div> <div><div></div>Honeycomb</div> <div><div></div>Primary ring</div>	

* Remote driver

DARK MINI FIX



Minimal and effective recessed spotlight for professional lighting, designed to achieve maximum performance in the smallest size, equipped with the new Revo optical system, with ‘Cross-Beam’ technology, it allows extraordinary performances and precise beam projection in just 35mm diameter size.

The Dark family in all its versions stands out for its very high visual comfort and for the Lux / Watt ratio that it manages to deliver while maintaining retrospective illumination factors between wattage/ power and dimensions.

The new quick-installation trimless system speeds up and facilitates the integration of the product into the plasterboard thanks to a special 3mm-thick cross-linked ring nut that guarantees precision and cleanliness of the result.

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

REVO

Narrow Spot			Mini 1x		3000 K / Ra 92	
m	Ø	Lux	13°		Glaring	Darklight
1	0.23	3672			UGR	1.9
2	0.47	918			Colour deviation	2 SDCM
3	0.70	408			Fixture power	3.9 W
4	0.93	230			Fixture flux	277.0 lm
5	1.17	147			Fixture efficacy	71 lm/W
			IMax 3672 cd		LED values	3.9 W 360.0 lm

Spot			Mini 1x		3000 K / Ra 92	
m	Ø	Lux	17°		Glaring	Darklight
1	0.30	3232			UGR	4.4
2	0.61	808			Colour deviation	2 SDCM
3	0.91	359			Fixture power	4.5 W
4	1.21	202			Fixture flux	369.0 lm
5	1.52	129			Fixture efficacy	82 lm/W
			IMax 3232 cd		LED values	4.5 W 510.0 lm

Narrow Flood			Mini 1x		3000 K / Ra 92	
m	Ø	Lux	24°		Glaring	Darklight
1	0.42	1891			UGR	7.8
2	0.85	473			Colour deviation	2 SDCM
3	1.27	210			Fixture power	4.5 W
4	1.69	118			Fixture flux	381.0 lm
5	2.12	76			Fixture efficacy	85 lm/W
			IMax 1891 cd		LED values	4.5 W 510.0 lm

Flood			Mini 1x		3000 K / Ra 92	
m	Ø	Lux	34°		Glaring	Darklight
1	0.60	1117			UGR	11.7
2	1.21	279			Colour deviation	2 SDCM
3	1.81	124			Fixture power	4.5 W
4	2.42	70			Fixture flux	391.0 lm
5	3.02	45			Fixture efficacy	87 lm/W
			IMax 1117 cd		LED values	4.5 W 510.0 lm

Elliptical Narrow Spot			Mini 1x		3000 K / Ra 92	
m	Ø	Lux	54,5° / 15,3°		Glaring	Darklight
1	1,03x0,27	748			UGR	22.8
2	2,06x0,54	187			Colour deviation	2 SDCM
3	3,09x0,81	83			Fixture power	3.9 W
4	4,12x1,08	47			Fixture flux	234.0 lm
5	5,16x1,35	30			Fixture efficacy	60 lm/W
			IMax 748 cd		LED values	3.9 W 360.0 lm

Narrow Spot			Mini 2x		3000 K / Ra 92	
m	Ø	Lux	13°		Glaring	Darklight
1	0.23	7345			UGR	4.3
2	0.47	1836			Colour deviation	2 SDCM
3	0.70	816			Fixture power	7.8 W
4	0.93	459			Fixture flux	554.0 lm
5	1.17	294			Fixture efficacy	71 lm/W
			IMax 7345 cd		LED values	7.8 W 720.0 lm

Spot			Mini 2x		3000 K / Ra 92	
m	Ø	Lux	17°		Glaring	Darklight
1	0.30	6463			UGR	6.8
2	0.61	1616			Colour deviation	2 SDCM
3	0.91	718			Fixture power	9.0 W
4	1.21	404			Fixture flux	738.0 lm
5	1.52	259			Fixture efficacy	82 lm/W
			IMax 6463 cd		LED values	9.0 W 1020.0 lm

Narrow Flood			Mini 2x		3000 K / Ra 92	
m	Ø	Lux	24°		Glaring	Darklight
1	0.42	3787			UGR	10.3
2	0.85	947			Colour deviation	2 SDCM
3	1.27	421			Fixture power	9.0 W
4	1.69	237			Fixture flux	763.0 lm
5	2.12	151			Fixture efficacy	85 lm/W
			IMax 3787 cd		LED values	9.0 W 1020.0 lm

Flood			Mini 2x		3000 K / Ra 92	
m	Ø	Lux	34°		Glaring	Darklight
1	0.60	2236			UGR	14.1
2	1.21	559			Colour deviation	2 SDCM
3	1.81	248			Fixture power	9.0 W
4	2.42	140			Fixture flux	783.0 lm
5	3.02	89			Fixture efficacy	87 lm/W
			IMax 2236 cd		LED values	9.0 W 1020.0 lm

Elliptical Narrow Spot			Mini 2x		3000 K / Ra 92	
m	Ø	Lux	54,5° / 15,3°		Glaring	Darklight
1	1,03x0,27	1499			UGR	25.2
2	2,06x0,54	375			Colour deviation	2 SDCM
3	3,09x0,81	167			Fixture power	7.8 W
4	4,12x1,08	94			Fixture flux	469.0 lm
5	5,16x1,35	60			Fixture efficacy	60 lm/W
			IMax 1500 cd		LED values	7.8 W 720.0 lm

Narrow Spot			Mini 3x	3000 K / Ra 92
m	Ø	Lux	13°	Glaring Darklight UGR 5.7 Colour deviation 2 SDCM Fixture power 11.8 W Fixture flux 831.0 lm Fixture efficacy 70 lm/W LED values 11.7 W 1080.0 lm
1	0.23	11017		
2	0.47	2754		
3	0.70	1224		
4	0.93	689		
5	1.17	441		IMax 11017 cd

Spot			Mini 3x	3000 K / Ra 92
m	Ø	Lux	17°	Glaring Darklight UGR 8.2 Colour deviation 2 SDCM Fixture power 13.5 W Fixture flux 1107.0 lm Fixture efficacy 82 lm/W LED values 13.5 W 1530.0 lm
1	0.30	9695		
2	0.61	2424		
3	0.91	1077		
4	1.21	606		
5	1.52	388		IMax 9695 cd

Narrow Flood			Mini 3x	3000 K / Ra 92
m	Ø	Lux	24°	Glaring Darklight UGR 11.7 Colour deviation 2 SDCM Fixture power 13.5 W Fixture flux 1145.0 lm Fixture efficacy 85 lm/W LED values 13.5 W 1530.0 lm
1	0.42	5683		
2	0.85	1421		
3	1.27	631		
4	1.69	355		
5	2.12	227		IMax 5683 cd

Flood			Mini 3x	3000 K / Ra 92
m	Ø	Lux	34°	Glaring Darklight UGR 15.5 Colour deviation 2 SDCM Fixture power 13.5 W Fixture flux 1175.0 lm Fixture efficacy 87 lm/W LED values 13.5 W 1530.0 lm
1	0.60	3355		
2	1.21	839		
3	1.81	373		
4	2.42	210		
5	3.02	134		IMax 3355 cd

Elliptical Narrow Spot			Mini 3x	3000 K / Ra 92
m	Ø	Lux	54,5° / 15,3°	Glaring / UGR 26.6 Colour deviation 2 SDCM Fixture power 11.8 W Fixture flux 704.0 lm Fixture efficacy 60 lm/W LED values 11.7 W 1080.0 lm
1	1,03x0,27	2250		
2	2,06x0,54	563		
3	3,09x0,81	250		
4	4,12x1,08	141		
5	5,16x1,35	90		IMax 2251 cd

Narrow Spot			Mini 4x	3000 K / Ra 92
m	Ø	Lux	13°	Glaring Darklight UGR 6.7 Colour deviation 2 SDCM Fixture power 15.7 W Fixture flux 1108.0 lm Fixture efficacy 71 lm/W LED values 15.6 W 1440.0 lm
1	0.23	14689		
2	0.47	3672		
3	0.70	1632		
4	0.93	918		
5	1.17	588		IMax 14689 cd

Spot			Mini 4x	3000 K / Ra 92
m	Ø	Lux	17°	Glaring Darklight UGR 9.2 Colour deviation 2 SDCM Fixture power 18.0 W Fixture flux 1476.0 lm Fixture efficacy 82 lm/W LED values 18.0 W 2040.0 lm
1	0.30	12926		
2	0.61	3232		
3	0.91	1436		
4	1.21	808		
5	1.52	517		IMax 12926 cd

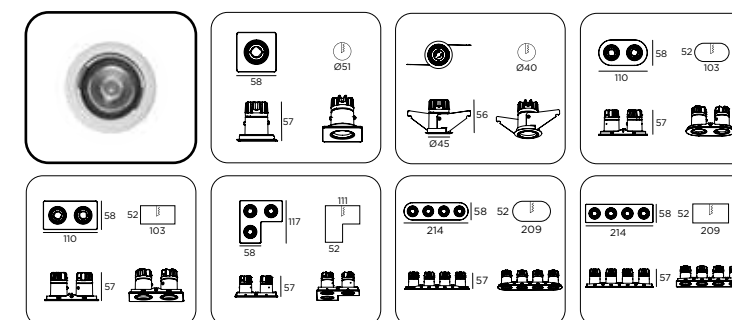
Narrow Flood			Mini 4x	3000 K / Ra 92
m	Ø	Lux	24°	Glaring Darklight UGR 12.7 Colour deviation 2 SDCM Fixture power 18.0 W Fixture flux 1527.0 lm Fixture efficacy 85 lm/W LED values 18.0 W 2040.0 lm
1	0.42	7578		
2	0.85	1895		
3	1.27	842		
4	1.69	474		
5	2.12	303		IMax 7578 cd

Flood			Mini 4x	3000 K / Ra 92
m	Ø	Lux	34°	Glaring Darklight UGR 16.5 Colour deviation 2 SDCM Fixture power 18.0 W Fixture flux 1566.0 lm Fixture efficacy 87 lm/W LED values 18.0 W 2040.0 lm
1	0.60	4472		
2	1.21	1118		
3	1.81	497		
4	2.42	279		
5	3.02	179		IMax 4472 cd

Elliptical Narrow Spot			Mini 4x	3000 K / Ra 92
m	Ø	Lux	54,5° / 15,3°	Glaring / UGR 27.6 Colour deviation 2 SDCM Fixture power 15.7 W Fixture flux 938.0 lm Fixture efficacy 60 lm/W LED values 15.6 W 1440.0 lm
1	1,03x0,27	2998		
2	2,06x0,54	750		
3	3,09x0,81	333		
4	4,12x1,08	187		
5	5,16x1,35	120		IMax 2999 cd

DARK MINI FIX

DARK MINI FIX TRIM



126 DARK FIX MINI	
Version	
80	1X ROUND TRIM
81	1X SQUARE TRIM
82	2X ROUND TRIM
83	2X SQUARE TRIM
84	3XL SQUARE TRIM
85	4X ROUND TRIM
86	4X SQUARE TRIM

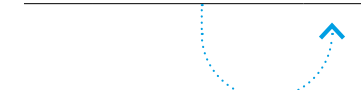
Control	
R	Remote driver

Finishing	
W	Matt white txt
B	Matt black txt
9	Concrete grey
L	Gold txt
C	Copper txt

CRI-CCT	
22	CRI92 2700K
23	CRI92 3000K
27	CRI92 3500K
24	CRI92 4000K
82	CRI98 2700K *
83	CRI98 3000K *
87	CRI98 3500K *
84	CRI98 4000K *

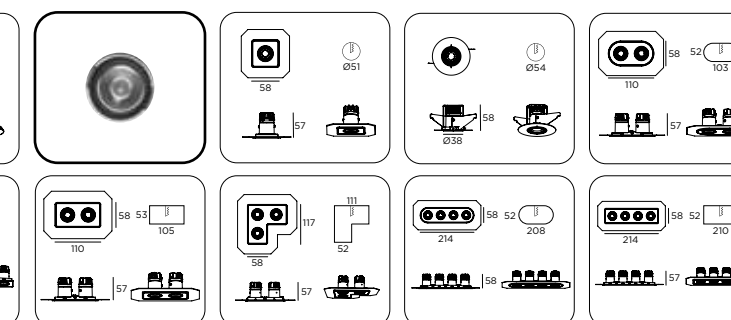
Optic	
N	Narrow Spot 13°-3,9W
2	Elliptical Narrow Spot 3,9W
S	Spot 17°-4,5W
M	Narrow Flood 24°-4,5W
F	Flood 34°-4,5W

* Not available on optics N, 2



Independent accessories	
9G071	Elliptical filter
9G072	Honeycomb

DARK MINI FIX TRIMLESS



126 DARK FIX MINI	
Version	
8A	1X ROUND TRIMLESS
8B	1X SQUARE TRIMLESS
8C	2X ROUND TRIMLESS
8D	2X SQUARE TRIMLESS
8E	3XL SQUARE TRIMLESS
8F	4X ROUND TRIMLESS
8G	4X SQUARE TRIMLESS

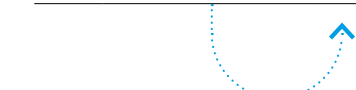
Control	
R	Remote driver

Finishing	
W	Matt white txt
B	Matt black txt
9	Concrete grey
L	Gold txt
C	Copper txt

CRI-CCT	
22	CRI92 2700K
23	CRI92 3000K
27	CRI92 3500K
24	CRI92 4000K
82	CRI98 2700K *
83	CRI98 3000K *
87	CRI98 3500K *
84	CRI98 4000K *

Optic	
N	Narrow Spot 13°-3,9W
2	Elliptical Narrow Spot 3,9W
S	Spot 17°-4,5W
M	Narrow Flood 24°-4,5W
F	Flood 34°-4,5W

* Not available on optics N, 2



Independent accessories	
9G071	Elliptical filter
9G072	Honeycomb

DARK MINI FIX Accessories

Quad optical head power supplies S-M-F (500mA)	
9D050019AL	ON-OFF, dim. 125x38x23mm, 20W, 220-240V÷50/60Hz
9D050020DDTC	DALI, dim. 120x52x22mm 20W, 220-240V÷50/60Hz
9D050020DATC	1-10V/PUSH, dim. 120x52x22mm 20W, 220-240V÷50/60Hz
9D050027CASTC	CASAMBI, dim. 147x44x30mm 27W, 220-240V÷50/60Hz
9D050020TFTC	PHASE CUT, dim. 120x52x22mm 20W, 220-240V÷50/60Hz



Honeycomb lens for roto-symmetrical optics,
useful for avoiding any visual disturbances or
radial luminance.

DARK SMALL FIX



Very small and effective recessed spotlight for professional lighting, designed to achieve maximum performance in the smallest size, equipped with the new Revo optical system, with ‘Cross-Beam’ technology, it allows extraordinary performances and precise beam projection in just 45mm diameter size.

The Dark family in all its versions stands out for its very high visual comfort and for the Lux / Watt ratio that it manages to deliver while maintaining retrospective illumination factors between wattage/power and dimensions.

The new quick-installation trimless system speeds up and facilitates the integration of the product into the plasterboard thanks to a special 3mm-thick cross-linked ring nut that guarantees precision and cleanliness of the result.

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

REVO

Narrow Spot

Small 1x

3000 K / Ra 92

m	Ø	Lux	Glaring	/
1	0.19	9536	UGR	4.7
2	0.38	2384	Colour deviation	2 SDCM
3	0.57	1060	Fixture power	8.2 W
4	0.76	596	Fixture flux	492.0 lm
5	0.96	381	Fixture efficacy	60 lm/W
			LED values	8.2 W 632.0 lm

11°

IMax 9536 cd

Spot

Small 1x

3000 K / Ra 92

m	Ø	Lux	Glaring	/
1	0.29	6871	UGR	6.5
2	0.59	1718	Colour deviation	2 SDCM
3	0.88	763	Fixture power	9.2 W
4	1.18	429	Fixture flux	709.0 lm
5	1.47	275	Fixture efficacy	77 lm/W
			LED values	9.2 W 950.0 lm

17°

IMax 6871 cd

Elliptical Wide Flood

Small 1x

3000 K / Ra 92

m	Ø	Lux	Glaring	/
1	0.77x1.45	685	UGR	17.4
2	1.55x2.01	171	Colour deviation	2 SDCM
3	2.32x4.36	76	Fixture power	9.2 W
4	3.09x5.81	43	Fixture flux	614.0 lm
5	3.86x7.27	27	Fixture efficacy	67 lm/W
			LED values	9.2 W 950.0 lm

42,3° / 72,0°

IMax 685 cd

Narrow Flood

Small 1x

3000 K / Ra 92

m	Ø	Lux	Glaring	/
1	0.42	4486	UGR	2.4
2	0.83	1121	Colour deviation	2 SDCM
3	1.25	498	Fixture power	9.2 W
4	1.67	280	Fixture flux	787.0 lm
5	2.08	179	Fixture efficacy	86 lm/W
			LED values	9.2 W 950.0 lm

24°

IMax 4486 cd

Narrow Spot

Small 2x

3000 K / Ra 92

m	Ø	Lux	Glaring	Darklight
1	0.19	19072	UGR	7.1
2	0.38	4768	Colour deviation	2 SDCM
3	0.57	2119	Fixture power	16.4 W
4	0.76	1192	Fixture flux	984.0 lm
5	0.96	763	Fixture efficacy	60 lm/W
			LED values	16.4 W 1264.0 lm

11°

IMax 19072 cd

Flood

Small 1x

3000 K / Ra 92

m	Ø	Lux	Glaring	/
1	0.66	2132	UGR	9.8
2	1.32	533	Colour deviation	2 SDCM
3	1.97	237	Fixture power	9.2 W
4	2.63	133	Fixture flux	797.0 lm
5	3.29	85	Fixture efficacy	87 lm/W
			LED values	9.2 W 950.0 lm

36°

IMax 2132 cd

Spot

Small 2x

3000 K / Ra 92

m	Ø	Lux	Glaring	Darklight
1	0.29	13751	UGR	8.9
2	0.59	3438	Colour deviation	2 SDCM
3	0.88	1528	Fixture power	18.4 W
4	1.18	859	Fixture flux	1419.0 lm
5	1.47	550	Fixture efficacy	77 lm/W
			LED values	18.4 W 1900.0 lm

