Laser Blade XS "The Blade"
Made of Precision

iGuzzini

The Blade is
product, more
more than a
It's a declaration
The Blade
the need
another world,
the age-old
of illuminating
from
itself. The Blade
ceilings and
grooves just
to perform a
architecture
illuminate itself.
a masterpiece
nano technology
transforming a
Led into a
and uniform

more than a
than innovation,
luminaire.
of beauty.
demonstrates
to discover
it interprets
requirement
architecture
architecture
cuts through
disappears into
28mm wide
trick of light:
that opens to
The Blade is
of precision,
capable of
small invisible
powerful
circle of light.

Scale 1:1

The E

Blade

Made of Precision

Precision made of light: captured
and directed, light is freed and multiplied
through a blade, The Blade.

Miniaturisation is not just a question of manufacturing ability. We have encapsulated optical mastery and innovative know-how in just 18 mm. The light is aimed and maximised by a micro optical assembly that uses our patented Opti Beam technology. We construct the path of each ray emitted and optimise the position of every LED and its reflection on each angle of the reflector.

The sum of the individual rays guarantees maximum light uniformity by creating a sharp final effect with no colour flaws. The light source is also invisible, which guarantees excellent visual well-being. Every component and every detail is part of a sophisticated mechanism that is adjusted in-house by our team of designers who boast the same care and calm as master watchmakers.
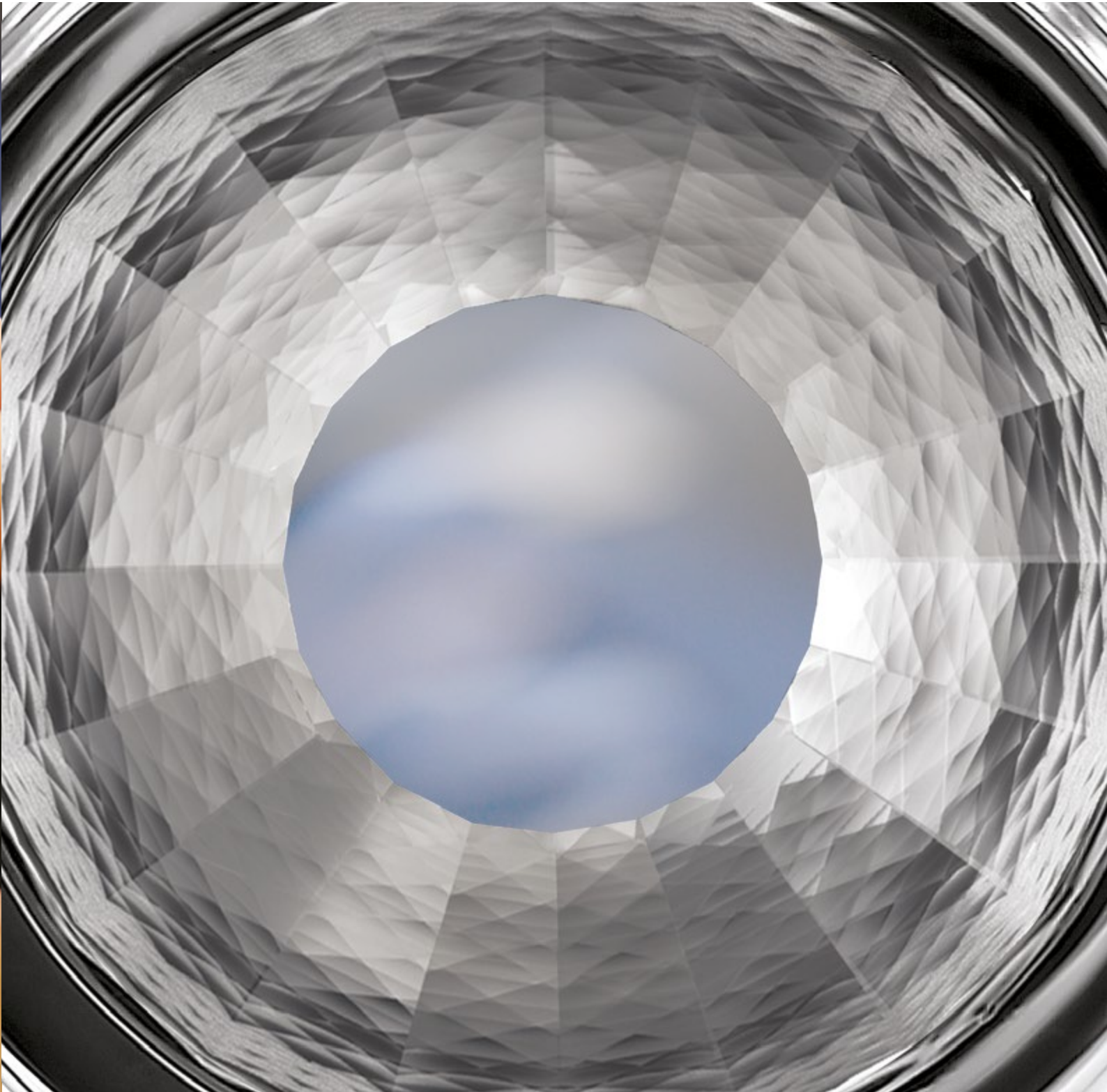
Inside architecture
From Blade to circle,
light as project component.

