



Laser Blade Line to Circle



Light First

Social innovation through lighting

Socially engaged

iGuzzini is an international community at the service of architecture and the development of a culture of light for a better society and quality of life. It is a centre of excellence for the study of light in all its forms, and it produces lighting systems in collaboration with leading lighting designers, architects, universities and research centres all over the world. **Respecting the environment and creating organic well-being and sustainable economies** are the key factors we need to focus on at a global level to implement real progress in society. Lighting is, first and foremost, for people, and we are firmly committed to supporting local mayors and encouraging public organizations and leaders of architecture, industry and commerce to use energy responsibly in order to improve wellbeing and quality of life.

Lighting innovation

Social innovation means responding to emerging needs with new ways of cooperating and networking, by producing sustainable ideas and identifying new tools. Light changes things. It is at the centre of social evolution. It is the expression of a **new vital energy** that runs through cities, building architecture and creating well-being for people. Lighting illuminates nature. It reveals worlds and relationships, communities and mechanisms. And iGuzzini works to use light to improve the relationship between mankind and the environment, through research, manufacturing, technology and knowledge.

iGuzzini



iguzzini.com/lightfirst





Laser Blade

Line to Circle.

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Laser Blade

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Laser Blade



Air traffic control tower
at the International Airport
in Reykjavik, Iceland
Lighting design: Rafkaup hf
Photo: Operation XZ

Line to Circle.

An invisible line creates circular luminous magic.

Laser Blade revolutionises the concept of the downlight. The product with miniaturised optic, providing high visual comfort, uses the physical principle of pinpoint lamps, generating circular light emission. No more rigid frameworks, but instead ample opportunities for customisation.

Innovative in its simplicity, Laser Blade is the result of an integrated process involving various disciplines: the science of lighting, technology, design and culture. The system is a multiple, flexible, universal tool. Laser Blade has received prestigious international awards.



products.iguzzini.com/laser_blade_line
[pinterest.com/iguzzini/laser-blade](https://www.pinterest.com/iguzzini/laser-blade)

News 2015.

A constantly evolving collection.

New levels of performance

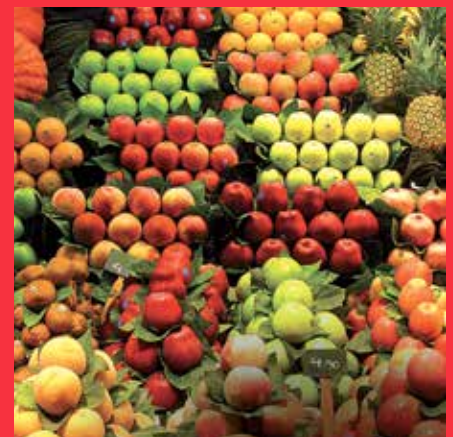
The world continually develops needs that we seek to understand and satisfy. With Laser Blade we have gone one step further. We have anticipated requirements and improved the performance of this product that is the only one of its kind on the market.



Tunable White
page 17



Opti Beam micro optics
page 19



Empowered colour rendering
page 21

New products

We continually research new solutions, not just technological innovations, but practical solutions that help designers satisfy the requirements of any application context.

Laser Blade can be installed outdoors too.



Laser Blade L
High Contrast
page 25



Laser Blade InOut
page 31

Overview

New
Laser Blade L
High Contrast UGR<19
page 25



Flood
 $\alpha 30^\circ$



Wide Flood
 $\alpha 54^\circ$

New
Laser Blade
InOut
page 31



Spot
 $\alpha 12^\circ$



Flood
 $\alpha 32^\circ$



Wide Flood
 $\alpha 48^\circ$

Laser Blade
High Contrast UGR<19
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Spot
 $\alpha 12^\circ$