17°

IMax 13751 cd

Wide Flood

Small 1x

3000 K / Ra 92

m	Ø	Lux	Glaring	/
1	0.87	1262	UGR	16.0
2	1.74	316	Colour deviation	2 SDCM
3	2.60	140	Fixture power	9.2 W
4	3.47	79	Fixture flux	729.0 lm
5	4.34	50	Fixture efficacy	79 lm/W
			LED values	9.2 W 950.0 lm

47°

IMax 1262 cd

Narrow Flood

Small 2x

3000 K / Ra 92

m	Ø	Lux	Glaring	Darklight
1	0.42	8977	UGR	4.8
2	0.83	2244	Colour deviation	2 SDCM
3	1.25	997	Fixture power	18.4 W
4	1.67	561	Fixture flux	1575.0 lm
5	2.08	359	Fixture efficacy	86 lm/W
			LED values	18.4 W 1900.0 lm

24°

IMax 8977 cd

Elliptical Narrow Spot

Small 1x

3000 K / Ra 92

m	Ø	Lux	Glaring	/
1	1.02x0.21	1607	UGR	22.1
2	2.03x0.42	402	Colour deviation	2 SDCM
3	3.05x0.63	179	Fixture power	8.2 W
4	4.07x0.84	100	Fixture flux	413.0 lm
5	5.08x1.05	64	Fixture efficacy	50 lm/W
			LED values	8.2 W 632.0 lm

53,9° / 12,0°

IMax 1607 cd

Flood

Small 2x

3000 K / Ra 92

m	Ø	Lux	Glaring	Darklight
1	0.66	4265	UGR	12.2
2	1.32	1066	Colour deviation	2 SDCM
3	1.97	474	Fixture power	18.4 W
4	2.63	267	Fixture flux	1594.0 lm
5	3.29	171	Fixture efficacy	87 lm/W
			LED values	18.4 W 1900.0 lm

36°

IMax 4265 cd

DARK SMALL FIX

Power supply

Single Head Power Supplies N-2 (700mA)	
9D070009AL	ON-OFF, dim. 76x38x23mm, 9W, 220-240V÷50/60Hz
9D070020DDEL	DALI/PUSH, dim. 151x43x28 20W, 220-240V÷50/60Hz
9D070020DAEL	1-10V, dim. 151x43x28 20W, 220-240V÷50/60Hz
9D70036CASTC	CASAMBI, dim. 147x44x30mm, 36W, 220-240V÷50/60Hz *
9D070020TFTC	PHASE CUT, dim. 120x52x22mm, 20W, 220-240V÷50/60Hz *
* does not pass through cut-out	

Single Head Power Supplies S-M-F-W-6 (500mA)	
9D050010AL	ON-OFF, dim. 76x38x23mm, 10W, 220-240V÷50/60Hz
9D050020DDEL	DALI/PUSH, dim. 151x43x28 20W, 220-240V÷50/60Hz
9D050020DAEL	1-10V, dim. 151x43x28 20W, 220-240V÷50/60Hz
9D050027CASTC	CASAMBI, dim. 147x44x30mm, 27W, 220-240V÷50/60Hz *
9D050020TFTC	PHASE CUT, dim. 120x52x22mm, 20W, 220-240V÷50/60Hz *
* does not pass through cut-out	

Twin optical head power supplies N-2 (700mA)	
9D070019AL	ON-OFF, dim. 125x38x23mm, 19W, 220-240V÷50/60Hz
9D070020DDTC	DALI, dim. 120x52x22mm 20W, 220-240V÷50/60Hz
9D070020DATC	1-10V/PUSH, dim. 120x52x22mm 20W, 220-240V÷50/60Hz
9D070036CASTC	CASAMBI, dim. 147x44x30mm 36W, 220-240V÷50/60Hz
9D070020TFTC	PHASE CUT, dim. 120x52x22mm 20W, 220-240V÷50/60Hz

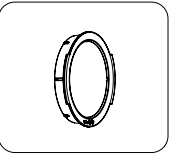
Twin optical head power supplies S-M-F-W-6 (500mA)	
9D050019AL	ON-OFF, dim. 125x38x23mm, 20W, 220-240V÷50/60Hz
9D050020DDTC	DALI, dim. 120x52x22mm 20W, 220-240V÷50/60Hz
9D050020DATC	1-10V/PUSH, dim. 120x52x22mm 20W, 220-240V÷50/60Hz
9D050027CASTC	CASAMBI, dim. 147x44x30mm 27W, 220-240V÷50/60Hz
9D050020TFTC	PHASE CUT, dim. 120x52x22mm 20W, 220-240V÷50/60Hz

Quad optical head power supplies N-2 (700mA)	
9D070050TC	ON-OFF, dim. 124x79x22mm, 50W, 220-240V÷50/60Hz
9D070050DDTC	DALI/PUSH/1-10V, dim. 124x79x22mm, 50W, 220-240V÷50/60Hz
9D070050CASTC	CASAMBI, dim. 124x79x22mm 50W, 220-240V÷50/60Hz
9D070040TFMW	PHASE CUT, dim. 143x60x32mm 39W, 220-240V÷50/60Hz *
* with cables on both sides	

Quad optical head power supplies S-M-F-W-6 (500mA)	
9D050042MW	ON-OFF, dim. 124x82x23mm, 42W, 220-240V÷50/60Hz
9D050042DDMW	DALI/PUSH, dim. 124x82x23mm, 42W, 220-240V÷50/60Hz
9D050056DDTC	1-10V, dim. 124x79x22mm, 56W, 220-240V÷50/60Hz
9D050042CASMW	CASAMBI, dim. 124x82x23mm, 42W, 220-240V÷50/60Hz
9D050040TFMW	PHASE CUT, dim. 143x60x32mm 40W, 220-240V÷50/60Hz *
* with cables on both sides	

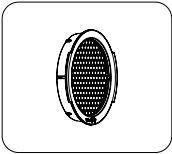
DARK SMALL FIX

Accessories



Elliptical Lens

Lens which produces an elliptical beam dispersion. Direct effect is dependent on the primary beam selected.



Honeycomb

Honeycomb lens for roto-symmetrical optics, useful for avoiding any visual disturbances or radial luminance.

DARK MEDIUM FIX



Extremely compact and effective recessed spotlight for professional lighting, designed to achieve maximum performance in the smallest size, equipped with the new Revo optical system, with 'Cross-Beam' technology, it allows extraordinary efficiency and precise beam projection in just 62mm diameter size.

The Dark family in all its versions stands out for its very high visual comfort and for the Lux / Watt ratio that it manages to deliver while maintaining retrospective illumination factors between wattage/power and dimensions.

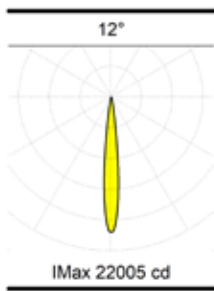
The new quick-installation trimless system speeds up and facilitates the integration of the product into the plasterboard thanks to a special 3mm-thick cross-linked ring nut that guarantees precision and cleanliness of the result.

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

REVO

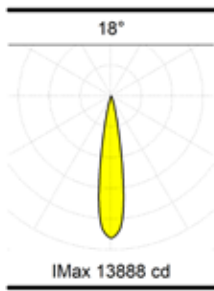
Narrow Spot

			3000 K / Ra 92	
m	Ø	Lux	Glaring	Darklight
1	0.21	22005	UGR	2.6
2	0.41	5501	Colour deviation	2 SDCM
3	0.62	2445	Fixture power	18.2 W
4	0.82	1375	Fixture flux	1206.0 lm
5	1.03	880	Fixture efficacy	66 lm/W
			LED values	18.2 W 1490.0 lm



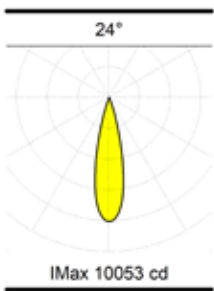
Spot

			3000 K / Ra 92	
m	Ø	Lux	Glaring	Darklight
1	0.32	13888	UGR	4.3
2	0.63	3472	Colour deviation	2 SDCM
3	0.95	1543	Fixture power	17.3 W
4	1.26	868	Fixture flux	1611.0 lm
5	1.58	556	Fixture efficacy	93 lm/W
			LED values	17.3 W 2027.0 lm



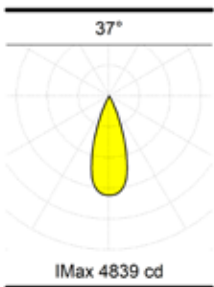
Narrow Flood

			3000 K / Ra 92	
m	Ø	Lux	Glaring	Darklight
1	0.43	10053	UGR	0.6
2	0.86	2513	Colour deviation	2 SDCM
3	1.29	1117	Fixture power	17.3 W
4	1.73	628	Fixture flux	1771.0 lm
5	2.16	402	Fixture efficacy	102 lm/W
			LED values	17.3 W 2027.0 lm



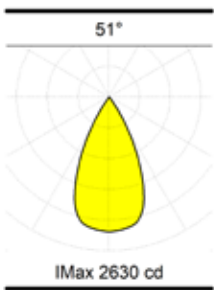
Flood

			3000 K / Ra 92	
m	Ø	Lux	Glaring	Darklight
1	0.66	4839	UGR	8.4
2	1.32	1210	Colour deviation	2 SDCM
3	1.99	538	Fixture power	17.3 W
4	2.65	302	Fixture flux	1791.0 lm
5	3.31	194	Fixture efficacy	104 lm/W
			LED values	17.3 W 2027.0 lm



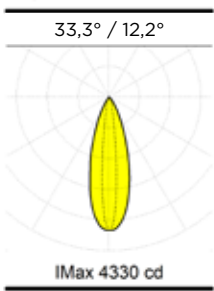
Wide Flood

			3000 K / Ra 92	
m	Ø	Lux	Glaring	Darklight
1	0.94	2630	UGR	17.3
2	1.89	658	Colour deviation	2 SDCM
3	2.83	292	Fixture power	16.9 W
4	3.78	164	Fixture flux	1703.0 lm
5	4.72	105	Fixture efficacy	101 lm/W
			LED values	16.9 W 2137.0 lm



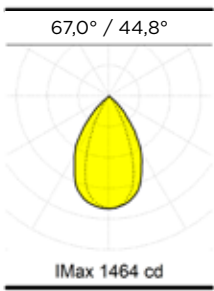
Elliptical Narrow Spot

			3000 K / Ra 92	
m	Ø	Lux	Glaring	Darklight
1	0.60x0.21	4330	UGR	16.2
2	1.20x0.43	1083	Colour deviation	2 SDCM
3	1.79x0.64	481	Fixture power	18.2 W
4	2.39x0.85	271	Fixture flux	758.0 lm
5	2.99x1.07	173	Fixture efficacy	42 lm/W
			LED values	18.2 W 1490.0 lm



Elliptical Wide Flood

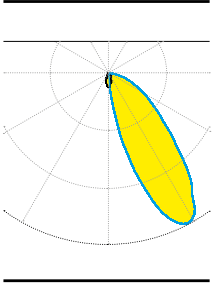
			3000 K / Ra 92	
m	Ø	Lux	Glaring	Darklight
1	1.32x0.82	1464	UGR	25.5
2	2.65x1.65	366	Colour deviation	2 SDCM
3	3.97x2.47	163	Fixture power	16.9 W
4	5.29x3.29	92	Fixture flux	1205.0 lm
5	6.62x4.12	59	Fixture efficacy	71 lm/W
			LED values	16.9 W 2137.0 lm



LOW CONTRAST

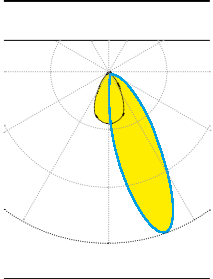
Area Washer

			3000K / Ra 92	
Uniformity 61% 64% 73% 72%			Glaring	-
Em 46 lx			UGR	-
Em 67 lx			Colour deviation	2 SDCM
Em 108 lx			Fixture power	11,8W
Em 199 lx			Fixture flux	597lm
			Fixture efficacy	51lm/W
			LED values	11,8W 1480lm



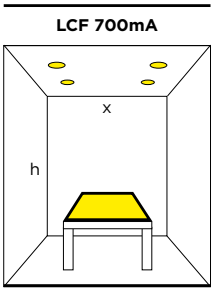
Grazing Washer

			3000K / Ra 92	
Uniformity 73% 75% 74% 73%			Glaring	-
Em 67 lx			UGR	-
Em 96 lx			Colour deviation	2 SDCM
Em 149 lx			Fixture power	11,8W
Em 261 lx			Fixture flux	865lm
			Fixture efficacy	73lm/W
			LED values	11,8W 1480lm



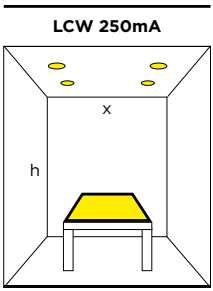
Flood LOW CONTRAST

			3000K / Ra 92	
4m (h max)			Glaring	/
150lux			UGR	16.2
x			Colour deviation	0 SDCM
2,6m (x)			Fixture power	121W
2w/m²			Fixture flux	1159.0lm
			Fixture efficacy	96lm/W
			LED values	121W 1504.0lm



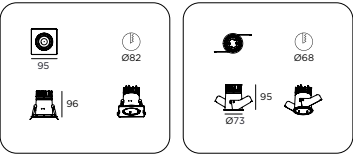
Wide Flood LOW CONTRAST

			3000K / Ra 92	
2,7m (h max)			Glaring	/
150lux			UGR	13.0
x			Colour deviation	0 SDCM
1,8m (x)			Fixture power	4.1W
1.7w/m²			Fixture flux	469.0lm
			Fixture efficacy	114lm/W
			LED values	4.1W 588.0lm



DARK MEDIUM FIX

DARK MEDIUM FIX TRIM



128 DARK FIX MEDIUM

Version	
80	1X ROUND TRIM
81	1X SQUARE TRIM

Control	
R	Remote driver

Finishing	
W	Matt white txt
B	Matt black txt
9	Concrete grey
L	Gold txt
C	Copper txt

CRI-CCT	
22	CRI92 2700K
23	CRI92 3000K
27	CRI92 3500K
24	CRI92 4000K
82	CRI98 2700K
83	CRI98 3000K
87	CRI98 3500K
84	CRI98 4000K

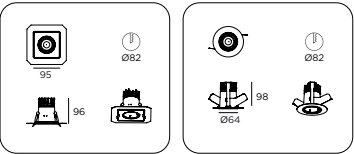
Optic	
N	Narrow Spot 12°-18,2W
2	Elliptical Narrow Spot 18,2W
S	Spot 18°-17,3W
M	Narrow Flood 24°-17,3W
F	Flood 37°-17,3W
W	Wide Flood 51°-16,9W
6	Elliptical Wide Flood 16,9W
G	Grazing Washer 11,8W
A	Area Washer 11,8W
J	Low Contrast Flood max 12,1W
K	Low Contrast Wide Flood max 4,1W

Accessories	
N	No accessories
H	Honeycomb *
D	Diffusing glass **
E	Elliptical lens ***

* Not available on optics 2,6,G,A
** Not available on optics 2,6,G,A,J,K
*** Not available on optics N,2,W,6,G,A,J,K

Independent accessories	
9G100	Elliptical filter
9G101	Diffusing filter
9G102	Honeycomb

DARK MEDIUM FIX TRIMLESS



128 DARK FIX MEDIUM

Version	
8A	1X ROUND TRIMLESS
8B	1X SQUARE TRIMLESS

Control	
R	Remote driver

Finishing	
W	Matt white txt
B	Matt black txt
9	Concrete grey
L	Gold txt
C	Copper txt

CRI-CCT	
22	CRI92 2700K
23	CRI92 3000K
27	CRI92 3500K
24	CRI92 4000K
82	CRI98 2700K
83	CRI98 3000K
87	CRI98 3500K
84	CRI98 4000K

Optic	
N	Narrow Spot 12°-18,2W
2	Elliptical Narrow Spot 18,2W
S	Spot 18°-17,3W
M	Narrow Flood 24°-17,3W
F	Flood 37°-17,3W
W	Wide Flood 51°-16,9W
6	Elliptical Wide Flood 16,9W
G	Grazing Washer 11,8W
A	Area Washer 11,8W
J	Low Contrast Flood max 12,1W
K	Low Contrast Wide Flood max 4,1W

Accessories	
N	No accessories
H	Honeycomb *
D	Diffusing glass **
E	Elliptical lens ***

* Not available on optics 2,6,G,A
** Not available on optics 2,6,G,A,J,K
*** Not available on optics N,2,W,6,G,A,J,K

Independent accessories	
9G100	Elliptical filter
9G101	Diffusing filter
9G102	Honeycomb

DARK MEDIUM FIX Power supply

Single Head Power Supplies N-2 (900mA)	
9D090038TC	ON-OFF, dim. 147x44x22mm 38W, 220-240V÷50/60Hz
9D090038DDTC	DALI, dim. 147x44x30mm 38W, 220-240V÷50/60Hz
9D090020DATC	1-10V/PUSH, dim. 120x52x22mm 20W, 220-240V÷50/60Hz
9D090038CASTC	CASAMBI, dim. 147x44x30mm 38W, 220-240V÷50/60Hz
9D090020TFTC	PHASE CUT, dim. 120x52x22mm 20W, 220-240V÷50/60Hz

Single Head Power Supplies S-M-F-W-6 (500mA)	
9D050019AL	ON-OFF, dim. 125x38x23mm, 20W, 220-240V÷50/60Hz
9D050020DDTC	DALI, dim. 120x52x22mm 20W, 220-240V÷50/60Hz
9D050020DATC	1-10V/PUSH, dim. 120x52x22mm 20W, 220-240V÷50/60Hz
9D050027CASTC	CASAMBI, dim. 147x44x30mm 27W, 220-240V÷50/60Hz
9D050020TFTC	PHASE CUT, dim. 120x52x22mm 20W, 220-240V÷50/60Hz

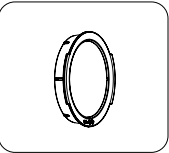
Single Head Power Supplies G-A (350mA)	
9D035014AL	ON-OFF, dim. 125x38x23mm 14W, 220-240V÷50/60Hz
9D035017DDTC	DALI, dim. 120x52x22mm 17W, 220-240V÷50/60Hz
9D035018DATC	1-10V/PUSH, dim. 120x52x22mm 18W, 220-240V÷50/60Hz
9D035018CASTC	CASAMBI, dim. 147x44x30mm 18W, 220-240V÷50/60Hz
9D035017TFTC	PHASE CUT, dim. 120x52x22mm 17W, 220-240V÷50/60Hz

Single Head Power Supplies J (700mA)	
9D070019AL	ON-OFF, dim. 125x38x23mm, 19W, 220-240V÷50/60Hz
9D070020DDTC	DALI, dim. 120x52x22mm 20W, 220-240V÷50/60Hz
9D070020DATC	1-10V/PUSH, dim. 120x52x22mm 20W, 220-240V÷50/60Hz
9D070036CASTC	CASAMBI, dim. 147x44x30mm 36W, 220-240V÷50/60Hz
9D070020TFTC	PHASE CUT, dim. 120x52x22mm 20W, 220-240V÷50/60Hz

Single Head Power Supplies K (250mA)	
9D025010AL	ON-OFF, dim. 76x38x23mm, 10W, 220-240V÷50/60Hz
9D025012DDTC	DALI, dim. 120x52x22mm 12W, 220-240V÷50/60Hz
9D025012DATC	1-10V, dim. 103x67x22mm 13W, 220-240V÷50/60Hz *
9D025010DDTR	PUSH, dim. 190x43x30mm 10W, 220-240V÷50/60Hz
9D025010CASTR	CASAMBI, dim. 190x43x30mm 10W, 220-240V÷50/60Hz
9D025012TFTC	PHASE CUT, dim. 120x52x22mm 12W, 220-240V÷50/60Hz

* does not pass through cut-out

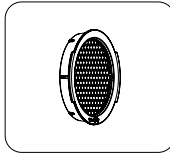
DARK MEDIUM FIX Accessories



Elliptical Lens
Lens which produces an elliptical beam dispersion. Direct effect is dependent on the primary beam selected.