Laser Blade created magic by generating a luminous circle from an invisible line. defies imagination and sets itself up as a new icon of miniaturisation and precision. A gem of precision that makes light an even more important design element that blends into architecture like never before and inspires new forms of expression by redefining the relationship between space, light and design. The Blade cuts into walls to free light from the thin, powerful groove it slips into. Installation is rapid, simple and fast. We take immense care over every detail of the process and we design solutions that can adapt to any false ceiling thickness. Removable screens, extraction clips and fixture supports transform time into quality. We regard simplicity as standard. Now we can say that architecture is also light because Laser Blade XS brings together all the elements required to construct a new space that contains them.
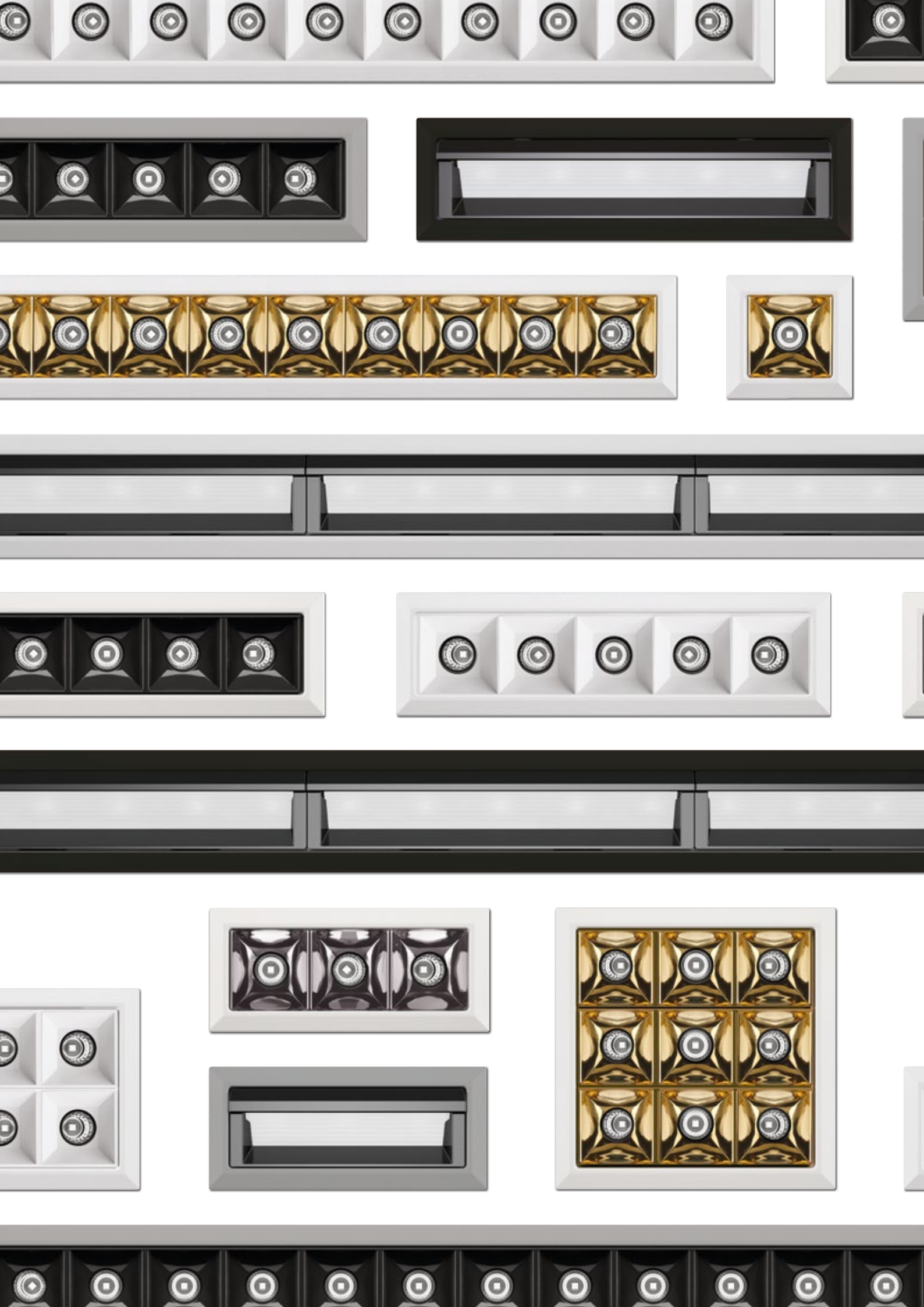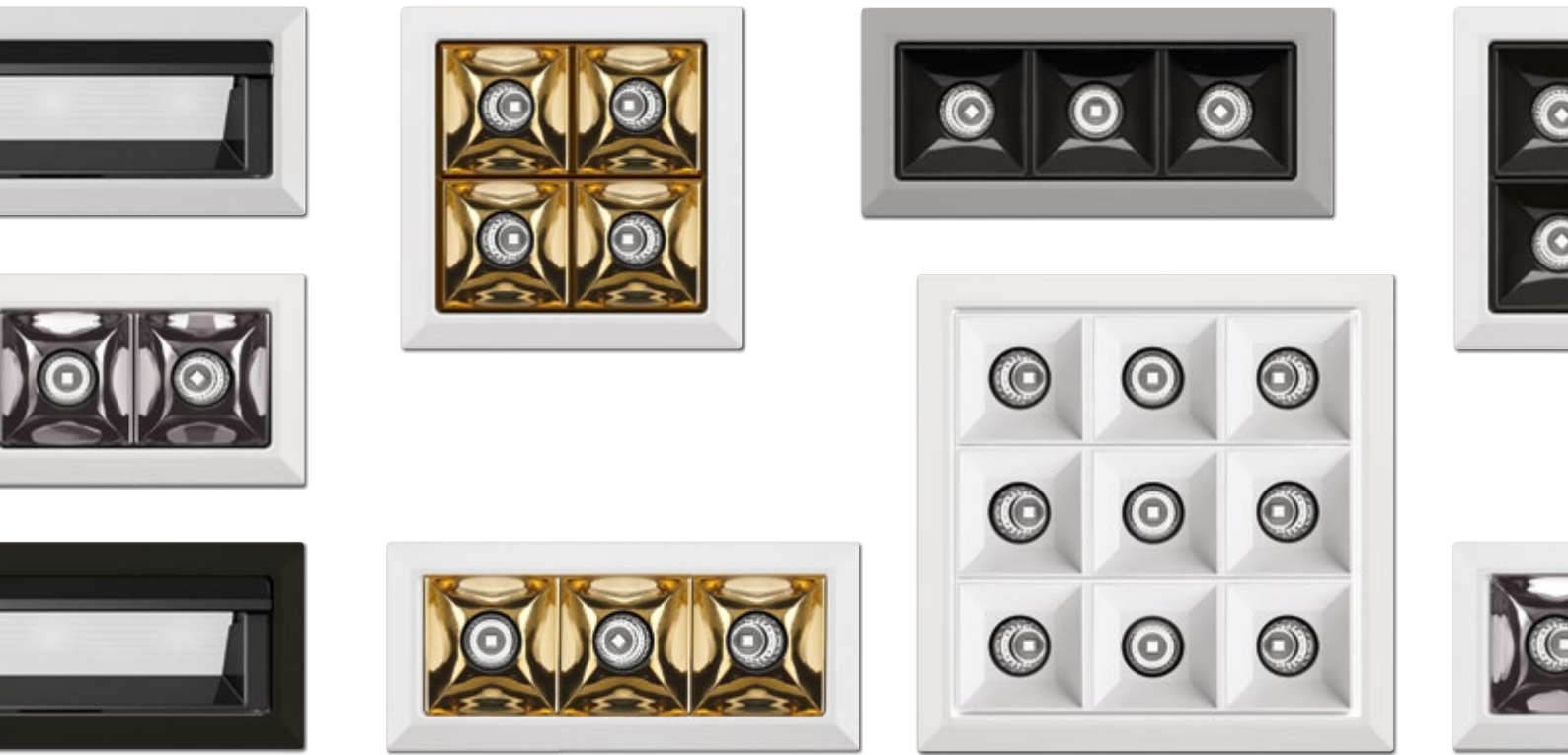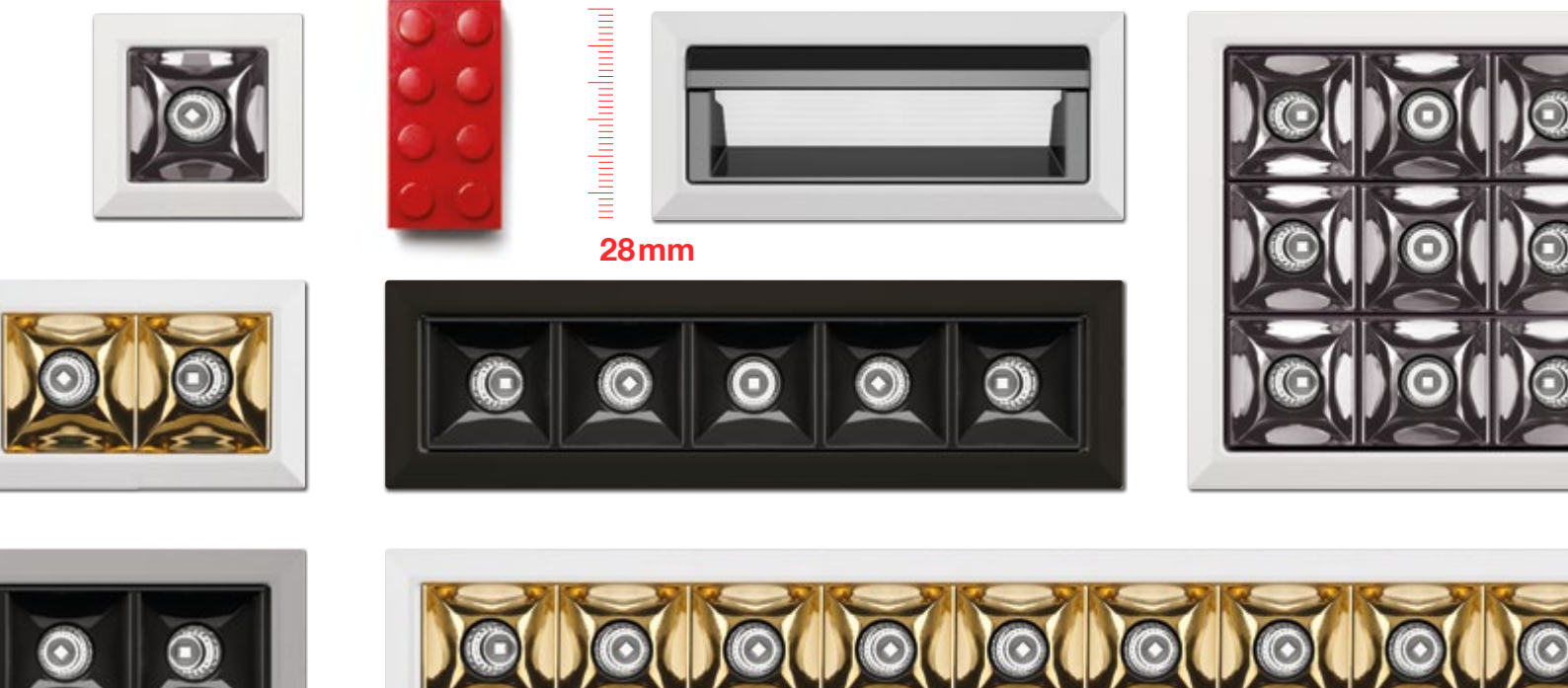
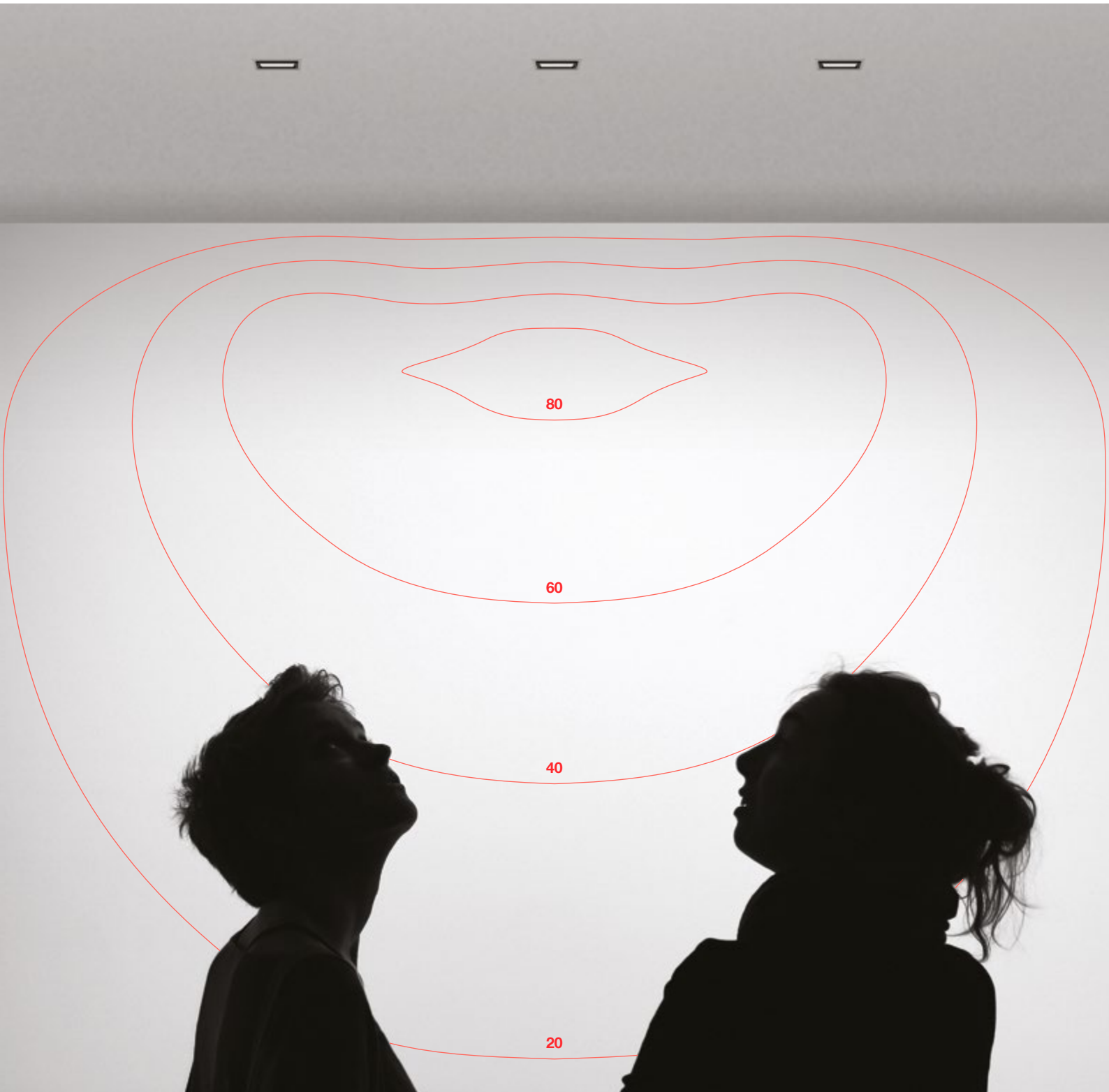28mm