Diffusing filter
Filter designed to attenuate and soften contrasts and cast shadows. To use where blurred rather than sharp edges are required.



Honeycomb
Honeycomb lens for roto-symmetrical optics, useful for avoiding any visual disturbances or radial luminance.

DARK COMPACT FIX



Extremely compact and effective recessed spotlight for professional lighting, designed to achieve maximum performance in the smallest size, equipped with the new Revo optical system, with 'Cross-Beam' technology, it allows extraordinary efficiency and precise beam projection in just 76mm diameter size.

The Dark family in all its versions stands out for its very high visual comfort and for the Lux / Watt ratio that it manages to deliver while maintaining retrospective illumination factors between wattage/power and dimensions.

The new quick-installation trimless system speeds up and facilitates the integration of the product into the plasterboard thanks to a special 3mm-thick cross-linked ring nut that guarantees precision and cleanliness of the result.

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

REVO

Narrow Spot			3000 K / Ra 92	
m	Ø	Lux	9°	Glaring Darklight UGR
1	0.16	33266		0.9
2	0.32	8317		Colour deviation 2 SDCM
3	0.49	3696		Fixture power 18.2 W
4	0.65	2079		Fixture flux 1235.0 lm
5	0.81	1331		Fixture efficacy 68 lm/W
			IMax 33266 cd	LED values 18.2 W 1490.0 lm

Spot			3000 K / Ra 92	
m	Ø	Lux	14°	Glaring Darklight UGR
1	0.25	26201		3.2
2	0.51	6550		Colour deviation 2 SDCM
3	0.76	2911		Fixture power 25.1 W
4	1.01	1638		Fixture flux 2128.0 lm
5	1.27	1048		Fixture efficacy 85 lm/W
			IMax 26201 cd	LED values 25.1 W 2681.0 lm

Narrow Flood			3000 K / Ra 92	
m	Ø	Lux	23°	Glaring Darklight UGR
1	0.42	14229		<10
2	0.83	3557		Colour deviation 2 SDCM
3	1.25	1581		Fixture power 25.1 W
4	1.66	889		Fixture flux 2348.0 lm
5	2.08	569		Fixture efficacy 94 lm/W
			IMax 14229 cd	LED values 25.1 W 2681.0 lm


Flood			3000 K / Ra 92	
m	Ø	Lux	35°	Glaring Darklight UGR
1	0.63	7027		5.2
2	1.25	1757		Colour deviation 2 SDCM
3	1.88	781		Fixture power 25.1 W
4	2.51	439		Fixture flux 2343.0 lm
5	3.14	281		Fixture efficacy 93 lm/W
			IMax 7027 cd	LED values 25.1 W 2681.0 lm

Wide Flood			3000 K / Ra 92	
m	Ø	Lux	51°	Glaring Darklight UGR
1	0.95	3479		14.8
2	1.89	870		Colour deviation 2 SDCM
3	2.84	387		Fixture power 24.4 W
4	3.78	217		Fixture flux 2246.0 lm
5	4.73	139		Fixture efficacy 92 lm/W
			IMax 3479 cd	LED values 24.4 W 2884.0 lm


Elliptical Narrow Spot			3000 K / Ra 92	
m	Ø	Lux	10,3° / 34,4°	Glaring Darklight UGR
1	0,18x0,62	5014		3.8
2	0,36x1,24	1253		Colour deviation 2 SDCM
3	0,54x1,85	557		Fixture power 18.2 W
4	0,72x2,47	313		Fixture flux 764.0 lm
5	0,90x3,09	201		Fixture efficacy 42 lm/W
			IMax 5016 cd	LED values 18.2 W 1490.0 lm


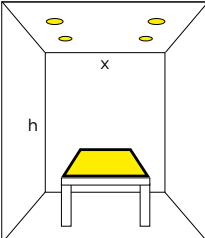
Elliptical Wide Flood			3000 K / Ra 92	
m	Ø	Lux	43,3° / 70,5°	Glaring Darklight UGR
1	1,41x0,79	1979		14.5
2	2,83x1,59	495		Colour deviation 2 SDCM
3	4,24x2,38	220		Fixture power 24.4 W
4	5,66x3,18	124		Fixture flux 1609.0 lm
5	7,07x3,97	79		Fixture efficacy 66 lm/W
			IMax 1979 cd	LED values 24.4 W 2884.0 lm

LOW CONTRAST

Area Washer		3000K / Ra 92	
Uniformity 62% 65% 72% 70%		Glaring -	
	Em 69 lx	UGR <10	
	Em 101 lx	Colour deviation 2 SDCM	
	Em 163 lx	Fixture power 16.9W	
	Em 302 lx	Fixture flux 903.0lm	
		Fixture efficacy 53lm/W	
		LED values 16.9W 2137.0lm	

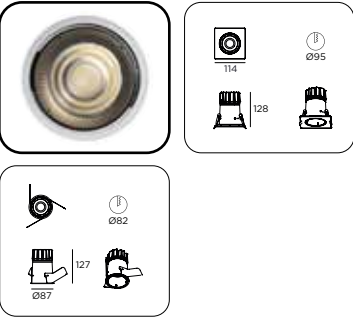
Grazing Washer		3000K / Ra 92	
Uniformity 70% 74% 74% 71%		Glaring	-
	Em 80 lx	UGR	<10
	Em 116 lx	Colour deviation	2 SDCM
	Em 178 lx	Fixture power	16.9W
	Em 311 lx	Fixture flux	1100.0lm
		Fixture efficacy	65lm/W
		LED values	16.9W 2137.0lm

Flood LOW CONTRAST		3000K / Ra 92	
4m (h max)		Glaring /	
200lux		UGR 15.8	
		Colour deviation 2 SDCM	
2,6m (x)		Fixture power 17.3W	
2.6w/m²		Fixture flux 1457.0lm	
		Fixture efficacy 84lm/W	
		LED values 17.3W 2027.0lm	

Wide Flood LOW CONTRAST		3000K / Ra 92	
2,7m (h max)		Glaring /	
200lux		UGR 13.9	
		Colour deviation 2 SDCM	
2,1m (x)		Fixture power 8.2W	
2.1w/m²		Fixture flux 860.0lm	
		Fixture efficacy 105lm/W	
		LED values 8.2W 1088.0lm	
			

DARK COMPACT FIX

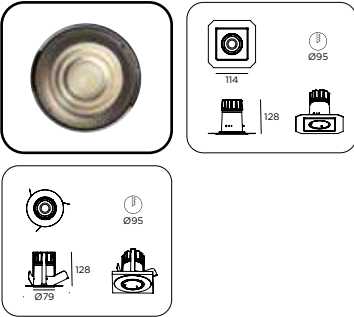
DARK COMPACT FIX TRIM



129	DARK FIX COMPACT
+	
Version	
80	1X ROUND TRIM
81	1X SQUARE TRIM
+	
Control	
R	Remote driver
+	
Finishing	
W	Matt white txt
B	Matt black txt
9	Concrete grey
L	Gold txt
C	Copper txt
+	
CRI-CCT	
22	CRI92 2700K
23	CRI92 3000K
27	CRI92 3500K
24	CRI92 4000K
82	CRI98 2700K
83	CRI98 3000K
87	CRI98 3500K
84	CRI98 4000K
+	
Optic	
N	Narrow Spot 9°-18,2W
2	Elliptical Narrow Spot 18,2W
S	Spot 14°-25,1W
M	Narrow Flood 23°-25,1W
F	Flood 35°-25,1W
W	Wide Flood 51°-24,4W
6	Elliptical Wide Flood 24,4W
G	Grazing Washer 16,9W
A	Area Washer 16,9W
J	Low Contrast Flood max 17,3W
K	Low Contrast Wide Flood max 8,2W
+	

Accessories	
N	No accessories
H	Honeycomb *
D	Diffusing glass **
E	Elliptical lens ***
* Not available on optics 2,6,G,A ** Not available on optics 2,6,G,A,J,K *** Not available on optics N,2,W,6,G,A,J,K	
Independent accessories	
9G103	Elliptical filter
9G104	Diffusing filter
9G105	Honeycomb

DARK COMPACT FIX TRIMLESS



129	DARK FIX COMPACT
+	
Version	
8A	1X ROUND TRIMLESS
8B	1X SQUARE TRIMLESS
+	
Control	
R	Remote driver
+	
Finishing	
W	Matt white txt
B	Matt black txt
9	Concrete grey
L	Gold txt
C	Copper txt
+	
CRI-CCT	
22	CRI92 2700K
23	CRI92 3000K
27	CRI92 3500K
24	CRI92 4000K
82	CRI98 2700K
83	CRI98 3000K
87	CRI98 3500K
84	CRI98 4000K
+	
Optic	
N	Narrow Spot 9°-18,2W
2	Elliptical Narrow Spot 18,2W
S	Spot 14°-25,1W
M	Narrow Flood 23°-25,1W
F	Flood 35°-25,1W
W	Wide Flood 51°-24,4W
6	Elliptical Wide Flood 24,4W
G	Grazing Washer 16,9W
A	Area Washer 16,9W
J	Low Contrast Flood max 17,3W
K	Low Contrast Wide Flood max 8,2W
+	

Accessories	
N	No accessories
H	Honeycomb *
D	Diffusing glass **
E	Elliptical lens ***
* Not available on optics 2,6,G,A ** Not available on optics 2,6,G,A,J,K *** Not available on optics N,2,W,6,G,A,J,K	
Independent accessories	
9G103	Elliptical filter
9G104	Diffusing filter
9G105	Honeycomb

DARK COMPACT FIX Power supply

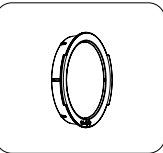
Single Head Power Supplies N-2 (900mA)	
9D090038TC	ON-OFF, dim. 147x44x22mm 38W, 220-240V÷50/60Hz
9D090038DDTC	DALI/PUSH, dim. 147x44x30mm 38W, 220-240V÷50/60Hz
9D090020DATC	1-10V, dim. 120x52x22mm 20W, 220-240V÷50/60Hz
9D090038CASTC	CASAMBI, dim. 147x44x30mm 38W, 220-240V÷50/60Hz
9D090020TFTC	PHASE CUT, dim. 120x52x22mm 20W, 220-240V÷50/60Hz

Single Head Power Supplies S-M-F-W-6 (700mA)	
9D070031TC	ON-OFF, dim. 147x44x22mm 31W, 220-240V÷50/60Hz
9D070038DDTC	DALI/PUSH, dim. 147x44x30mm 38W, 220-240V÷50/60Hz
9D070032DATC	1-10V/PUSH, dim. 103x67x22mm 32W, 220-240V÷50/60Hz
9D070036CASTC	CASAMBI, dim. 147x44x30mm 36W, 220-240V÷50/60Hz
9D070032TFTC	PHASE CUT, dim. 166x46x34mm 32W, 220-240V÷50/60Hz

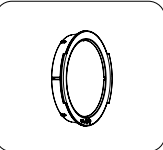
Single Head Power Supplies A-G-J (500mA)	
9D050019AL	ON-OFF, dim. 125x38x23mm, 20W, 220-240V÷50/60Hz
9D050020DDTC	DALI, dim. 120x52x22mm 20W, 220-240V÷50/60Hz
9D050020DATC	1-10V/PUSH, dim. 120x52x22mm 20W, 220-240V÷50/60Hz
9D050027CASTC	CASAMBI, dim. 147x44x30mm 27W, 220-240V÷50/60Hz
9D050020TFTC	PHASE CUT, dim. 120x52x22mm 20W, 220-240V÷50/60Hz

Single Head Power Supplies K (250mA)	
9D025010AL	ON-OFF, dim. 76x38x23mm, 10W, 220-240V÷50/60Hz
9D025012DDTC	DALI, dim. 120x52x22mm 12W, 220-240V÷50/60Hz
9D025013DATC	1-10V/PUSH, dim. 120x52x22mm 13W, 220-240V÷50/60Hz
9D025010CASTR	CASAMBI, dim. 190x43x30mm 10W, 220-240V÷50/60Hz
9D025012TFTC	PHASE CUT, dim. 120x52x22mm 12W, 220-240V÷50/60Hz

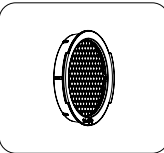
DARK COMPACT FIX Accessories



Elliptical Lens
Lens which produces an elliptical beam dispersion. Direct effect is dependent on the primary beam selected.

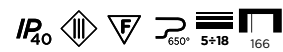


Diffusing filter
Filter designed to attenuate and soften contrasts and cast shadows. To use where blurred rather than sharp edges are required.



Honeycomb
Honeycomb lens for roto-symmetrical optics, useful for avoiding any visual disturbances or radial luminance.

DARK MAX FIX



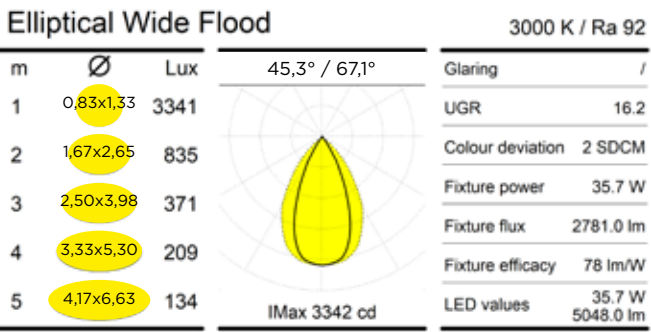
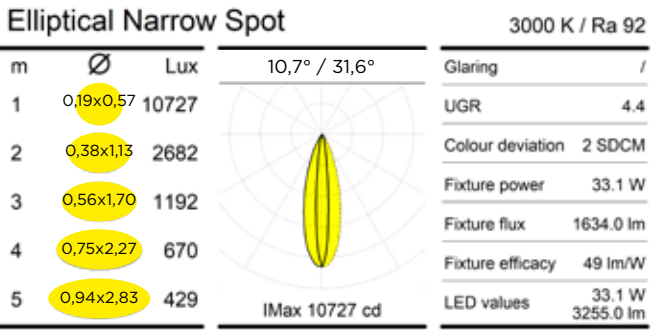
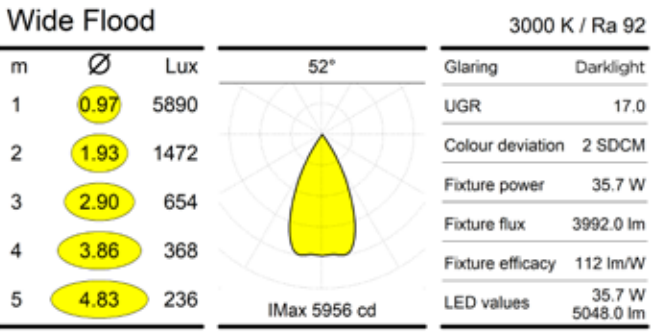
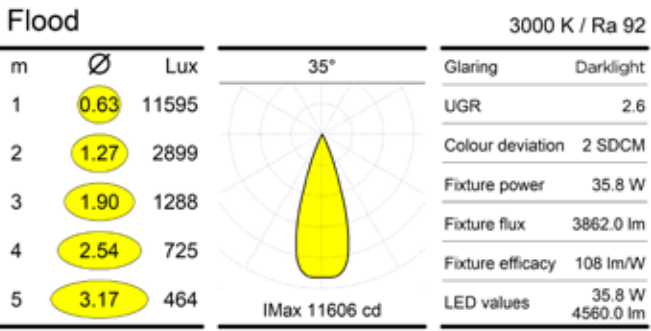
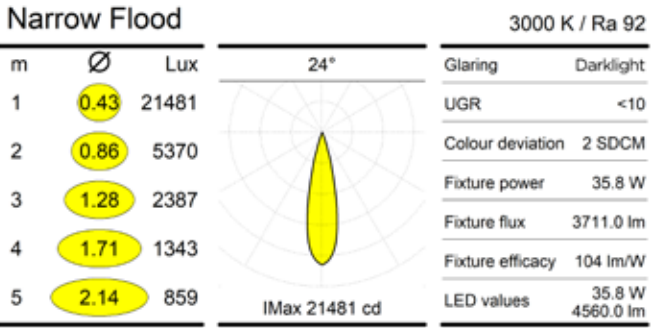
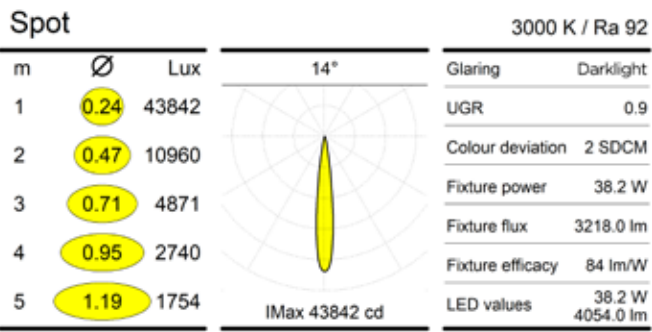
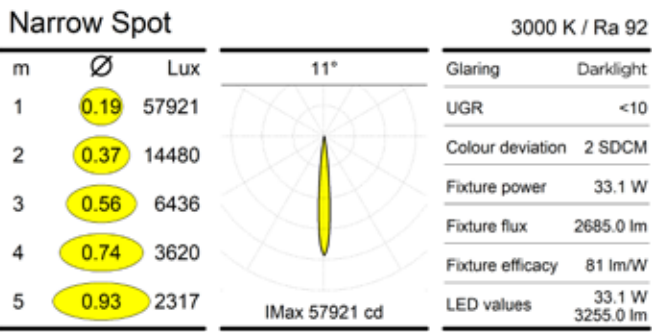
Recessed spotlight with a compact design dedicated to professional lighting design, designed to achieve maximum performance in the smallest size, equipped with the new Revo optical system, with ‘Cross-Beam’ technology, it allows extraordinary efficiency and precise beam projection in just 96mm diameter size.