An entire wall in your hand

The smallest professional wall washer
in the world is an absolute masterpiece
of high precision illumination.

80

60

40

20

As thin as a blade, it transforms optic power into vertical precision: absolute uniformity from top to bottom. Technological innovation and latest generation LEDs together with material, optic and application research have allowed us to use every precious millimeter, eliminating everything superfluous. The Wall Washer version, unique thanks to its size and performance, presents an exclusive combination of patented reflectors and optic screens that guarantee uniformity on vertical surfaces from the top to the bottom without any dark areas or scallop effects. Available also with Tunable White to reproduce different shades of white light to match natural light variations. Laser Blade XS Wall Washer has different lengths to accomodate different geometrical spaces. The result is invisible to the eyes, but not to the sight.

Scale 1:1

28 mm
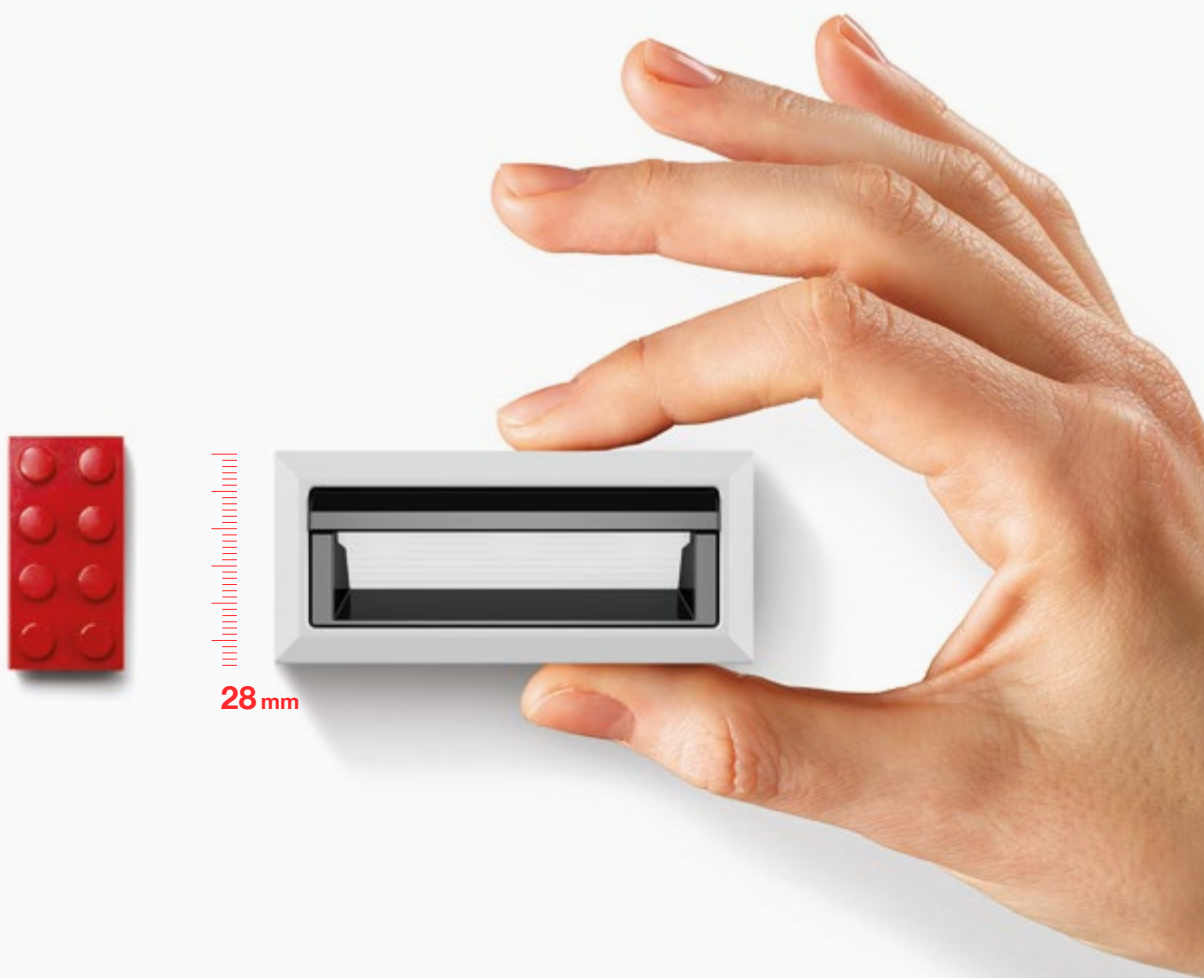
Free your Blade

Changing perceptions and opening new application opportunities where detail matters.
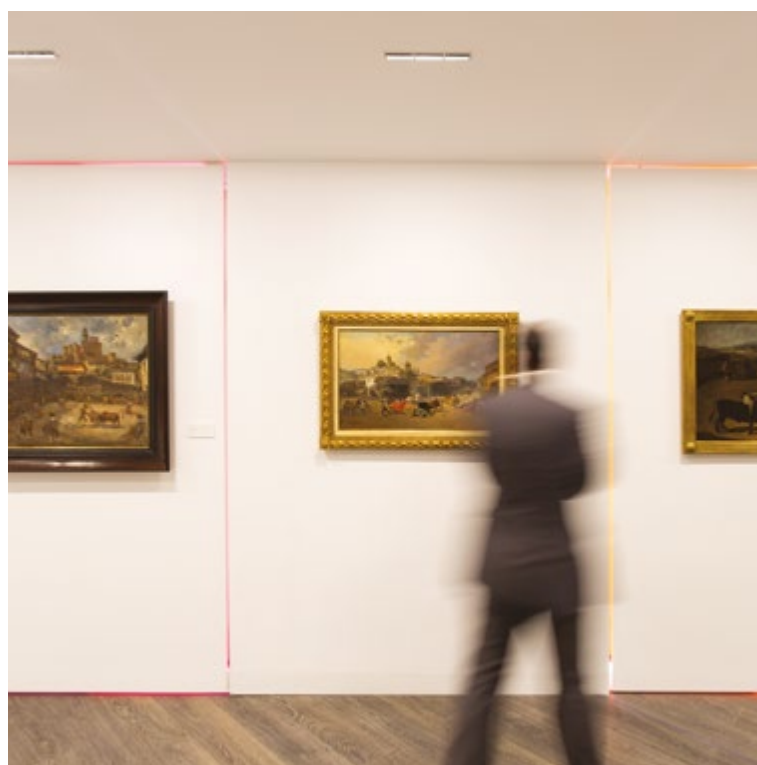
Laser Blade XS brings new sizes and new shapes, lines and squares, ito interpret perceptive languages made of architecture for architecture. The Blade is in the detail and becomes exclusive detail. Tunable White technology reproduces the nuances of white light to stimulate our emotional reactions by alternating or combining with natural light. A perfect solution for lighting numerous contexts. In retail and museum environments, where setups change according to what is displayed, Tunable White technology offers the flexibility and freedom required to meet changing needs. In hospitality and residential areas, on the other hand, the variation of white light helps create stimulating and exclusive atmospheres throughout the day or in preset periods. The Blade is responsive: it puts people at the centre and adapts to their perceptive desires.
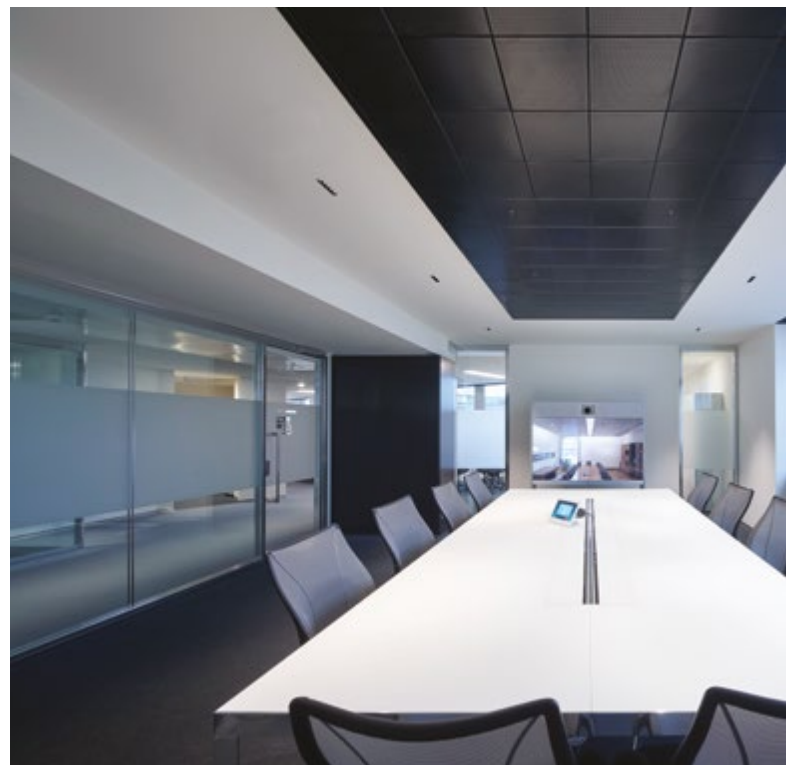
Laser

Blade

Laser Blade is a collection of forms and dimensions. Visual comfort is its hallmark.

Laser Blade
Invisible source.

Laser Blade is an icon of innovation.
It has revolutionised the concept of downlight. It is a linear product with a miniaturised optic that generates a circular emission with an extremely uniform and chromatic yield. The light source is invisible, resulting in absolute visual comfort, with UGR<10 values. Laser Blade is the result of an integrated process of different disciplines, including light science, technology, design and culture. Laser Blade

is not a device but a system of continuous innovation. It is a step forward in terms of technology, size, colour and installation. Laser Blade becomes greater and more powerful. It is coloured too and can be completely hidden. Laser Blade shrinks in size to become The Blade. Everything changes except light. Absolutely comfortable, uniform and with an extremely high chromatic selection. Laser Blade is light in continuous evolution.

28 mm

Laser Blade XS "The Blade"

44 mm

Laser Blade

86 mm

Laser Blade L

144 mm

Laser Blade XL

Overview

New
Laser Blade XS "The Blade"

| **High Contrast** | **Wall Washer** |
| Frame / Minimal | Frame / Minimal |

| | 28 | | | 64 |
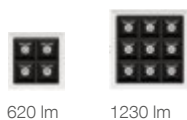
160 lm   320 lm   470 lm   780 lm

470 lm   780 lm   1380 lm

1550 lm   2310 lm

2040 lm

620 lm   1230 lm

Laser Blade L

| **High Contrast** | **Adjustable** |
| Frame / Minimal | Frame / Minimal |

| | 86 | | | 86 |

1000 lm   2200 lm

1000 lm

2750 lm

Lumen refer to the light flow from the source.
Consult iguzzini.com for system values.

18
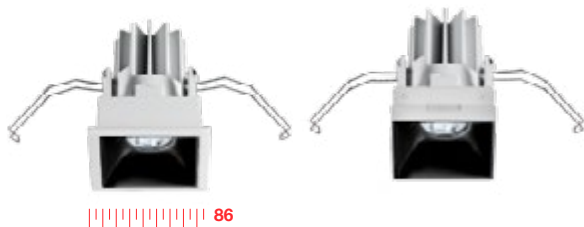
Laser Blade

High Contrast
Frame / Minimal
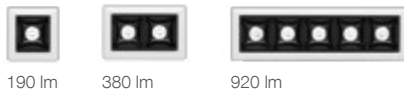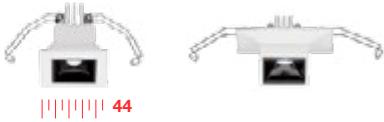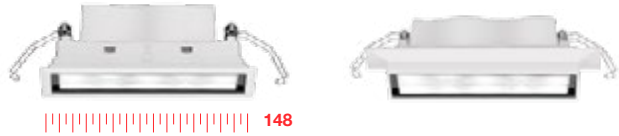
|'|'|'|'|'|'| **44**