The Dark family in all its versions stands out for its very high visual comfort and for the Lux / Watt ratio that it manages to deliver while maintaining retrospective illumination factors between wattage/power and dimensions.

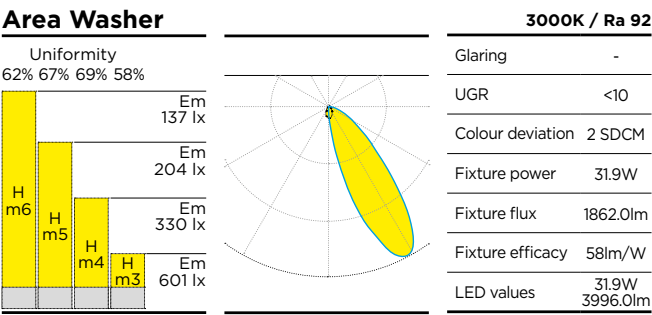
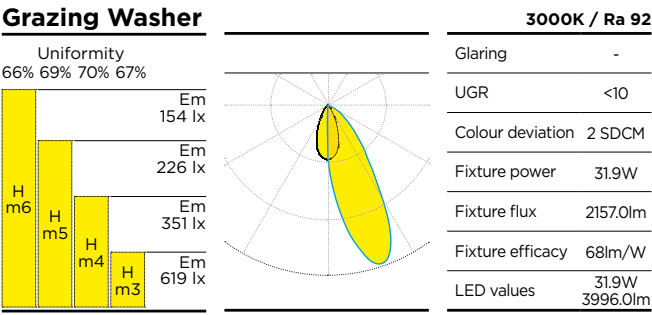
The new quick-installation trimless system speeds up and facilitates the integration of the product into the plasterboard thanks to a special 3mm-thick cross-linked ring nut that guarantees precision and cleanliness of the result.

Available in single square and round versions, it offers a wide range of symmetrical and asymmetrical optical options.

REVO



LOW CONTRAST



LOW
CONTRAST

Wide Flood LOW CONTRAST

2.7m (h max)	LCW 350mA	3000K / Ra 92
300lux		Glaring /
		UGR 13.5
		Colour deviation 2 SDCM
		Fixture power 11.5W
		Fixture flux 1295.0lm
		Fixture efficacy 113lm/W
		LED values 11.5W 1751.0lm

Flood LOW CONTRAST

4m (h max)	5m (h max)	LCF 700mA	3000K / Ra 92
300lux	200lux		Glaring /
			UGR 15.7
			Colour deviation 2 SDCM
			Fixture power 24.2W
			Fixture flux 2461.0lm
			Fixture efficacy 102lm/W
			LED values 24.2W 3235.0lm

Wide Flood LOW CONTRAST

2.7m (h max)	LCW 500mA	3000K / Ra 92
500lux		Glaring /
		UGR 14.6
		Colour deviation 2 SDCM
		Fixture power 16.8W
		Fixture flux 1783.0lm
		Fixture efficacy 106lm/W
		LED values 16.8W 2410.0lm

Flood LOW CONTRAST

4m (h max)	5m (h max)	5m (h max)	LCF 900mA	3000K / Ra 92
500lux	300lux	500lux		Glaring /
				UGR 16.5
				Colour deviation 2 SDCM
				Fixture power 31.9W
				Fixture flux 3040.0lm
				Fixture efficacy 95lm/W
				LED values 31.9W 3996.0lm

LOW CONTRAST EII. NF 100mA

3m (h max)	LCENF 100mA	3000K / Ra 92
100lux		Glaring /
		UGR 8.7
		Colour deviation 2 SDCM
		Fixture power 3.1W
		Fixture flux 321.0lm
		Fixture efficacy 104lm/W
		LED values 3.1W 523.0lm

LOW CONTRAST EII. NF 250mA

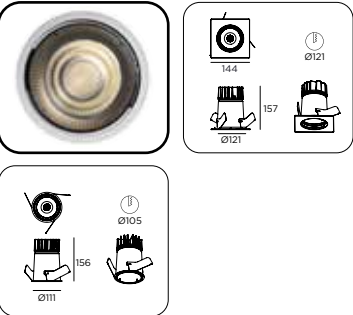
3m (h max)	LCENF 250mA	3000K / Ra 92
250lux		Glaring /
		UGR 11.8
		Colour deviation 2 SDCM
		Fixture power 8.1W
		Fixture flux 781.0lm
		Fixture efficacy 96lm/W
		LED values 8.1W 1272.0lm

LOW CONTRAST EII. NF 150mA

3m (h max)	LCENF 150mA	3000K / Ra 92
120lux		Glaring /
		UGR 10.0
		Colour deviation 2 SDCM
		Fixture power 4.7W
		Fixture flux 477.0lm
		Fixture efficacy 101lm/W
		LED values 4.7W 777.0lm

DARK MAX FIX

DARK MAX FIX TRIM

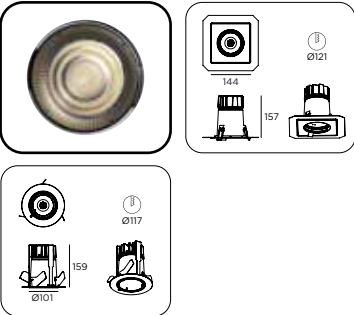


130	DARK FIX MAX
+	
Version	
80	1X ROUND TRIM
81	1X SQUARE TRIM
+	
Control	
R	Remote driver
+	
Finishing	
W	Matt white txt
B	Matt black txt
9	Concrete grey
L	Gold txt
C	Copper txt
+	
CRI-CCT	
22	CRI92 2700K
23	CRI92 3000K
27	CRI92 3500K
24	CRI92 4000K
82	CRI98 2700K
83	CRI98 3000K
87	CRI98 3500K
84	CRI98 4000K
+	
Optic	
N	Narrow Spot 11°-33,1W
2	Elliptical Narrow Spot 33,1W
S	Spot 14°-38,2W
M	Narrow Flood 24°-35,8W
F	Flood 35°-35,8W
W	Wide Flood 52°-35,7W
6	Elliptical Wide Flood 35,7W
G	Grazing Washer 31,9W
A	Area Washer 31,9W
J	Low Contrast Flood max 31,9W
K	Low Contrast Wide Flood max 16,8W
H	Low Contrast EII. Narrow Flood max 8,1W

Accessories	
N	No accessories
H	Honeycomb *
D	Diffusing glass **
E	Elliptical lens ***
* Not available on optics 2,6,G,A,H	
** Not available on optics 2,6,G,A,J,K,H	
*** Not available on optics N,2,W,6,G,A,J,K,H	

Independent accessories	
9G106	Elliptical filter
9G107	Diffusing filter
9G108	Honeycomb

DARK MAX FIX TRIMLESS



130	DARK FIX MAX
+	
Version	
8A	1X ROUND TRIMLESS
8B	1X SQUARE TRIMLESS
+	
Control	
R	Remote driver
+	
Finishing	
W	Matt white txt
B	Matt black txt
9	Concrete grey
L	Gold txt
C	Copper txt
+	
CRI-CCT	
22	CRI92 2700K
23	CRI92 3000K
27	CRI92 3500K
24	CRI92 4000K
82	CRI98 2700K
83	CRI98 3000K
87	CRI98 3500K
84	CRI98 4000K
+	
Optic	
N	Narrow Spot 11°-33,1W
2	Elliptical Narrow Spot 33,1W
S	Spot 14°-38,2W
M	Narrow Flood 24°-35,8W
F	Flood 35°-35,8W
W	Wide Flood 52°-35,7W
6	Elliptical Wide Flood 35,7W
G	Grazing Washer 31,9W
A	Area Washer 31,9W
J	Low Contrast Flood max 31,9W
K	Low Contrast Wide Flood max 16,8W
H	Low Contrast EII. Narrow Flood max 8,1W

Accessories	
N	No accessories
H	Honeycomb *
D	Diffusing glass **
E	Elliptical lens ***
* Not available on optics 2,6,G,A,H	
** Not available on optics 2,6,G,A,J,K,H	
*** Not available on optics N,2,W,6,G,A,J,K,H	

Independent accessories	
9G106	Elliptical filter
9G107	Diffusing filter
9G108	Honeycomb

DARK MAX FIX Power supply

Single Head Power Supplies N-2 (900mA)	
9D090038TC	ON-OFF, dim. 147x44x22mm 38W, 220-240V±50/60Hz
9D090060DDTC	DALI/PUSH/I-10V, dim. 124x79x22mm, 60W, 220-240V±50/60Hz
9D090047CASTC	CASAMBI dim. 124x79x22mm, 47W, 220-240V±50/60Hz
9D090040TFAC	PHASE CUT, dim166x52x25mm, 40W, 220-240V±50/60Hz

Single Head Power Supplies S (1050mA)	
9D105050TC	ON-OFF, dim. 124x79x22mm, 50W, 220-240V÷50/60Hz
9D105060DDTC	DALI/PUSH/1-10V, dim. 124x79x22mm, 60W, 220-240V÷50/60Hz
9D105050CASTC	CASAMBI dim. 124x79x22mm, 50W, 220-240V÷50/60Hz
9D105045TFTC	PHASE CUT, dim. 174x83x35mm, 45W, 220-240V÷50/60Hz

Single Head Power Supplies M-F-W-6 (1050mA)	
9D105040TC	ON-OFF, dim. 147x44x22mm, 40W, 220-240V±50/60Hz
9D105060DDTC	DALI/PUSH/1-10V, dim. 124x79x22mm, 60W, 220-240V±50/60Hz
9D105050CASTC	CASAMBI dim. 124x79x22mm, 50W, 220-240V±50/60Hz
9D105045TFTC	PHASE CUT, dim. 174x83x35mm, 45W, 220-240V±50/60Hz

Single Head Power Supplies A-G (900mA)	
9D090038TC	ON-OFF, dim. 147x44x22mm, 38W, 220-240V±50/60Hz
9D090060DDTC	DALI/PUSH/I-10V, dim. 124x79x22mm, 60W, 220-240V±50/60Hz
9D090047CASTC	CASAMBI dim. 124x79x22mm, 47W, 220-240V±50/60Hz
9D090040TFAC	PHASE CUT, dim166x52 h25mm, 40W, 220-240V±50/60Hz

Single Head Power Supplies J (700mA)	
9D070031TC	ON-OFF, dim. 147x44x22mm 31W, 220-240V÷50/60Hz
9D070020DDTC	DALI, dim. 120x52x22mm 20W, 220-240V÷50/60Hz
9D070020DATC	1-10V/PUSH, dim. 120x52x22mm 20W, 220-240V÷50/60Hz
9D070036CASTC	CASAMBI, dim. 147x44x30mm 36W, 220-240V÷50/60Hz
9D070032TFTC	PHASE CUT, dim. 166x46x34mm 32W, 220-240V÷50/60Hz

Single Head Power Supplies J (900mA)	
9D090038TC	ON-OFF, dim. 147x44x22mm, 38W, 220-240V±50/60Hz
9D090060DDTC	DALI/PUSH/1-10V, dim. 124x79x22mm, 60W, 220-240V±50/60Hz
9D090047CASTC	CASAMBI dim. 124x79x22mm, 47W, 220-240V±50/60Hz
9D090040TFAC	PHASE CUT, dim166x52x25mm, 40W, 220-240V±50/60Hz

Single Head Power Supplies K (350mA)	
9D035014AL	ON-OFF, dim. 125x38x23mm 14W, 220-240V÷50/60Hz
9D035017DDTC	DALI, dim. 120x52x22mm 17W, 220-240V÷50/60Hz
9D035018DATC	1-10V/PUSH, dim. 120x52x22mm 18W, 220-240V÷50/60Hz
9D035018CASTC	CASAMBI, dim. 147x44x30mm 18W, 220-240V÷50/60Hz
9D035017TFTC	PHASE CUT, dim. 120x52x22mm 17W, 220-240V÷50/60Hz

Single Head Power Supplies K (500mA)	
9D050019AL	ON-OFF, dim. 125x38x23mm, 20W, 220-240V÷50/60Hz
9D050020DDTC	DALI, dim. 120x52x22mm 20W, 220-240V÷50/60Hz
9D050020DATC	1-10V/PUSH, dim. 120x52x22mm 20W, 220-240V÷50/60Hz
9D050027CASTC	CASAMBI, dim. 147x44x30mm 27W, 220-240V÷50/60Hz
9D050020TFTC	PHASE CUT, dim. 120x52x22mm 20W, 220-240V÷50/60Hz

Single Head Power Supplies H (100mA)	
9D010010AL	ON-OFF, dim. 76x38x23mm, 10W, 220-240V±50/60Hz
9D010005DDTC	DALI, dim. 120x52x22mm 5W, 220-240V±50/60Hz
9D010005DATC	1-10V/PUSH, dim. 120x52x22mm 5W, 220-240V±50/60Hz
9D010004TFLT	PHASE CUT, dim. 111x35x20mm 4W, 220-240V±50/60Hz

Single Head Power Supplies H (150mA)	
9D015010AL	ON-OFF, dim. 76x38x23mm, 10W, 220-240V÷50/60Hz
9D014007DDTC	DALI, dim. 120x52x22mm 7W, 220-240V÷50/60Hz *
9D014007DATC	1-10V/PUSH, dim. 120x52x22mm 7W, 220-240V÷50/60Hz *
9D015006CASTR	CASAMBI, dim. 190x43x30mm 6W, 220-240V÷50/60Hz
9D015007TFTC	PHASE CUT, dim. 166x46x34mm 7W, 220-240V÷50/60Hz
* 140mA	

Single Head Power Supplies H (250mA)	
9D025010AL	ON-OFF, dim. 76x38x23mm, 10W, 220-240V±50/60Hz
9D025012DDTC	DALI, dim. 120x52x22mm 12W, 220-240V±50/60Hz
9D025012DATC	1-10V, dim. 103x67x22mm 13W, 220-240V±50/60Hz
9D025010CASTR	CASAMBI, dim. 190x43x30mm 10W, 220-240V±50/60Hz
9D025012TFTC	PHASE CUT, dim. 120x52x22mm 12W, 220-240V±50/60Hz

DARK MAX FIX Accessories



Elliptical Lens

Lens which produces an elliptical beam dispersion. Direct effect is dependent on the primary beam selected.



Diffusing filter

Filter designed to attenuate and soften contrasts and cast shadows. To use where blurred rather than sharp edges are required.



Honeycomb

Honeycomb lens for roto-symmetrical optics, useful for avoiding any visual disturbances or radial luminance.

DARK MINI TILT



Minimal and effective recessed adjustable projector for professional lighting, designed to achieve maximum performance in the smallest size, equipped with the new Revo optical system with 'Cross-Beam' technology, it allows extraordinary performances and precise beam projection.

The adjustable versions guarantee inclinations up to 35° without any deformation of the beam or decrease in lumen output. 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 that it manages to deliver while maintaining retrospective illumination factors between wattage/power and dimensions.

The new quick-installation trimless system speeds up and facilitates the integration of the product into the plasterboard thanks to a special 3mm-thick cross-linked ring nut that guarantees precision and cleanliness of the result.

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

REVO

Very Narrow Spot

			3000 K / Ra 92	
m	Ø	Lux	8°	Glaring / Darklight
1	0.14	6533		UGR 0.5
2	0.29	1633		Colour deviation 2 SDCM
3	0.43	726		Fixture power 3.0 W
4	0.58	408		Fixture flux 228.0 lm
5	0.72	261		Fixture efficacy 76 lm/W
			IMax 6533 cd	LED values 3.0 W / 282.0 lm

Narrow Spot

			3000 K / Ra 92	
m	Ø	Lux	13°	Glaring / Darklight
1	0.23	3672		UGR 1.9
2	0.47	918		Colour deviation 2 SDCM
3	0.70	408		Fixture power 3.9 W
4	0.93	230		Fixture flux 277.0 lm
5	1.17	147		Fixture efficacy 71 lm/W
			IMax 3672 cd	LED values 3.9 W / 360.0 lm

Spot

			3000 K / Ra 92	
m	Ø	Lux	17°	Glaring / Darklight
1	0.30	3232		UGR 4.4
2	0.61	808		Colour deviation 2 SDCM
3	0.91	359		Fixture power 4.5 W
4	1.21	202		Fixture flux 369.0 lm
5	1.52	129		Fixture efficacy 82 lm/W
			IMax 3232 cd	LED values 4.5 W / 510.0 lm

Narrow Flood

			3000 K / Ra 92	
m	Ø	Lux	24°	Glaring / Darklight
1	0.42	1891		UGR 7.8
2	0.85	473		Colour deviation 2 SDCM
3	1.27	210		Fixture power 4.5 W
4	1.69	118		Fixture flux 381.0 lm
5	2.12	76		Fixture efficacy 85 lm/W
			IMax 1891 cd	LED values 4.5 W / 510.0 lm

Flood

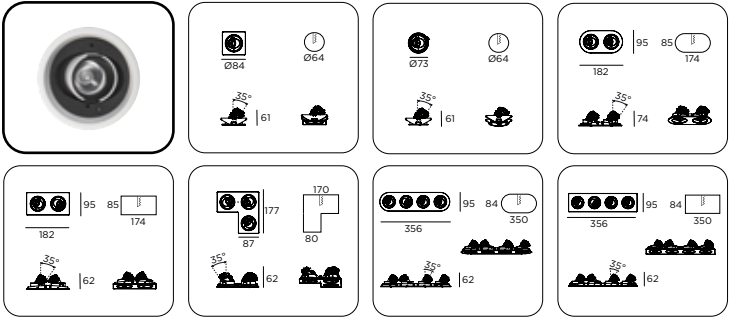
			3000 K / Ra 92	
m	Ø	Lux	34°	Glaring / Darklight
1	0.60	1117		UGR 11.7
2	1.21	279		Colour deviation 2 SDCM
3	1.81	124		Fixture power 4.5 W
4	2.42	70		Fixture flux 391.0 lm
5	3.02	45		Fixture efficacy 87 lm/W
			IMax 1117 cd	LED values 4.5 W / 510.0 lm

Elliptical Narrow Spot

			3000 K / Ra 92	
m	Ø	Lux	54,5° / 15,3°	Glaring / Darklight
1	1,03x0,27	748		UGR 22.8
2	2,06x0,54	187		Colour deviation 2 SDCM
3	3,09x0,81	83		Fixture power 3.9 W
4	4,12x1,08	47		Fixture flux 234.0 lm
5	5,16x1,35	30		Fixture efficacy 60 lm/W
			IMax 748 cd	LED values 3.9 W / 360.0 lm

DARK MINI TILT

DARK MINI TILT TRIM



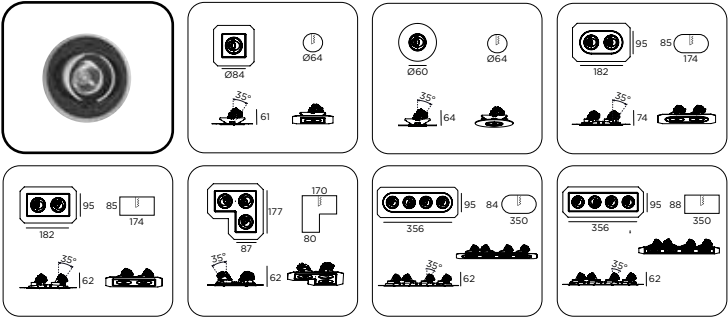
131	DARK TILT MINI
+ Version	
80	1X ROUND TRIM
81	1X SQUARE TRIM
82	2X ROUND TRIM
83	2X SQUARE TRIM
84	3XL SQUARE TRIM
85	4X ROUND TRIM
86	4X SQUARE TRIM
+ Control	
R	Remote driver
+ Finishing	
W	Matt white txt
B	Matt black txt
9	Concrete grey
L	Gold txt
C	Copper txt
+ CRI-CCT	
22	CRI92 2700K
23	CRI92 3000K
27	CRI92 3500K
24	CRI92 4000K
82	CRI98 2700K *
83	CRI98 3000K *
87	CRI98 3500K *
84	CRI98 4000K *
* Not available on optics V,N,2	
+ Optic	
V	Very Narrow Spot 8°-3W
N	Narrow Spot 13°-3,9W
2	Elliptical Narrow Spot 3,9W
S	Spot 17°-4,5W
M	Narrow Flood 24°-4,5W
F	Flood 34°-4,5W

Accessories	
N	No accessories
H	Honeycomb **
S	Snoot ***
V	Visor ***
E	Elliptical lens ***
** Not available on optics 2	
*** Not available on optics N,2	

Factory fitted accessories are for single head versions only. For multi-head versions, order accessories independently.

Independent accessories	
9G069	Visor
9G070	Snoot
9G071	Elliptical lens
9G072	Honeycomb

DARK MINI TILT TRIMLESS



131	DARK TILT MINI
+ Version	
8A	1X ROUND TRIMLESS
8B	1X SQUARE TRIMLESS
8C	2X ROUND TRIMLESS
8D	2X SQUARE TRIMLESS
8E	3XL SQUARE TRIMLESS
8F	4X ROUND TRIMLESS
8G	4X SQUARE TRIMLESS
+ Control	
R	Remote driver
+ Finishing	
W	Matt white txt
B	Matt black txt
9	Concrete grey
L	Gold txt
C	Copper txt
+ CRI-CCT	
22	CRI92 2700K
23	CRI92 3000K
27	CRI92 3500K
24	CRI92 4000K
82	CRI98 2700K *
83	CRI98 3000K *
87	CRI98 3500K *
84	CRI98 4000K *
* Not available on optics V,N,2	
+ Optic	
V	Very Narrow Spot 8°-3W
N	Narrow Spot 13°-3,9W
2	Elliptical Narrow Spot 3,9W
S	Spot 17°-4,5W
M	Narrow Flood 24°-4,5W
F	Flood 34°-4,5W

Accessories	
N	No accessories
H	Honeycomb **
S	Snoot ***
V	Visor ***
E	Elliptical lens ***
** Not available on optics 2	
*** Not available on optics N,2	

Factory fitted accessories are for single head versions only. For multi-head versions, order accessories independently.

Independent accessories	
9G069	Visor
9G070	Snoot
9G071	Elliptical lens
9G072	Honeycomb

DARK MINI TILT Power supply

Single Head Power Supplies V (1050mA)	
9D105010AL	ON-OFF, dim. 76x38x23mm, 10W, 220-240V÷50/60Hz
9D105020DDEL	DALI/PUSH, dim. 151x43x28mm, 20W, 220-240÷50/60Hz
9D105020DAEL	1-10V, dim. 151x43x28mm, 20W, 220-240÷50/60Hz
9D105060CASTC	CASAMBI, dim. 124x79x22mm 60W, 220-240V÷50/60Hz
9D105045TFTC	PHASE CUT, dim. 174x83x35mm, 45W, 220-240V÷50/60Hz

Single Head Power Supplies N-2 (350mA)	
9D035010AL	ON-OFF, dim. 76x38x23mm, 10W, 220-240V÷50/60Hz
9D035009DDAL	DALI/PUSH, dim. 140x36x20mm 9W, 220-240V÷50/60Hz
9D035004DALT	1-10V, dim. 135x30x20mm 4W, 100-240V÷50/60Hz
9D035018CASTC	CASAMBI, dim. 147x44x30mm 18W, 220-240V÷50/60Hz
9D035017TFTC	PHASE CUT, dim. 120x52x22mm 17W, 220-240V÷50/60Hz

Single Head Power Supplies S-M-F (500mA)	
9D050010AL	ON-OFF, dim. 76x38x23mm, 10W, 220-240V÷50/60Hz
9D050010DDAL	DALI/PUSH, dim. 140x36x20mm 10W, 220-240V÷50/60Hz
9D050006DALT	1-10V, dim. 135x30x20mm 6W, 100-240V÷50/60Hz
9D050025CASTC	CASAMBI, dim. 124x79x22mm 25W, 220-240V÷50/60Hz
9D050020TFTC	PHASE CUT, dim. 120x52x22mm 20W, 220-240V÷50/60Hz

Twin optical head power supplies V (1050mA)	
9D105010AL	ON-OFF, dim. 76x38x23mm, 10W, 220-240V÷50/60Hz
9D105020DDEL	DALI/PUSH, dim. 151x43x28mm, 20W, 220-240÷50/60Hz
9D105020DAEL	1-10V, dim. 151x43x28mm, 20W, 220-240÷50/60Hz
9D105060CASTC	CASAMBI, dim. 124x79x22mm 60W, 220-240V÷50/60Hz
9D105045TFTC	PHASE CUT, dim. 174x83x35mm, 45W, 220-240V÷50/60Hz

Twin optical head power supplies N-2 (350mA)	
9D035010AL	ON-OFF, dim. 76x38x23mm, 10W, 220-240V÷50/60Hz
9D035017DDTC	DALI, dim. 120x52x22mm 17W, 220-240V÷50/60Hz
9D035018DATC	1-10V/PUSH, dim. 120x52x22mm 18W, 220-240V÷50/60Hz
9D035018CASTC	CASAMBI, dim. 147x44x30mm 18W, 220-240V÷50/60Hz
9D035017TFTC	PHASE CUT, dim. 120x52x22mm 17W, 220-240V÷50/60Hz

Twin optical head power supplies S-M-F (500mA)	
9D050010AL	ON-OFF, dim. 76x38x23mm, 10W, 220-240V÷50/60Hz
9D050020DDTC	DALI, dim. 120x52x22mm 20W, 220-240V÷50/60Hz
9D050020DATC	1-10V/PUSH, dim. 120x52x22mm 20W, 220-240V÷50/60Hz
9D050027CASTC	CASAMBI, dim. 147x44x30mm 27W, 220-240V÷50/60Hz
9D050020TFTC	PHASE CUT, dim. 120x52x22mm 20W, 220-240V÷50/60Hz

Triple optical head power supplies V (1050mA)	
9D105010AL	ON-OFF, dim. 76x38x23mm, 10W, 220-240V÷50/60Hz
9D105020DDEL	DALI/PUSH, dim. 151x43x28mm, 20W, 220-240÷50/60Hz
9D105020DAEL	1-10V, dim. 151x43x28mm, 20W, 220-240÷50/60Hz
9D105060CASTC	CASAMBI, dim. 124x79x22mm 60W, 220-240V÷50/60Hz
9D105045TFTC	PHASE CUT, dim. 174x83x35mm, 45W, 220-240V÷50/60Hz





Triple optical head power supplies N-2 (350mA)	
9D035014AL	ON-OFF, dim. 125x38x23mm 14W, 220-240V÷50/60Hz
9D035017DDTC	DALI, dim. 120x52x22mm 17W, 220-240V÷50/60Hz
9D035018DATC	1-10V/PUSH, dim. 120x52x22mm 18W, 220-240V÷50/60Hz
9D035018CASTC	CASAMBI, dim. 147x44x30mm 18W, 220-240V÷50/60Hz
9D035017TFTC	PHASE CUT, dim. 120x52x22mm 17W, 220-240V÷50/60Hz

Triple optical head power supplies S-M-F (500mA)	
9D050019AL	ON-OFF, dim. 125x38x23mm, 20W, 220-240V÷50/60Hz
9D050020DDTC	DALI, dim. 120x52x22mm 20W, 220-240V÷50/60Hz
9D050020DATC	1-10V/PUSH, dim. 120x52x22mm 20W, 220-240V÷50/60Hz
9D050027CASTC	CASAMBI, dim. 147x44x30mm 27W, 220-240V÷50/60Hz
9D050020TFTC	PHASE CUT, dim. 120x52x22mm 20W, 220-240V÷50/60Hz

Quad optical head power supplies V (1050mA)	
9D105022TC	ON-OFF, dim. 130x38x28mm, 22W, 220-240V÷50/60Hz
9D105020DDEL	DALI/PUSH, dim. 151x43x28mm, 20W, 220-240÷50/60Hz
9D105020DAEL	1-10V, dim. 151x43x28mm, 20W, 220-240÷50/60Hz
9D105060CASTC	CASAMBI, dim. 124x79x22mm 60W, 220-240V÷50/60Hz
9D105045TFTC	PHASE CUT, dim. 174x83x35mm, 45W, 220-240V÷50/60Hz

Quad optical head power supplies N-2 (350mA)	
9D035019TC	ON-OFF, dim. 120x52x22mm 19W, 220-240V÷50/60Hz
9D035017DDTC	DALI, dim. 120x52x22mm 17W, 220-240V÷50/60Hz
9D035018DATC	1-10V/PUSH, dim. 120x52x22mm 18W, 220-240V÷50/60Hz
9D035018CASTC	CASAMBI, dim. 147x44x30mm 18W, 220-240V÷50/60Hz
9D035017TFTC	PHASE CUT, dim. 120x52x22mm 17W, 220-240V÷50/60Hz

Quad optical head power supplies S-M-F (500mA)	
9D050019AL	ON-OFF, dim. 125x38x23mm, 20W, 220-240V÷50/60Hz
9D050020DDTC	DALI, dim. 120x52x22mm 20W, 220-240V÷50/60Hz
9D050020DATC	1-10V/PUSH, dim. 120x52x22mm 20W, 220-240V÷50/60Hz
9D050027CASTC	CASAMBI, dim. 147x44x30mm 27W, 220-240V÷50/60Hz
9D050020TFTC	PHASE CUT, dim. 120x52x22mm 20W, 220-240V÷50/60Hz

	<div>Visor</div> <div>Partial rotatable glare control, necessary to shield any directional glare.</div>		<div>Snoot</div> <div>Omnidirectional glare reducer, necessary to shield any radial disturbances.</div>
	<div>Elliptical lens</div> <div>Rotatable lens to obtain the elliptical deformation of the beam, amplitude and variable characteristics depending on the chosen optical combination.</div>		<div>Honeycomb</div> <div>Honeycomb lens, necessary to shield any radial disturbances.</div>

DARK SMALL TILT



Very small and effective recessed adjustable projector for professional lighting, designed to achieve maximum performance in the smallest size, equipped with the new Revo optical system with 'Cross-Beam' technology, it allows extraordinary performances and precise beam projection.

The adjustable versions guarantee inclinations up to 35° without any deformation of the beam or decrease in lumen output. 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 that it manages to deliver while maintaining retrospective illumination factors between wattage/power and dimensions.

The new quick-installation trimless system speeds up and facilitates the integration of the product into the plasterboard thanks to a special 3mm-thick cross-linked ring nut that guarantees precision and cleanliness of the result.

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

REVO

Very Narrow Spot

			3000 K / Ra 92	
m	Ø	Lux	7°	Glaring / Darklight
1	0.12	9362		UGR 1.8
2	0.24	2340		Colour deviation 2 SDCM
3	0.36	1040		Fixture power 3.0 W
4	0.47	585		Fixture flux 232.0 lm
5	0.59	374		Fixture efficacy 77 lm/W
			IMax 9362 cd	LED values 3.0 W 282.0 lm

Narrow Spot

			3000 K / Ra 92	
m	Ø	Lux	11°	Glaring /
1	0.19	9536		UGR 4.7
2	0.38	2384		Colour deviation 2 SDCM
3	0.57	1060		Fixture power 8.2 W
4	0.76	596		Fixture flux 492.0 lm
5	0.96	381		Fixture efficacy 60 lm/W
			IMax 9536 cd	LED values 8.2 W 632.0 lm

Spot

			3000 K / Ra 92	
m	Ø	Lux	17°	Glaring /
1	0.29	6871		UGR 6.5
2	0.59	1718		Colour deviation 2 SDCM
3	0.88	763		Fixture power 9.2 W
4	1.18	429		Fixture flux 709.0 lm
5	1.47	275		Fixture efficacy 77 lm/W
			IMax 6871 cd	LED values 9.2 W 950.0 lm

Narrow Flood

			3000 K / Ra 92	
m	Ø	Lux	24°	Glaring /
1	0.42	4486		UGR 2.4
2	0.83	1121		Colour deviation 2 SDCM
3	1.25	498		Fixture power 9.2 W
4	1.67	280		Fixture flux 787.0 lm
5	2.08	179		Fixture efficacy 86 lm/W
			IMax 4486 cd	LED values 9.2 W 950.0 lm

Flood

			3000 K / Ra 92	
m	Ø	Lux	36°	Glaring /
1	0.66	2132		UGR 9.8
2	1.32	533		Colour deviation 2 SDCM
3	1.97	237		Fixture power 9.2 W
4	2.63	133		Fixture flux 797.0 lm
5	3.29	85		Fixture efficacy 87 lm/W
			IMax 2132 cd	LED values 9.2 W 950.0 lm

Wide Flood

			3000 K / Ra 92	
m	Ø	Lux	47°	Glaring /
1	0.87	1262		UGR 16.0
2	1.74	316		Colour deviation 2 SDCM
3	2.60	140		Fixture power 9.2 W
4	3.47	79		Fixture flux 729.0 lm
5	4.34	50		Fixture efficacy 79 lm/W
			IMax 1262 cd	LED values 9.2 W 950.0 lm

Elliptical Narrow Spot

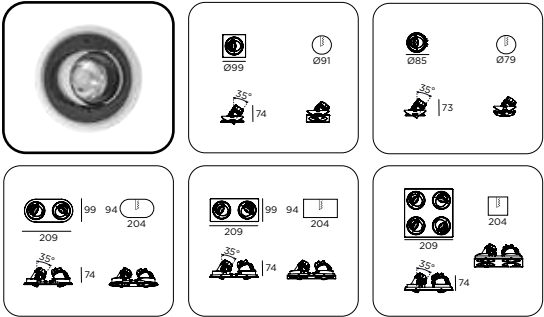
			3000 K / Ra 92	
m	Ø	Lux	53.9° / 12.0°	Glaring /
1	1.02x0.21	1607		UGR 22.1
2	2.03x0.42	402		Colour deviation 2 SDCM
3	3.05x0.63	179		Fixture power 8.2 W
4	4.07x0.84	100		Fixture flux 413.0 lm
5	5.08x1.05	64		Fixture efficacy 50 lm/W
			IMax 1607 cd	LED values 8.2 W 632.0 lm

Elliptical Wide Flood

			3000 K / Ra 92	
m	Ø	Lux	42.3° / 72.0°	Glaring /
1	0.77x1.45	685		UGR 17.4
2	1.55x2.01	171		Colour deviation 2 SDCM
3	2.32x4.36	76		Fixture power 9.2 W
4	3.09x5.81	43		Fixture flux 614.0 lm
5	3.86x7.27	27		Fixture efficacy 67 lm/W
			IMax 685 cd	LED values 9.2 W 950.0 lm

DARK SMALL TILT

DARK SMALL TILT TRIM



132 DARK TILT SMALL

Version

80	1X ROUND TRIM
81	1X SQUARE TRIM
82	2X ROUND TRIM
83	2X SQUARE TRIM
87	2X2 SQUARE TRIM

Control

R	Remote driver
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Finishing

W	Matt white txt
B	Matt black txt
9	Concrete grey
L	Gold txt
C	Copper txt

CRI-CCT

22	CRI92 2700K
23	CRI92 3000K
27	CRI92 3500K
24	CRI92 4000K
82	CRI98 2700K *
83	CRI98 3000K *
87	CRI98 3500K *
84	CRI98 4000K *

* Not available on optics V,N,2

Optic

V	Very Narrow Spot 7°-3W
N	Narrow Spot 11°-8,2W
2	Elliptical Narrow Spot 8,2W
S	Spot 17°-9,2W
M	Narrow Flood 24°-9,2W
F	Flood 36°-9,2W
W	Wide Flood 47°-9,2W
6	Elliptical Wide Flood 9,2W

Accessories

N	No accessories
H	Honeycomb **
S	Snoot ***
V	Visor ***
E	Elliptical lens ***

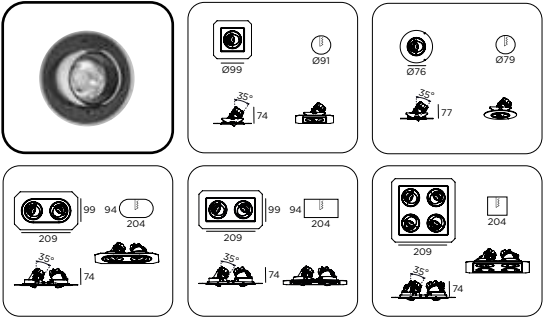
** Not available on optics 2,6
*** Not available on optics N,2,W,6

Factory fitted accessories are for single head versions only. For multi-head versions, order accessories independently.