190 lm   380 lm   920 lm

1700 lm

2760 lm

Wall Washer
Frame / Minimal

|'|'|'|'|'|'|'|'|'|'|'|'|'|'| **148**

920 lm

1840 lm

2760 lm

Wall Washer
Frame / Minimal

|'|'|'|'|'|'|'|'| **86**

1000 lm   1850 lm

2800 lm

New
Laser Blade XL

High Contrast
Frame / Minimal

|'|'|'|'|'|'|'|'|'|'|'| **144**

2900 lm

General lighting
Frame

|'|'|'|'|'|'|'|'|'|'|'|'|'|'|'| **148**

920 lm

2760 lm

1840 lm

Adjustable
Frame

|'|'|'|'|'|'|'|'|'|'|'|'|'|'|'|'|'|'|'|'|'|'|'|'|'|'|'|'| **302**

1800 / 2700 lm

3600 / 5400 lm

Adjustable
Frame / Minimal

|'|'|'|'|'|'|'|'|'|'|'|'|'|'|'| **144**

2900 lm

Wall Washer
Frame / Minimal

|'|'|'|'|'|'|'|'|'|'|'|'|'|'| **144**

2900 lm
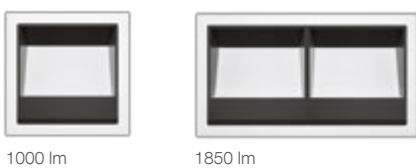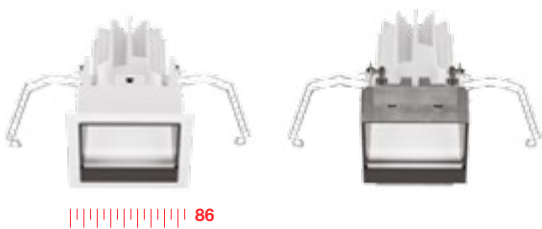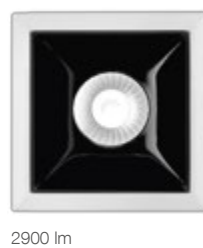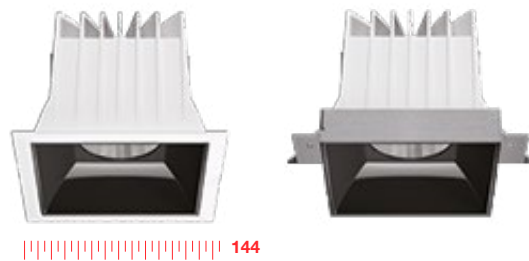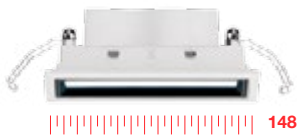
Laser Blade System53
Design OMA

Adjustable module
High Contrast

850 lm

Module
Wall Washer

1800 lm

750/100 lm

Linear module
High Contrast

1900/3800 lm

Linear module
Low contrast

2450/5300 lm

Module iN30
High Contrast

1900/3800 lm

Module iN30
Low Contrast

2450/5300 lm

1900/3800 lm

2450/5300 lm

1900/3800 lm

2450/5300 lm

Laser Blade InOut

Incasso
Frame / Filo soffitto

New
Soffitto / Parete

158

158

370 lm

920 lm

380 lm

380 lm

1840 lm

940 lm

940 lm

2700 lm

Spec Guide

High Contrast

Frame   Minimal

	W	lm	Optic			Electronic control	DALI control	Tunable white	Hole (mm)	(mm) h min.
	2	180	24°	36°		•			frame 28x28 minimal 24x24	frame h= 50 s=1÷25 minimal h= 50 s=12,5÷20
	4	360	24°	36°		•			frame 42x24 minimal 41x28	frame h= 50 s=1÷25 minimal h= 50 s=12,5÷20
	6	530	24°	36°		•			frame 60x24 minimal 58x28	frame h= 50 s=1÷25 minimal h= 50 s=12,5÷20
	8	700	36°	55°		•			frame 42x42 minimal 45x45	frame h= 50 s=1÷25 minimal h= 50 s=12,5÷20
	10	870	24°	36°	55°	•	•	•	frame 96x24 minimal 93x28	frame h= 100-105 s=1÷25 minimal h= 120 s=12,5÷20
	15	1380	36°	55°			•	•	frame 60x60 minimal 65x63	frame h= 130-135 s=1÷25 minimal h= 130 s=12,5÷20
	19	870	24°	36°	55°		•	•	frame 186x24 minimal 184x28	frame h= 100 - 110 s=1÷25 minimal h= 110 s=12,5÷20
	29	2600	24°	36°	55°		•	•	frame 96x276 minimal 93x274	frame h= 100 - 110 s=1÷25 minimal h= 100 s=12,5÷20

Colour temperature	Degree of protection	Class	Finishes					
2700K CRI 90	**IP20**	◇* □	01 white	47 white/ black	43 black/ black	74 grey/ black	41 white/ gold	E7 white/ burnished chrome
3000K CRI 90	**IP23** for visible body of fitting after installation	* Only 1x, 2x, 3x e 4x	01 white	04 black	14 gold	E6 burnished chrome		
4000K CRI 90								

Tunable white
Only 30°/48°

iguzzini.com/laser-blade-xs

W and Lumen refer to the light flow from the source. Consult iguzzini.com for system values.

Wall Washer		W	lm	Optic	Electronic control	DALI control	Tunable white	Hole (mm)	(mm)
		6	530	Wall Washer	•			frame 60x24 minimal 58x28	frame h= 50 s=1÷25 minimal h= 50 s=12,5 ÷ 20
		10	870	Wall Washer	•	•		frame 96x24 minimal 94x28	frame h= 100 -105 s=1÷25 minimal h= 120 s=12,5 ÷ 20
		17	1550	Wall Washer	•		•	frame 186x24 minimal 184x28	frame h= 100 - 110 s=1÷25 minimal h= 110 s=12,5 ÷ 20
		25	2290	Wall Washer	•		•	frame 276x24 minimal 274x28	frame h= 100 - 110 s=1÷25 minimal h= 100 s=12,5 ÷ 20

Frame   Minimal

h min.

Colour temperature	Degree of protection	Classe	Finishes			
2700K CRI 90	**IP20**		04 black	43 black/black	47 white/black	74 grey/black
3000K CRI 90	**IP23** for visible body of fitting after installation	* Only 3x				
4000K CRI 90						

Tunable white

Only 30°/48°

W and Lumen refer to the light flow from the source. Consult iguzzini.com for system values.