Independent accessories

9G073	Visor
9G074	Snoot
9G075	Elliptical lens
9G076	Honeycomb

DARK SMALL TILT TRIMLESS



132 DARK TILT SMALL

Version

8A	1X ROUND TRIMLESS
8B	1X SQUARE TRIMLESS
8C	2X ROUND TRIMLESS
8D	2X SQUARE TRIMLESS
8H	2X2 SQUARE TRIMLESS

Control

R	Remote driver
---	---------------

Finishing

W	Matt white txt
B	Matt black txt
9	Concrete grey
L	Gold txt
C	Copper txt

CRI-CCT

22	CRI92 2700K
23	CRI92 3000K
27	CRI92 3500K
24	CRI92 4000K
82	CRI98 2700K *
83	CRI98 3000K *
87	CRI98 3500K *
84	CRI98 4000K *

* Not available on optics V,N,2

Optic

V	Very Narrow Spot 7°-3W
N	Narrow Spot 11°-8,2W
2	Elliptical Narrow Spot 8,2W
S	Spot 17°-9,2W
M	Narrow Flood 24°-9,2W
F	Flood 36°-9,2W
W	Wide Flood 47°-9,2W
6	Elliptical Wide Flood 9,2W

Accessories

N	No accessories
H	Honeycomb **
S	Snoot ***
V	Visor ***
E	Elliptical lens ***

** Not available on optics 2,6
*** Not available on optics N,2,W,6

Factory fitted accessories are for single head versions only. For multi-head versions, order accessories independently.

Independent accessories

9G073	Visor
9G074	Snoot
9G075	Elliptical lens
9G076	Honeycomb

DARK SMALL TILT Power supply

Single Head Power Supplies V (1050mA)

9D105010AL	ON-OFF, dim. 76x38x23mm, 10W, 220-240V÷50/60Hz
9D105020DDEL	DALI/PUSH, dim. 151x43x28mm, 20W, 220-240÷50/60Hz
9D105020DAEL	1-10V, dim. 151x43x28mm, 20W, 220-240÷50/60Hz
9D105060CASTC	CASAMBI, dim. 124x79x22mm 60W, 220-240V÷50/60Hz
9D105045TFTC	PHASE CUT, dim. 174x83x35mm, 45W, 220-240V÷50/60Hz

Single Head Power Supplies N-2 (700mA)

9D070009AL	ON-OFF, dim. 76x38x23mm, 9W, 220-240V÷50/60Hz
9D070020DDTC	DALI, dim. 120x52x22mm 20W, 220-240V÷50/60Hz
9D070020DATC	1-10V/PUSH, dim. 120x52x22mm 20W, 220-240V÷50/60Hz
9D070036CASTC	CASAMBI, dim. 147x44x30mm 36W, 220-240V÷50/60Hz
9D070020TFTC	PHASE CUT, dim. 120x52x22mm 20W, 220-240V÷50/60Hz

Single Head Power Supplies S-M-F-W-6 (500mA)

9D050010AL	ON-OFF, dim. 76x38x23mm, 10W, 220-240V÷50/60Hz
9D050020DDTC	DALI, dim. 120x52x22mm 20W, 220-240V÷50/60Hz
9D050020DATC	1-10V/PUSH, dim. 120x52x22mm 20W, 220-240V÷50/60Hz
9D050027CASTC	CASAMBI, dim. 147x44x30mm 27W, 220-240V÷50/60Hz
9D050020TFTC	PHASE CUT, dim. 120x52x22mm 20W, 220-240V÷50/60Hz

Twin optical head power supplies V (1050mA)

9D105010AL	ON-OFF, dim. 76x38x23mm, 10W, 220-240V÷50/60Hz
9D105020DDEL	DALI/PUSH, dim. 151x43x28mm, 20W, 220-240÷50/60Hz
9D105020DAEL	1-10V, dim. 151x43x28mm, 20W, 220-240÷50/60Hz
9D105060CASTC	CASAMBI, dim. 124x79x22mm 60W, 220-240V÷50/60Hz
9D105045TFTC	PHASE CUT, dim. 174x83x35mm, 45W, 220-240V÷50/60Hz

Twin optical head power supplies N-2 (700mA)

9D070019AL	ON-OFF, dim. 125x38x23mm, 19W, 220-240V÷50/60Hz
9D070020DDTC	DALI, dim. 120x52x22mm 20W, 220-240V÷50/60Hz
9D070020DATC	1-10V/PUSH, dim. 120x52x22mm 20W, 220-240V÷50/60Hz
9D070036CASTC	CASAMBI, dim. 147x44x30mm 36W, 220-240V÷50/60Hz
9D070020TFTC	PHASE CUT, dim. 120x52x22mm 20W, 220-240V÷50/60Hz

Twin optical head power supplies S-M-F-W-6 (500mA)

9D050019AL	ON-OFF, dim. 125x38x23mm, 20W, 220-240V÷50/60Hz
9D050020DDTC	DALI, dim. 120x52x22mm 20W, 220-240V÷50/60Hz
9D050020DATC	1-10V/PUSH, dim. 120x52x22mm 20W, 220-240V÷50/60Hz
9D050027CASTC	CASAMBI, dim. 147x44x30mm 27W, 220-240V÷50/60Hz
9D050020TFTC	PHASE CUT, dim. 120x52x22mm 20W, 220-240V÷50/60Hz

Quad optical head power supplies V (1050mA)

9D105022TC	ON-OFF, dim. 130x38x28mm, 22W, 220-240V÷50/60Hz
9D105020DDEL	DALI/PUSH, dim. 151x43x28mm, 20W, 220-240÷50/60Hz
9D105020DAEL	1-10V, dim. 151x43x28mm, 20W, 220-240÷50/60Hz
9D105060CASTC	CASAMBI, dim. 124x79x22mm 60W, 220-240V÷50/60Hz
9D105045TFTC	PHASE CUT, dim. 174x83x35mm, 45W, 220-240V÷50/60Hz

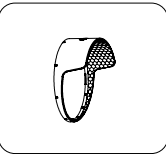
Quad optical head power supplies N-2 (700mA)

9D070050TC	ON-OFF, dim. 124x79x22mm, 50W, 220-240V÷50/60Hz
9D070050DDTC	DALI/PUSH/1-10V, dim. 124x79x22mm, 50W, 220-240V÷50/60Hz
9D070050CASTC	CASAMBI, dim. 124x79x22mm 50W, 220-240V÷50/60Hz
9D070040TFMW	PHASE CUT, dim. 143x60x32mm 39W, 220-240V÷50/60Hz

Quad optical head power supplies S-M-F-W-6 (500mA)

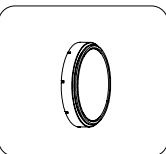
9D050042MW	ON-OFF, dim. 124x82x23mm, 42W, 220-240V÷50/60Hz
9D050042DDMW	DALI/PUSH, dim. 124x82x23mm, 42W, 220-240V÷50/60Hz
9D050056DDTC	1-10V, dim. 124x79x22mm, 56W, 220-240V÷50/60Hz
9D050042CASMW	CASAMBI, dim. 124x82x23mm, 42W, 220-240V÷50/60Hz
9D050040TFMW	PHASE CUT, dim. 143x60x32mm 40W, 220-240V÷50/60Hz

DARK SMALL TILT Accessories



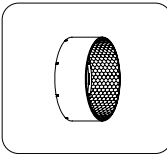
Visor

Partial rotatable glare control, necessary to shield any directional glare.



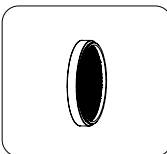
Elliptical lens

Rotatable lens to obtain the elliptical deformation of the beam, amplitude and variable characteristics depending on the chosen optical combination.



Snoot

Omnidirectional glare reducer, necessary to shield any radial disturbances.



Honeycomb

Honeycomb lens, necessary to shield any radial disturbances.

DARK MEDIUM TILT



Recessed adjustable spotlight, extremely compact for professional lighting, designed to achieve maximum performance in the smallest size, equipped with the new Revo optical system with 'Cross-Beam' technology, it allows extraordinary performances and precise beam projection.

The adjustable versions guarantee inclinations up to 40 ° without any deformation of the beam or decrease in lumen output.

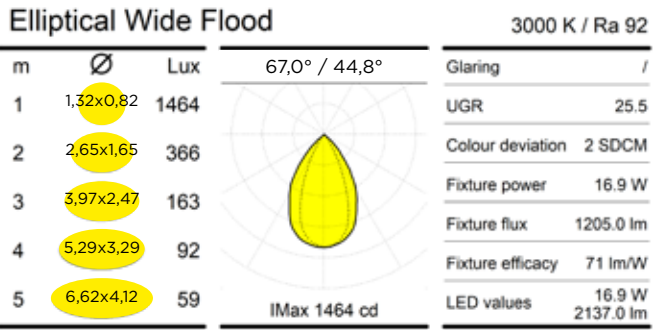
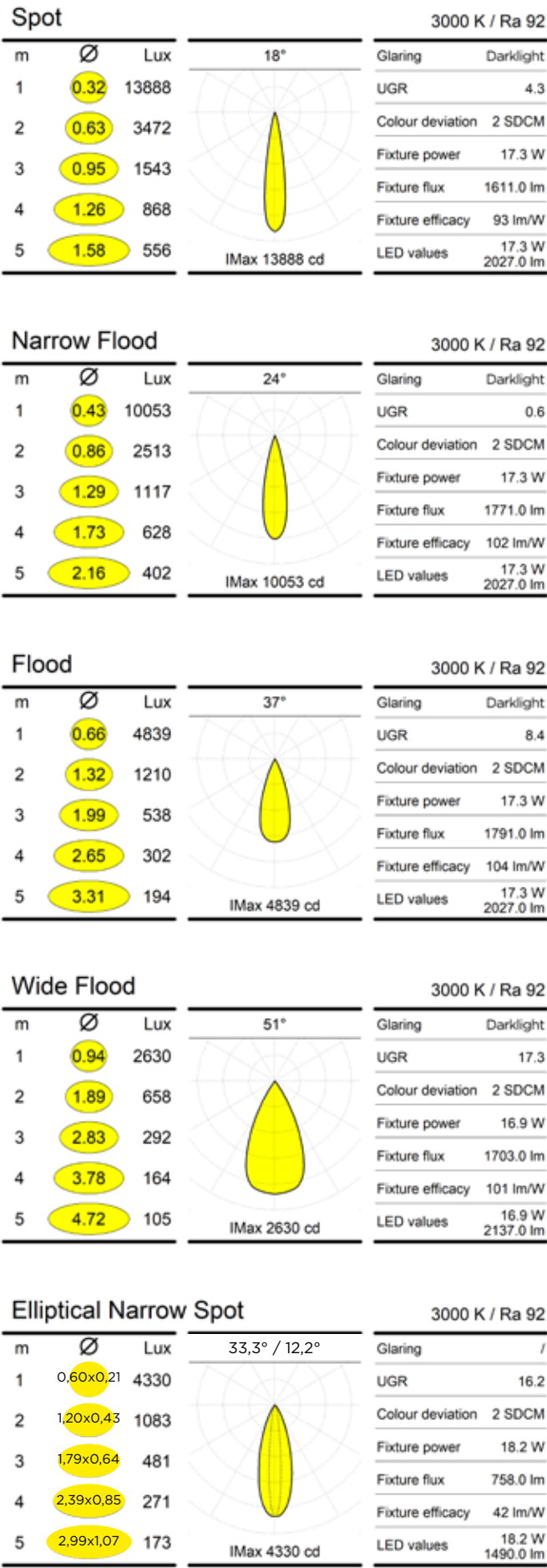
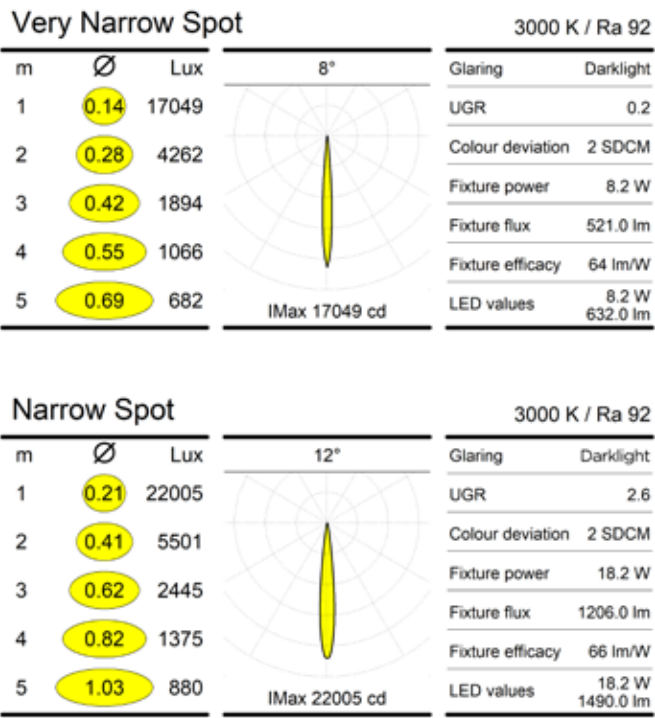
Equipped with a unique 'anti-slot' system designed to avoid the visibility of the void space, allows us to achieve great aesthetic cleanliness and rigorous design in all directions.

The Dark family in all its versions stands out for its very high visual comfort and for the Lux / Watt ratio that it manages to deliver while maintaining retrospective illumination factors between wattage/power and dimensions.

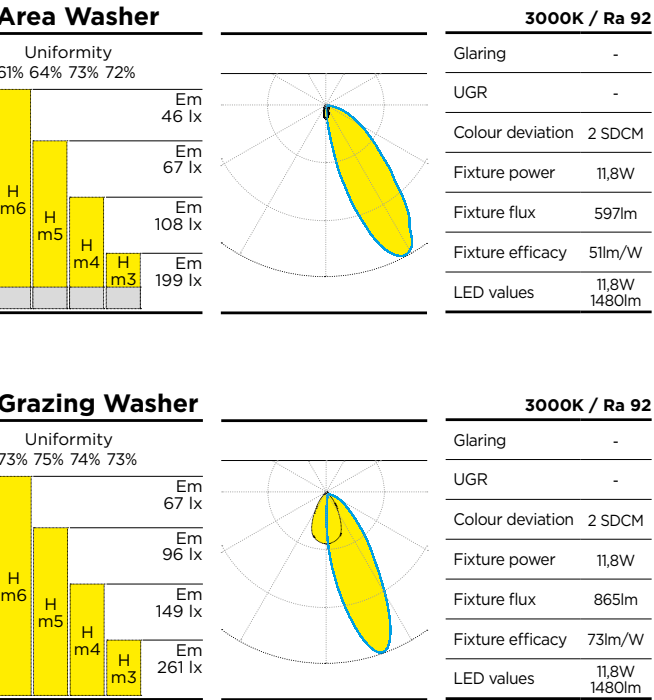
The new quick-installation trimless system speeds up and facilitates the integration of the product into the plasterboard thanks to a special 3mm-thick cross-linked ring nut that guarantees precision and cleanliness of the result.

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

REVO

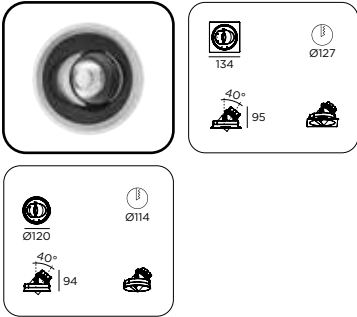


LOW CONTRAST



DARK MEDIUM TILT

DARK MEDIUM TILT TRIM



133	DARK TILT MEDIUM
+	
Version	
80	1X ROUND TRIM
81	1X SQUARE TRIM
+	
Control	
R	Remote driver
+	
Finishing	
W	Matt white txt
B	Matt black txt
9	Concrete grey
L	Gold txt
C	Copper txt
+	
CRI-CCT	
22	CRI92 2700K
23	CRI92 3000K
27	CRI92 3500K
24	CRI92 4000K
82	CRI98 2700K *
83	CRI98 3000K *
87	CRI98 3500K *
84	CRI98 4000K *
* Not available on optics V	
+	
Optic	
V	Very Narrow Spot 8°-8,2W
N	Narrow Spot 12°-18,2W
2	Elliptical Narrow Spot 18,2W
S	Spot 18°-17,3W
M	Narrow Flood 24°-17,3W
F	Flood 37°-17,3W
W	Wide Flood 51°-16,9W
6	Elliptical Wide Flood 16,9W
G	Grazing Washer 11,8W
A	Area Washer 11,8W

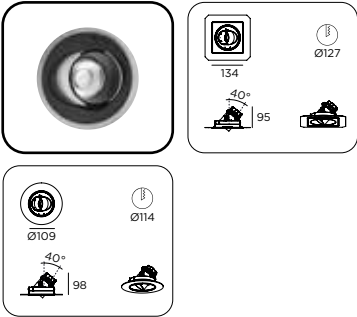


Accessories	
N	No accessories
V	Visor **
H	Honeycomb ***
D	Diffusing glass ***
S	Snoot ***
HD	Honeycomb + Diffusing glass ***
HE	Honeycomb + elliptical lens
HS	Honeycomb + snoot ***
HV	Honeycomb + visor ***
DS	Diffusing glass + snoot ***
DV	Diffusing glass + visor ***
HDS	Honeycomb + diffusing glass + snoot ***
HDV	Honeycomb + diffusing glass + visor ***
E	Elliptical lens ****
ES	Elliptical lens + snoot ****
EV	Elliptical lens + visor ****
HES	Honeycomb + elliptical lens + snoot ****
HEV	Honeycomb + elliptical lens + visor ****

** Not available on optics G,A
*** Not available on optics 2,6,G,A
**** Not available on optics N,2,W,6,G,A

Independent accessories	
9G079	Visor
9G080	Snoot
9G082	Elliptical lens
9G083	Diffusing glass
9G084	Honeycomb
9G085	Primary ring

DARK MEDIUM TILT TRIMLESS



133	DARK TILT MEDIUM
+	
Version	
8A	1X ROUND TRIMLESS
8B	1X SQUARE TRIMLESS
+	
Control	
R	Remote driver
+	
Finishing	
W	Matt white txt
B	Matt black txt
9	Concrete grey
L	Gold txt
C	Copper txt
+	
CRI-CCT	
22	CRI92 2700K
23	CRI92 3000K
27	CRI92 3500K
24	CRI92 4000K
82	CRI98 2700K *
83	CRI98 3000K *
87	CRI98 3500K *
84	CRI98 4000K *
* Not available on optics V	
+	
Optic	
V	Very Narrow Spot 8°-8,2W
N	Narrow Spot 12°-18,2W
2	Elliptical Narrow Spot 18,2W
S	Spot 18°-17,3W
M	Narrow Flood 24°-17,3W
F	Flood 37°-17,3W
W	Wide Flood 51°-16,9W
6	Elliptical Wide Flood 16,9W
G	Grazing Washer 11,8W
A	Area Washer 11,8W



Accessories	
N	No accessories
V	Visor **
H	Honeycomb ***
D	Diffusing glass ***
S	Snoot ***
HD	Honeycomb + Diffusing glass ***
HE	Honeycomb + elliptical lens
HS	Honeycomb + snoot ***
HV	Honeycomb + visor ***
DS	Diffusing glass + snoot ***
DV	Diffusing glass + visor ***
HDS	Honeycomb + diffusing glass + snoot ***
HDV	Honeycomb + diffusing glass + visor ***
E	Elliptical lens ****
ES	Elliptical lens + snoot ****
EV	Elliptical lens + visor ****
HES	Honeycomb + elliptical lens + snoot ****
HEV	Honeycomb + elliptical lens + visor ****

** Not available on optics G,A
*** Not available on optics 2,6,G,A
**** Not available on optics N,2,W,6,G,A

Independent accessories	
9G079	Visor
9G080	Snoot
9G082	Elliptical lens
9G083	Diffusing glass
9G084	Honeycomb
9G085	Primary ring

DARK MEDIUM TILT Power supply

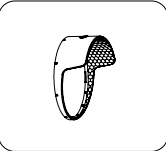
Single Head Power Supplies V (700mA)	
9D070009AL	ON-OFF, dim. 76x38x23mm, 9W, 220-240V÷50/60Hz
9D070020DDTC	DALI, dim. 120x52x22mm 20W, 220-240V÷50/60Hz
9D070020DATC	1-10V/PUSH, dim. 120x52x22mm 20W, 220-240V÷50/60Hz
9D070036CASTC	CASAMBI, dim. 147x44x30mm 36W, 220-240V÷50/60Hz
9D070020TFTC	PHASE CUT, dim. 120x52x22mm 20W, 220-240V÷50/60Hz

Single Head Power Supplies S-M-F-W-6 (500mA)	
9D050019AL	ON-OFF, dim. 125x38x23mm, 20W, 220-240V÷50/60Hz
9D050020DDTC	DALI, dim. 120x52x22mm 20W, 220-240V÷50/60Hz
9D050020DATC	1-10V/PUSH, dim. 120x52x22mm 20W, 220-240V÷50/60Hz
9D050027CASTC	CASAMBI, dim. 147x44x30mm 27W, 220-240V÷50/60Hz
9D050020TFTC	PHASE CUT, dim. 120x52x22mm 20W, 220-240V÷50/60Hz

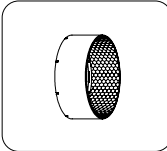
Single Head Power Supplies N-2 (900mA)	
9D090038TC	ON-OFF, dim. 147x44x22mm 38W, 220-240V÷50/60Hz
9D090038DDTC	DALI/PUSH, dim. 147x44x30mm 38W, 220-240V÷50/60Hz
9D090020DATC	1-10V, dim. 120x52x22mm 20W, 220-240V÷50/60Hz
9D090038CASTC	CASAMBI, dim. 147x44x30mm 38W, 220-240V÷50/60Hz
9D090020TFTC	PHASE CUT, dim. 120x52x22mm 20W, 220-240V÷50/60Hz

Single Head Power Supplies G-A (350mA)	
9D035014AL	ON-OFF, dim. 125x38x23mm 14W, 220-240V÷50/60Hz
9D035017DDTC	DALI, dim. 120x52x22mm 17W, 220-240V÷50/60Hz
9D035018DATC	1-10V/PUSH, dim. 120x52x22mm 18W, 220-240V÷50/60Hz
9D035018CASTC	CASAMBI, dim. 147x44x30mm 18W, 220-240V÷50/60Hz
9D035017TFTC	PHASE CUT, dim. 120x52x22mm 17W, 220-240V÷50/60Hz

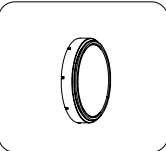
DARK MEDIUM TILT Accessories



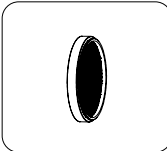
Visor
Partial rotatable glare control, necessary to shield any directional glare.



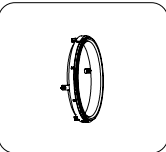
Snoot
Omnidirectional glare reducer, necessary to shield any radial disturbances.



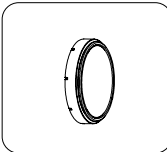
Elliptical lens
Rotatable lens to obtain the elliptical deformation of the beam, amplitude and variable characteristics depending on the chosen optical combination.



Honeycomb
Honeycomb lens, necessary to shield any radial disturbances.



Primary ring
Primary ring that allows the housing of any accessory, to be fixed on the front of the standard ring.



Diffusing glass
Specific lens to obtain further visual diffusion.

DARK COMPACT TILT



Adjustable recessed spotlight with a compact design dedicated to professional lighting projects, designed to achieve maximum performance in the smallest size, equipped with the new Revo optical system with ‘Cross-Beam’ technology, it allows extraordinary efficiency and precise beam projection.

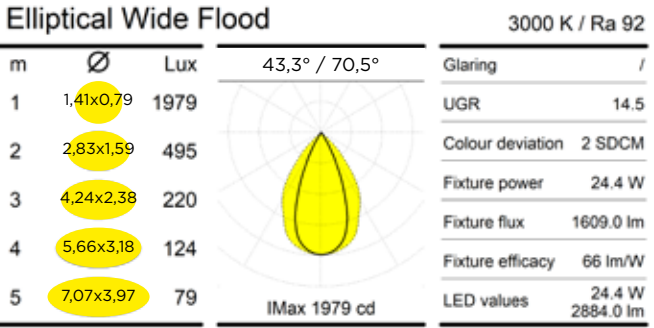
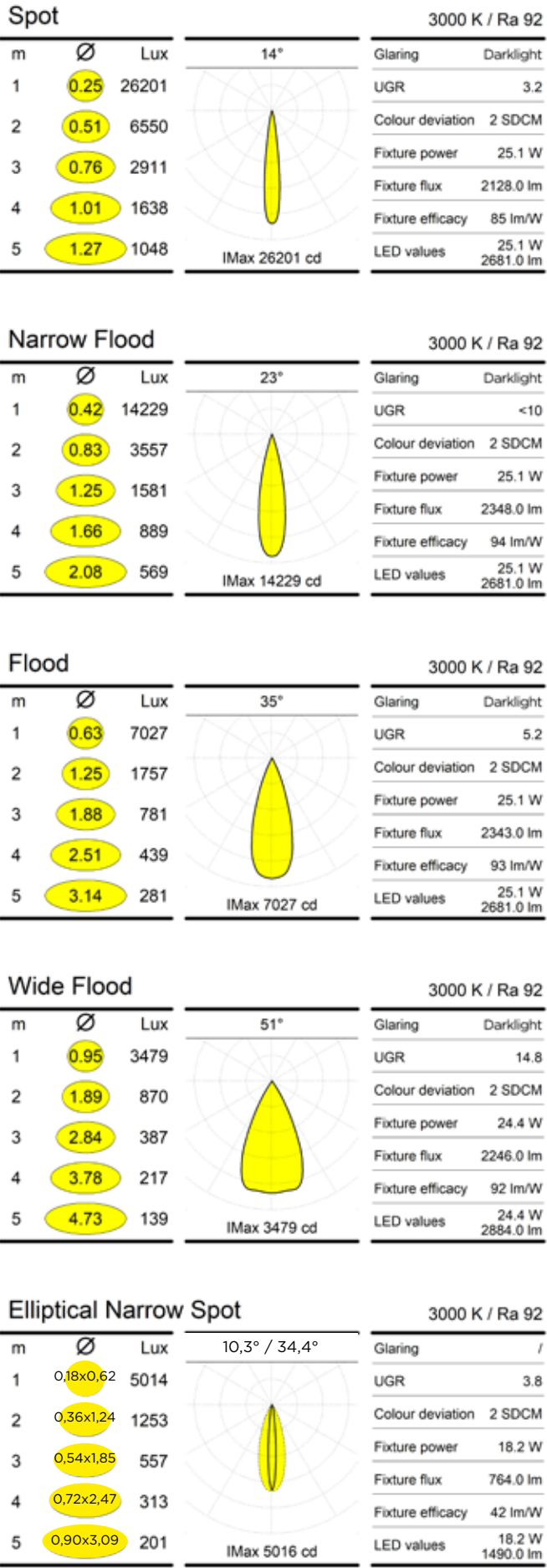
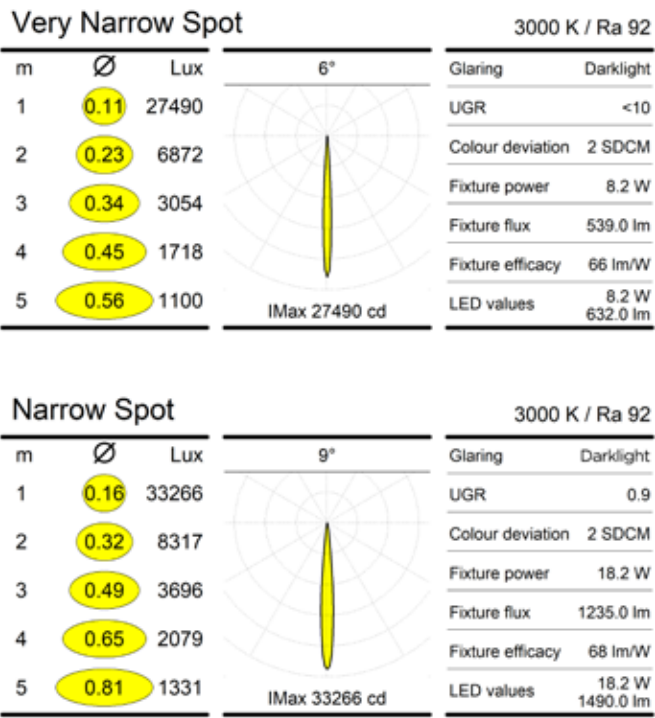
The adjustable versions guarantee inclinations up to 40 ° without any deformation of the beam or decrease in lumen output. Equipped with a unique ‘anti-slot’ system designed to avoid the visibility of the void space, allows us to achieve great aesthetic cleanliness and rigorous design in all directions.

The Dark family in all its versions stands out for its very high visual comfort and for the Lux / Watt ratio that it manages to deliver while maintaining retrospective illumination factors between wattage/power and dimensions.

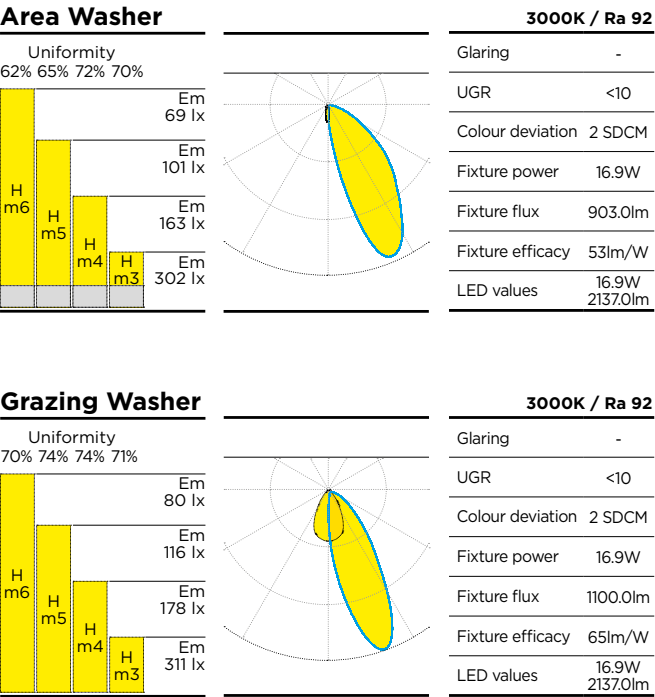
The new quick-installation trimless system speeds up and facilitates the integration of the product into the plasterboard thanks to a special 3mm-thick cross-linked ring nut that guarantees precision and cleanliness of the result.

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

REVO

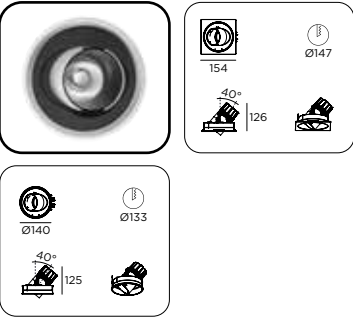


LOW CONTRAST



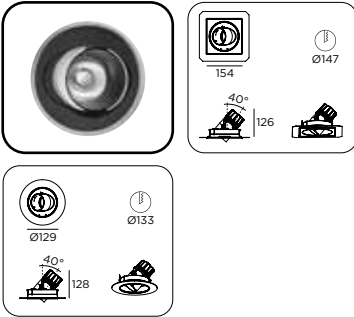
DARK COMPACT TILT

DARK COMPACT TILT TRIM



134	DARK TILT COMPACT
+	
Version	
80	1X ROUND TRIM
81	1X SQUARE TRIM
+	
Control	
R	Remote driver
+	
Finishing	
W	Matt white txt
B	Matt black txt
9	Concrete grey
L	Gold txt
C	Copper txt
+	
CRI-CCT	
22	CRI92 2700K
23	CRI92 3000K
27	CRI92 3500K
24	CRI92 4000K
82	CRI98 2700K *
83	CRI98 3000K *
87	CRI98 3500K *
84	CRI98 4000K *
* Not available on optics V	
+	
Optic	
V	Very Narrow Spot 6°-8,2W
N	Narrow Spot 9°-18,2W
2	Elliptical Narrow Spot 18,2W
S	Spot 14°-25,1W
M	Narrow Flood 23°-25,1W
F	Flood 35°-25,1W
W	Wide Flood 51°-24,4W
6	Elliptical Wide Flood 24,4W
G	Grazing Washer 16,9W
A	Area Washer 16,9W

DARK COMPACT TILT TRIMLESS



134	DARK TILT COMPACT
+	
Version	
8A	1X ROUND TRIMLESS
8B	1X SQUARE TRIMLESS
+	
Control	
R	Remote driver
+	
Finishing	
W	Matt white txt
B	Matt black txt
9	Concrete grey
L	Gold txt
C	Copper txt
+	
CRI-CCT	
22	CRI92 2700K
23	CRI92 3000K
27	CRI92 3500K
24	CRI92 4000K
82	CRI98 2700K *
83	CRI98 3000K *
87	CRI98 3500K *
84	CRI98 4000K *
* Not available on optics V	
+	
Optic	
V	Very Narrow Spot 6°-8,2W
N	Narrow Spot 9°-18,2W
2	Elliptical Narrow Spot 18,2W
S	Spot 14°-25,1W
M	Narrow Flood 23°-25,1W
F	Flood 35°-25,1W
W	Wide Flood 51°-24,4W
6	Elliptical Wide Flood 24,4W
G	Grazing Washer 16,9W
A	Area Washer 16,9W

Independent accessories	
9G086	Visor
9G087	Snoot
9G089	Elliptical lens
9G090	Diffusing glass
9G091	Honeycomb
9G092	Primary ring

DARK COMPACT TILT Power supply

Single Head Power Supplies V (700mA)	
9D070009AL	ON-OFF, dim. 76x38x23mm, 9W, 220-240V÷50/60Hz
9D070020DDTC	DALI, dim. 120x52x22mm 20W, 220-240V÷50/60Hz
9D070020DATC	1-10V/PUSH, dim. 120x52x22mm 20W, 220-240V÷50/60Hz
9D070036CASTC	CASAMBI, dim. 147x44x30mm 36W, 220-240V÷50/60Hz
9D070020TFTC	PHASE CUT, dim. 120x52x22mm 20W, 220-240V÷50/60Hz

Single Head Power Supplies S-M-F-W-6 (700mA)	
9D070031TC	ON-OFF, dim. 147x44x22mm 31W, 220-240V÷50/60Hz
9D070038DDTC	DALI/PUSH, dim. 147x44x30mm 38W, 220-240V÷50/60Hz
9D070032DATC	1-10V/PUSH, dim. 103x67x22mm 32W, 220-240V÷50/60Hz
9D070036CASTC	CASAMBI, dim. 147x44x30mm 36W, 220-240V÷50/60Hz
9D070032TFTC	PHASE CUT, dim. 166x46x34mm 32W, 220-240V÷50/60Hz

Single Head Power Supplies N-2 (900mA)	
9D090038TC	ON-OFF, dim. 147x44x22mm 38W, 220-240V÷50/60Hz
9D090038DDTC	DALI/PUSH, dim. 147x44x30mm 38W, 220-240V÷50/60Hz
9D090020DATC	1-10V, dim. 120x52x22mm 20W, 220-240V÷50/60Hz
9D090038CASTC	CASAMBI, dim. 147x44x30mm 38W, 220-240V÷50/60Hz
9D090020TFTC	PHASE CUT, dim. 120x52x22mm 20W, 220-240V÷50/60Hz