Spec Guide

High Contrast
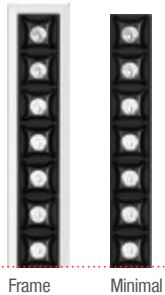
	W	lm	Optic	Electronic control	DALI control	Tunable white	Hole (mm)	(mm) h min.
▫	2,1 2,1 *	190 157 *	32°	•	•		frame 35x35 minimal 35x35	frame h= 47 s=1÷25 minimal h= 47 s=12,5
▫▫	4,2 4,2 *	380 315 *	32°	•	•		frame 64x35 minimal 64x35	frame h= 47 s=1÷25 minimal h= 47 s=12,5
▫▫▫▫▫	10 12 *	920 763 *	12° 32° 48°	•	•	•	frame 141x37 minimal 139x35	frame h= 100 s=1÷25 minimal h= 100 s=12,5
▫▫▫▫▫▫▫▫▫	21 24,5 *	1840 1526 *	12° 32° 48°		•	•	frame 274x37 minimal 271x35	frame h= 100 s=1÷25 minimal h= 100 s=12,5
▫▫▫▫▫▫▫▫▫▫▫▫▫	31 35 *	2760 2290 *	12° 32° 48°		•	•	frame 406x37 minimal 404x35	frame h= 100 s=1÷25 minimal h= 100 s=12,5

Frame   Minimal

Colour temperature
2700K   CRI 95
3000K   CRI 90
3000K   CRI 95
4000K* CRI 95
* Only 48°

Tunable white
Only 30°/48°

Degree of protection
IP20
IP23 for visible body of fitting after installation

Class
* Only 1x e 2x

Finishes
01 white
47 white/black
43 black/black
74 grey/black
41 white/gold
E7 white/burnished chrome
01 white
04 black
14 gold
E6 burnished chrome

Palette
More than 2000 colours to select from in the RAL, Classic and Design scales.
Available in Frame version colour 74 and colour 01 and Minimal.

Wall Washer

	W	lm	Optic	Electronic control	DALI control	Tunable white	Hole (mm)	(mm) h min.
▭	10	920	Wall Washer	•	•	•	frame 141x37 minimal 139x35	frame h= 100 s=1÷25 minimal h= 100 s=12,5
▭	21	1840	Wall Washer		•	•	frame 247x37 minimal 271x35	frame h= 100 s=1÷25 minimal h= 100 s=12,5
▭	31	2760	Wall Washer		•	•	frame 406x37 minimal 404x35	frame h= 100 s=1÷25 minimal h= 100 s=12,5

Frame   Minimal

Colour temperature
2700K   CRI 95
3000K   CRI 90
4000K   CRI 95

Tunable white

Degree of protection
IP20
IP43 for visible body of fitting after installation

Class

Finishes
04 black
43 black/black
47 bianco/black
74 grey/black
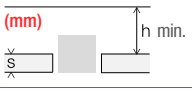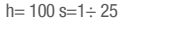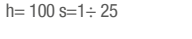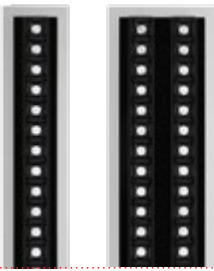
iguzzini.com/laser-blade   *System values

Laser Blade

General Lighting

Frame

	W	lm	Optic	Electronic control	DALI control	Hole (mm)	(mm) h min. s
	10 12 *	920 525 *	General Lighting	•	•	frame 141x37	h= 100 s=1÷ 25
	21 24,5 *	1840 1050 *	General Lighting		•	frame 274x37	h= 100 s=1÷ 25
	31 35 *	2760 1575 *	General Lighting		•	frame 406x37	h= 100 s=1÷ 25
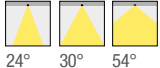
Colour temperature	Degree of protection	Class	Finishes	
3000K CRI 90 4000K CRI 95	IP20 IP43 for visible body of fitting after installation	☐	47 white/black	74 grey/black

Adjustable

Single   Double

	W	lm	Optic			Electronic control	DALI control	Hole (mm)	(mm) h min. s
	21 24,5 *	1800 1493 *	12°	32°	48°		•	295x80	h= 100 s=1÷ 25
	42 46,5 *	3600 2985 *	12°	32°	48°		•	295x135	h= 100 s=1÷ 25
	31 35 *	2700 2240 *	12°	32°	48°		•	428x80	h= 100 s=1÷ 25
	62 70 *	5400 4478 *	12°	32°	48°		•	428x135	h= 100 s=1÷ 25
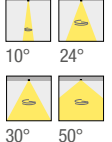
Colour temperature	Degree of protection	Class	Finishes	
3000K CRI 90 3000K CRI 95 4000K CRI 95	IP20	☐	47 white/black	74 grey/black

iguzzini.com/laser-blade   *System values

Spec Guide

Laser Blade L

High Contrast

Frame   Minimal

	W	lm	Optic	Electronic control	DALI control	Hole (mm)	(mm) h min.
▨	7,4 10 *	1050 840 *	24° 30° 54°	•	•	frame 75x75 minimal 75x75	frame h= 106 s=1÷25 minimal h= 140 s=12,5÷25
▨▨	17 23 *	2300 1840 *	54°		•	frame 75x144 minimal 75x144	frame h= 106 s=1÷25 minimal h= 108 s=12,5÷25
▨▨▨	25 34 *	3450 2758 *	54°		•	frame 75x214 minimal 75x213	frame h= 106 s=1÷25 minimal h= 108 s=12,5÷25

Colour temperature	Degree of protection	Class	Finishes				
2700K CRI 90 3000K CRI 90 4000K CRI 80	IP20 IP44 for visible body of fitting after installation	▢	01 white/white	47 white/black	74 grey/black	01 white	04 black

Adjustable

Frame   Minimal

	W	lm	Optic	Electronic control	DALI control	Hole (mm)	(mm) h min.
▣	7,4 10 *	1000 700 *	10° 24° 30° 50°	•	•	frame 76x76 minimal 74x74	frame h= 120 s=1÷25 minimal h= 120 s=12,5÷25

Colour temperature	Degree of protection	Class	Finishes				
2700K CRI 90 3000K CRI 90 4000K CRI 80	IP20	▢	01 white/white	47 white/black	74 grey/black	01 white	04 black

Wall Washer

Frame   Minimal

	W	lm	Optic	Electronic control	DALI control	Hole (mm)	(mm) h min.
▭	8,8	1000	Wall Washer	•	•	frame 75x75 minimal 74x74	frame h= 106 s=1÷25 minimal h= 140 s=12,5÷25
▭▭	17	1850	Wall Washer		•	frame 75x145 minimal 74x143	frame h= 106 s=1÷25 minimal h= 108 s=12,5÷25
▭▭▭	25	2800	Wall Washer	•	•	frame 75x214 minimal 74x213	frame h= 106 s=1÷25 minimal h= 108 s=12,5÷25