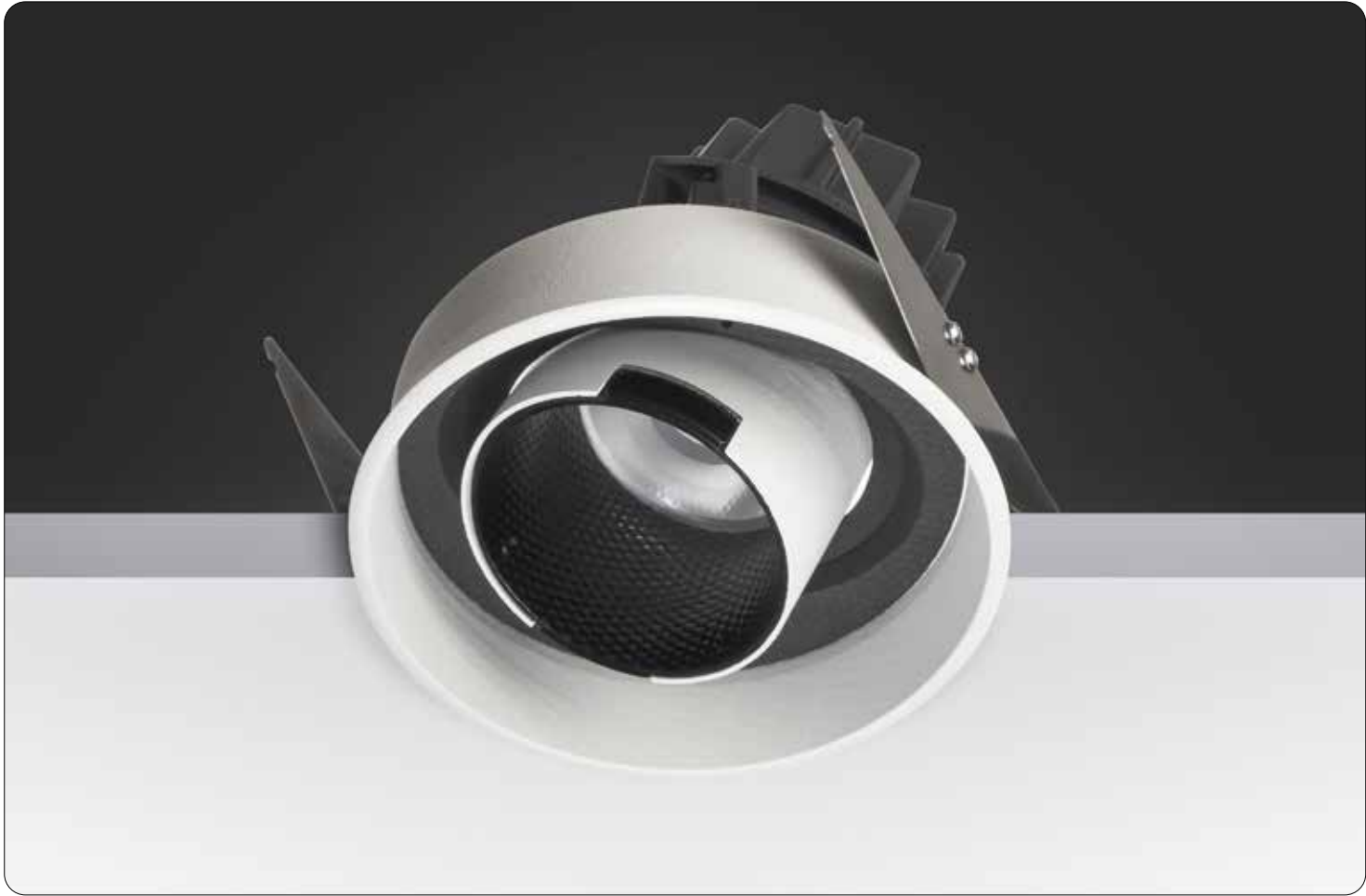
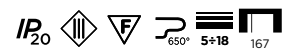
Single Head Power Supplies A-G (500mA)	
9D050019AL	ON-OFF, dim. 125x38x23mm, 20W, 220-240V÷50/60Hz
9D050020DDTC	DALI, dim. 120x52x22mm 20W, 220-240V÷50/60Hz
9D050020DATC	1-10V/PUSH, dim. 120x52x22mm 20W, 220-240V÷50/60Hz
9D050027CASTC	CASAMBI, dim. 147x44x30mm 27W, 220-240V÷50/60Hz
9D050020TFTC	PHASE CUT, dim. 120x52x22mm 20W, 220-240V÷50/60Hz

DARK COMPACT TILT Accessories

	Visor Partial rotatable glare control, necessary to shield any directional glare.
	Elliptical lens Rotatable lens to obtain the elliptical deformation of the beam, amplitude and variable characteristics depending on the chosen optical combination.
	Primary ring Primary ring that allows the housing of any accessory, to be fixed on the front of the standard ring.

	Snoot Omnidirectional glare reducer, necessary to shield any radial disturbances.
	Honeycomb Honeycomb lens, necessary to shield any radial disturbances.
	Diffusing glass Specific lens to obtain further visual diffusion.

DARK MAX TILT



Adjustable recessed spotlight with a compact design dedicated to professional lighting projects, designed to achieve maximum performance in the smallest size, equipped with the new Revo optical system with 'Cross-Beam' technology, it allows extraordinary efficiency and precise beam projection.

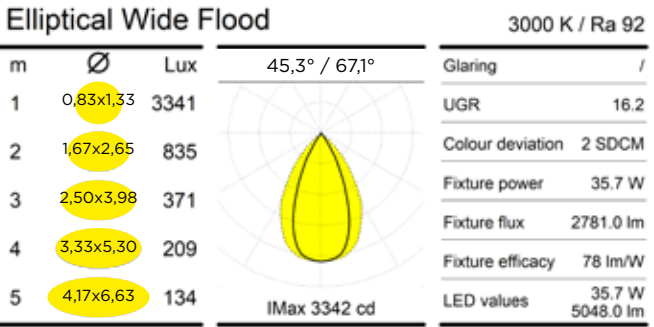
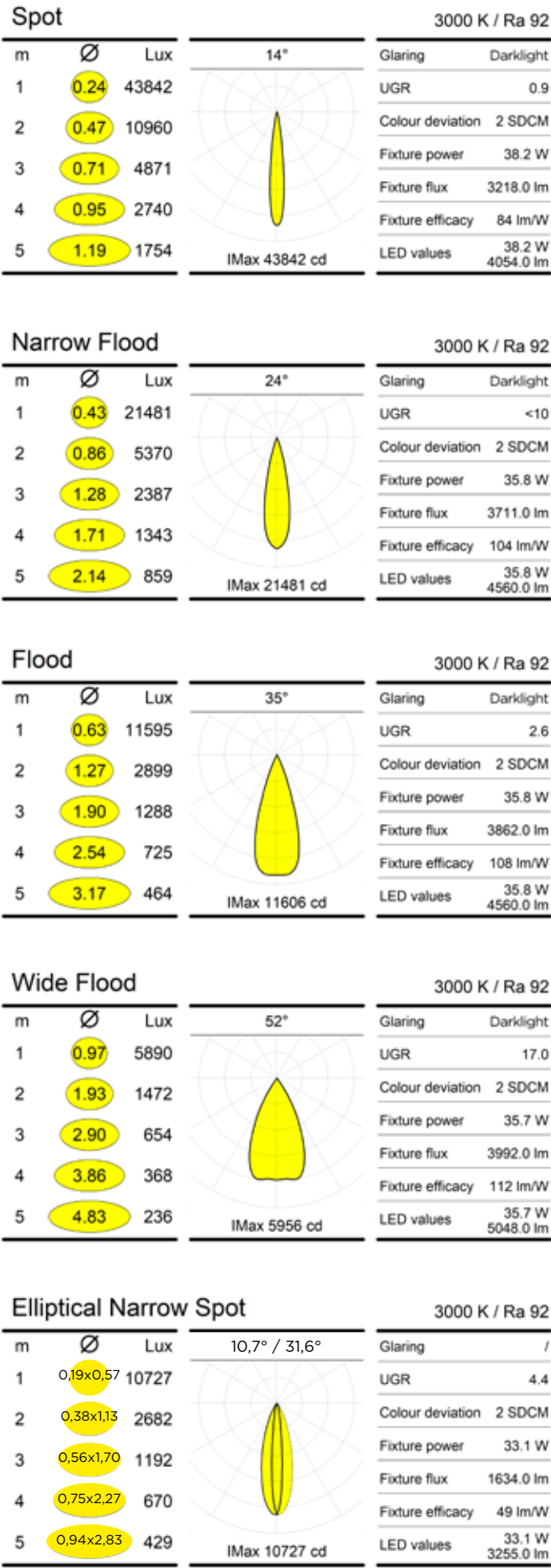
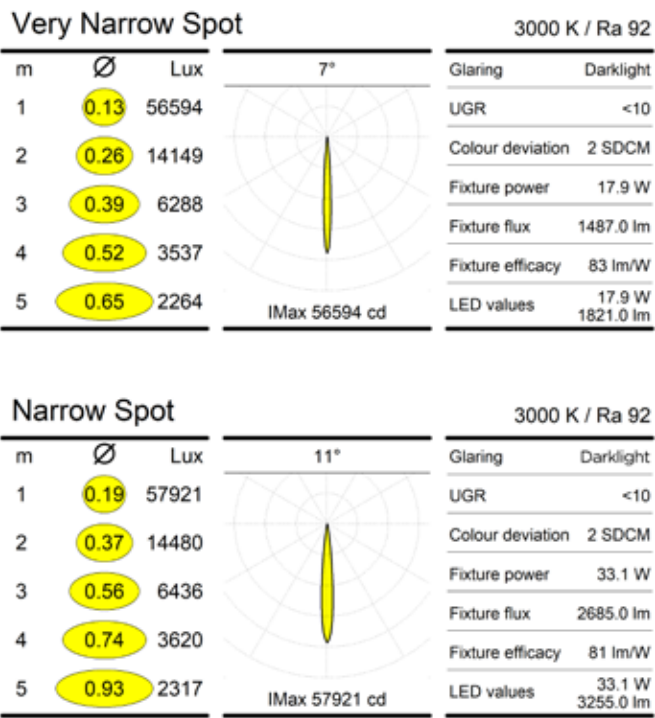
Equipped with a unique 'anti-slot' system designed to avoid the visibility of the void space, allows us to achieve great aesthetic cleanliness and rigorous design in all directions.

The Dark family in all its versions stands out for its very high visual comfort and for the Lux / Watt ratio that it manages to deliver while maintaining retrospective illumination factors between wattage/power and dimensions.

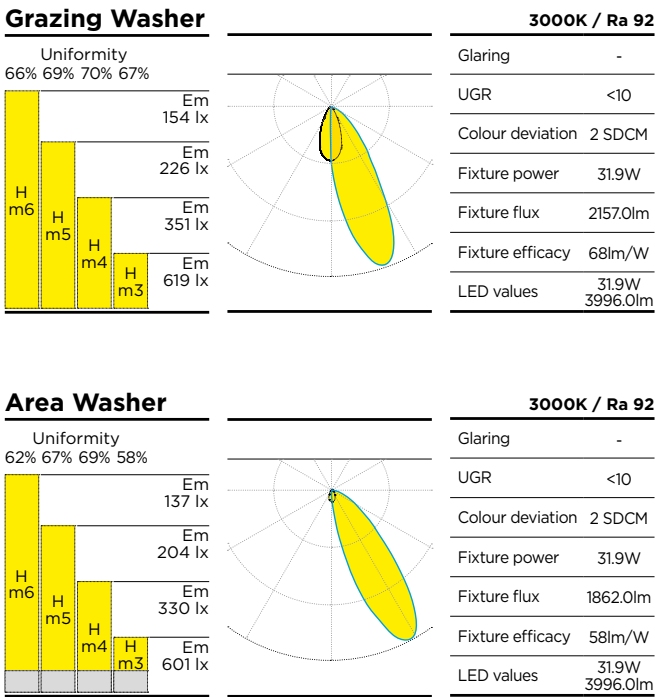
The new quick-installation trimless system speeds up and facilitates the integration of the product into the plasterboard thanks to a special 3mm-thick cross-linked ring nut that guarantees precision and cleanliness of the result.

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

REVO

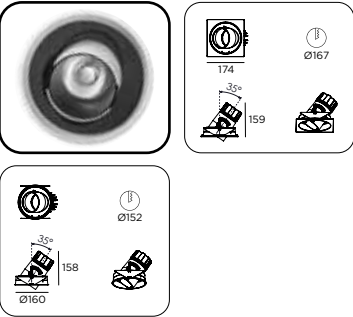


LOW CONTRAST



DARK MAX TILT

DARK MAX TILT TRIM

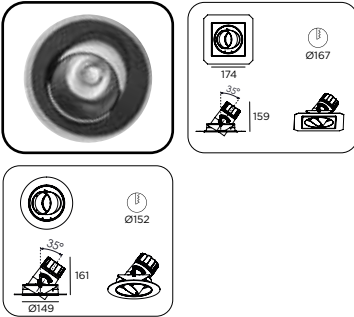


135	DARK TILT MAX
+	
Version	
80	1X ROUND TRIM
81	1X SQUARE TRIM
+	
Control	
R	Remote driver
+	
Finishing	
W	Matt white txt
B	Matt black txt
9	Concrete grey
L	Gold txt
C	Copper txt
+	
CRI-CCT	
22	CRI92 2700K
23	CRI92 3000K
27	CRI92 3500K
24	CRI92 4000K
82	CRI98 2700K
83	CRI98 3000K
87	CRI98 3500K
84	CRI98 4000K
+	
Optic	
V	Very Narrow Spot 7°-17,9W
N	Narrow Spot 11°-33,1W
2	Elliptical Narrow Spot 33,1W
S	Spot 14°-38,2W
M	Narrow Flood 24°-35,8W
F	Flood 35°-35,8W
W	Wide Flood 52°-35,7W
6	Elliptical Wide Flood 35,7W
G	Grazing Washer 31,9W
A	Area Washer 31,9W
+	



Independent accessories	
9G093	Visor
9G094	Snoot
9G096	Elliptical lens
9G097	Diffusing glass
9G098	Honeycomb
9G099	Primary ring

DARK MAX TILT TRIMLESS



135	DARK TILT MAX
+	
Version	
8A	1X ROUND TRIMLESS
8B	1X SQUARE TRIMLESS
+	
Control	
R	Remote driver
+	
Finishing	
W	Matt white txt
B	Matt black txt
9	Concrete grey
L	Gold txt
C	Copper txt
+	
CRI-CCT	
22	CRI92 2700K
23	CRI92 3000K
27	CRI92 3500K
24	CRI92 4000K
82	CRI98 2700K
83	CRI98 3000K
87	CRI98 3500K
84	CRI98 4000K
+	
Optic	
V	Very Narrow Spot 7°-17,9W
N	Narrow Spot 11°-33,1W
2	Elliptical Narrow Spot 33,1W
S	Spot 14°-38,2W
M	Narrow Flood 24°-35,8W
F	Flood 35°-35,8W
W	Wide Flood 52°-35,7W
6	Elliptical Wide Flood 35,7W
G	Grazing Washer 31,9W
A	Area Washer 31,9W
+	



Independent accessories	
9G093	Visor
9G094	Snoot
9G096	Elliptical lens
9G097	Diffusing glass
9G098	Honeycomb
9G099	Primary ring

DARK MAX TILT Power supply

Single Head Power Supplies V (1050mA)	
9D105022TC	ON-OFF, dim. 130x38x28mm, 22W, 220-240V÷50/60Hz
9D105020DDEL	DALI/PUSH, dim. 151x43x28mm, 20W, 220-240÷50/60Hz
9D105020DAEL	1-10V, dim. 151x43x28mm, 20W, 220-240÷50/60Hz
9D105050CASTC	CASAMBI dim. 124x79x22mm, 50W, 220-240V÷50/60Hz
9D105045TFTC	PHASE CUT, dim. 174x83x35mm, 45W, 220-240V÷50/60Hz

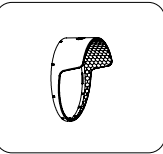
Single Head Power Supplies N-2 (900mA)	
9D090038TC	ON-OFF, dim. 147x44x22mm 38W, 220-240V÷50/60Hz
9D090060DDTC	DALI/PUSH/1-10V, dim. 124x79x22mm, 60W, 220-240V÷50/60Hz
9D090047CASTC	CASAMBI dim. 124x79x22mm, 47W, 220-240V÷50/60Hz
9D090040TFAC	PHASE CUT, dim166x52x25mm, 40W, 220-240V÷50/60Hz

Single Head Power Supplies S (1050mA)	
9D105050TC	ON-OFF, dim. 124x79x22mm, 50W, 220-240V÷50/60Hz
9D105060DDTC	DALI/PUSH/1-10V, dim. 124x79x22mm, 60W, 220-240V÷50/60Hz
9D105050CASTC	CASAMBI dim. 124x79x22mm, 50W, 220-240V÷50/60Hz
9D105045TFTC	PHASE CUT, dim. 174x83x35mm, 45W, 220-240V÷50/60Hz

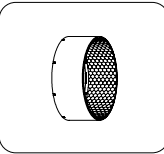
Single Head Power Supplies M-F-W-6 (1050mA)	
9D105040TC	ON-OFF, dim. 147x44x22mm 40W, 220-240V÷50/60Hz
9D105060DDTC	DALI/PUSH/1-10V, dim. 124x79x22mm, 60W, 220-240V÷50/60Hz
9D105050CASTC	CASAMBI dim. 124x79x22mm, 50W, 220-240V÷50/60Hz
9D105045TFTC	PHASE CUT, dim. 174x83x35mm, 45W, 220-240V÷50/60Hz

Single Head Power Supplies A-G (900mA)	
9D090038TC	ON-OFF, dim. 147x44x22mm 38W, 220-240V÷50/60Hz
9D090060DDTC	DALI/PUSH/1-10V, dim. 124x79x22mm, 60W, 220-240V÷50/60Hz
9D090047CASTC	CASAMBI dim. 124x79x22mm, 47W, 220-240V÷50/60Hz
9D090040TFAC	PHASE CUT, dim166x52x25mm, 40W, 220-240V÷50/60Hz

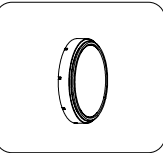
DARK MAX TILT Accessories



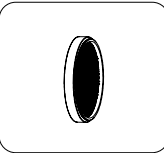
Visor
Partial rotatable glare control, necessary to shield any directional glare.



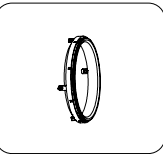
Snoot
Omnidirectional glare reducer, necessary to shield any radial disturbances.



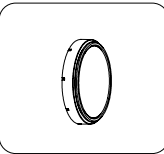
Elliptical lens
Rotatable lens to obtain the elliptical deformation of the beam, amplitude and variable characteristics depending on the chosen optical combination.



Honeycomb
Honeycomb lens, necessary to shield any radial disturbances.



Primary ring
Primary ring that allows the housing of any accessory, to be fixed on the front of the standard ring.



Diffusing glass
Specific lens to obtain further visual diffusion.