Colour temperature	Degree of protection	Class	Finishes				
2700K CRI 90 3000K CRI 90 4000K CRI 80	IP20 IP44 for visible body of fitting after installation	▢	01 white/white	47 white/black	74 grey/black	01 white	04 black

iguzzini.com/laser-blade-l   *System values

High Contrast

Frame Minimal

			W	lm	Optic			Electronic control	DALI control	Hole (mm)	(mm)
			21	3000	21°	31°	55°		•	frame 128x128 minimal 124x124	frame h= 115 s=1÷25 minimal h= 115 s=12,5÷25

Colour temperature	Degree of protection	Class	Finishes				
2700K CRI 90	**IP20**	☐	01 white/ white	47 white/ black	74 grey/ black	01 white	04 black
3000K CRI 90	**IP44** for visible body						
4000K CRI 80	of fitting after installation						

Wall Washer

Frame Minimal

			W	lm	Optic	Electronic control	DALI control	Hole (mm)	(mm)
			21	3000	Wall Washer		•	frame 128x128 minimal 124x124	frame h= 115 s=1÷25 minimal h= 115 s=12,5÷25

Colour temperature	Degree of protection	Class	Finishes				
2700K CRI 90	**IP20**	☐	01 white/ white	47 white/ black	74 grey/ black	01 white	04 black
3000K CRI 90	**IP44** for visible body						
4000K CRI 80	of fitting after installation						

Adjustable

Frame Minimal

			W	lm	Optic			Electronic control	DALI control	Hole (mm)	(mm)
			21	3000	9°	21°			•	frame 128x128 minimal 124x124	frame h= 150 s=1÷25 minimal h= 200 s=12,5÷25
			23,5 *	1948 *	31°	55°					

Colour temperature	Degree of protection	Class	Finishes				
2700K CRI 90	**IP20**	☐	01 white/ white	47 white/ black	74 grey/ black	01 white	04 black
3000K CRI 90							
4000K CRI 80							

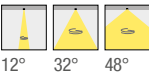iguzzini.com/laser-blade-xl   *System values

Spec Guide

Laser Blade System53

	Structural section	Angular joint	Ceiling / wall angular joint		Finishes
Laser Blade System53	L= 500 L=1000 L=2000 L=3000				● 04 black

Laser Blade System53

High Contrast Adjustable   Wall Washer
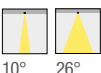
	W	lm	Optic			Electronic control	DALI control
Adjustable module High Contrast L=599	10 13 *	920 763 *	12°	32°	48°		●
Adjustable module High Contrast L=751	21 24,5 *	1800 1493 *	12°	32°	48°		●
Adjustable module High Contrast L=904	31 35 *	2700 2240 *	12°	32°	48°		●
Linear module wall washer L=755	21	1800	Wall washer				●
Linear module wall waher L=905	31	2700	Wall washer				●

Colour temperature	Degree of protection	Class	Finishes
3000K CRI 95 4000K* CRI 95 * Only 48°	IP20	□	● 04 black

Laser Blade System53

* System values

	W	lm	Ottiche		Electronic control	DALI control
343x50	9 13 *	1000 810 *	10°	26°		●

Colour temperature	Degree of protection	Class	Finishes
3000K CRI 90 4000K CRI 85	IP20	□	● 04 black

Laser Blade System53
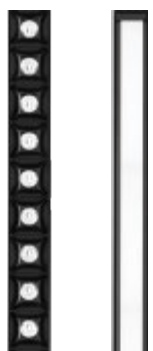
High Contrast   Low Contrast

	W	lm	Ottiche	Electronic control	DALI control
Linear module High Contrast L=1197	20 28 *	1900 1575 *	48°		●
Linear module High Contrast L=1462	42 49,3 *	3800 3150 *	48°		●
Linear module low contrast L=904	17 22 *	2650 2032 *	General Lighting		●
Linear module low contrast L=2394	34 43 *	5300 4064 *	General Lighting		●

Colour temperature		Degree of protection	Class	Finishes
3000K CRI 95 3000K CRI 90 4000K CRI 90	3000K* CRI 80 4000K * CRI 80 * General Lighting	IP20	□	○ 12 aluminium

Laser Blade System53

	W	lm	Optic	Electronic control	DALI control
Laser Blade iN30					
Module High Contrast L=1197	20	1900			
	24,2	1576	48°		•
Module High Contrast L=1462	42	3800			
	47,1	3151	48°		•
Module Low contrast L=1197	17	2650			
	22,6	2032	General Lighting		•
Module Low contrast L=2394	34	5300			
	42,8	4064	General Lighting		•
Module angolare Low contrast 606x606	17,2	2650		•	•
	22,6	2032	General Lighting		

High Contrast Low Contrast

Colour temperature		Degree of protection	Class	Finishes
3000K CRI 95	3000K* CRI 80	**IP20**	☐	12 aluminium
4000K CRI 90	4000K* CRI 80			
	* General lighting			

Spec Guide

Laser Blade InOut

Downlight

	W	lm	Ottiche	Electronic control	DALI control	Hole (mm)	
	4,1	370	30°	•		64x35	with projecting rim h= 100 s=1÷ 25 flush with ceiling h= 115 s=12,7÷15
	10	920	12° 48°	•		141x37	with projecting rim h= 100 s=1÷ 25 flush with ceiling h= 115 s=12,7÷15
	21	1840	12° 48°	•	•	274x37	with projecting rim h= 100 s=1÷ 25 flush with ceiling h= 115 s=12,7÷15
	32	5400	12° 48°	•	•	406x37	with projecting rim h= 100 s=1÷ 25 flush with ceiling h= 115 s=12,7÷15

Colour temperature	Degree of protection	Class	Finishes	
2700K CRI 95	IP65	* ⬦ ▢	47 white/ black	74 grey/ black
3000K CRI 90		* Only 3x		
4000K CRI 95				
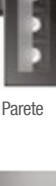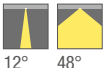
New
Laser Blade InOut
Ceiling / Wall

	W	lm	Optic	Electronic control
	4,2	380	30°	•
	10	940	12° 48°	•
	4,2	380	48°	•
	10	940	48°	•

Soffitto Parete

Soffitto

Parete

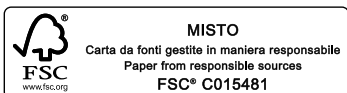| Colour temperature	Degree of protection	Class	Finishes	
2700K CRI 95	IP65	⏚	47 white/ black	74 grey/ black
3000K CRI 90				
4000K CRI 95				

iguzzini.com/laser-blade-inout-ceiling
iguzzini.com/laser-blade-inout-recessed
iguzzini.com/laser-blade-inout-wall

W and Lumen refer to the light flow from the
source. Consult iguzzini.com for system values.

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