Flood
 $\alpha 32^\circ$



Wide Flood
 $\alpha 48^\circ$



Tunable White
2700=5700 K

Laser Blade

Laser Blade
Adjustable UGR<19
page 39



New



Spot
 $\alpha 12^\circ$



Flood
 $\alpha 32^\circ$



Wide Flood
 $\alpha 48^\circ$



Laser Blade
Wall washer
page 43



New



New



Wall washer



Tunable White
2700-5700 K

Laser Blade
General Lighting
page 47



General lighting

Overview

Laser Blade System53

page 55

Design OMA



Adjustable module
High Contrast
page 55

New



Spot
 $\alpha 12^\circ$



Flood
 $\alpha 32^\circ$



Wide Flood
 $\alpha 48^\circ$



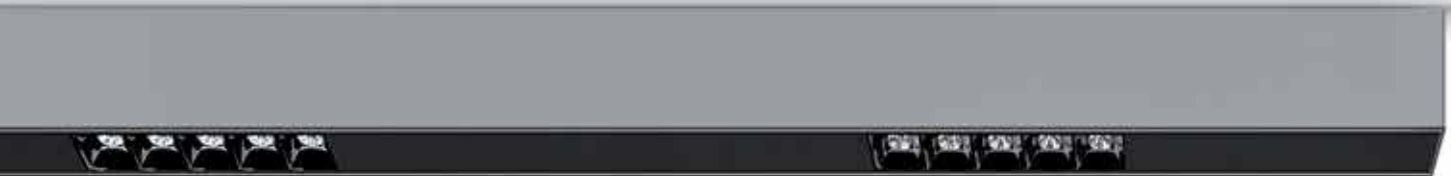
Linear module
High Contrast UGR<19
page 51



Wide Flood
 $\alpha 48^\circ$

Laser Blade
iN30
page 51

High Contrast and Low Contrast
versions can be used together.

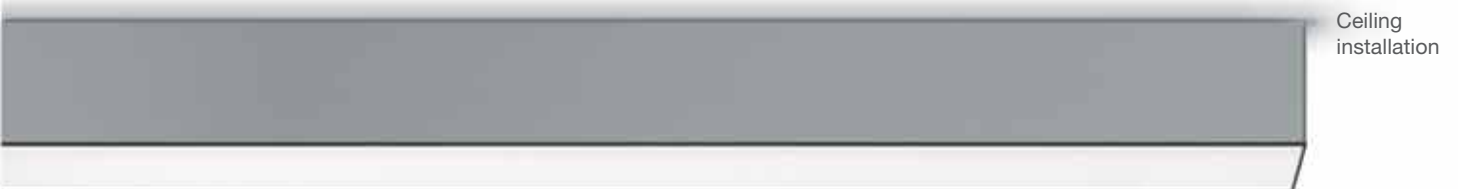
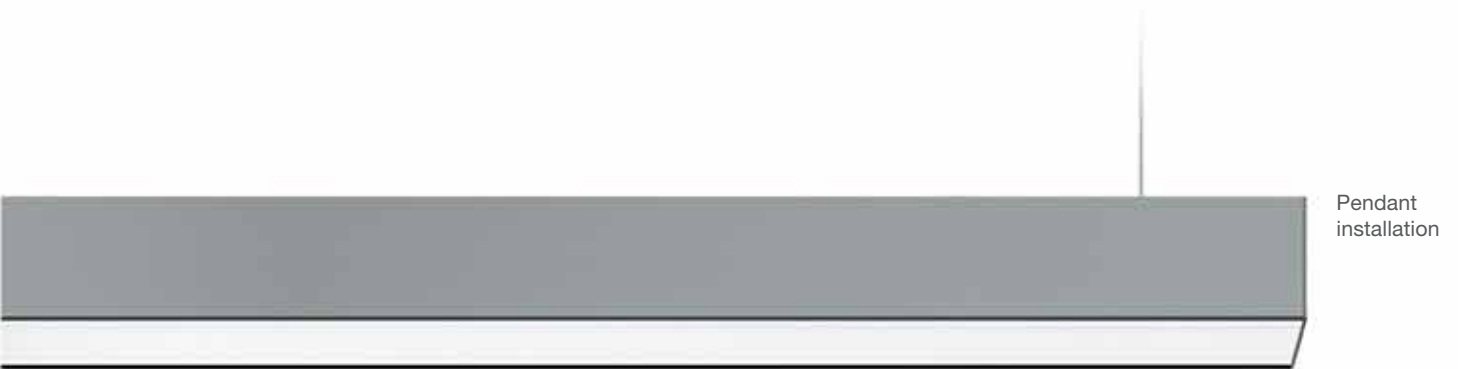
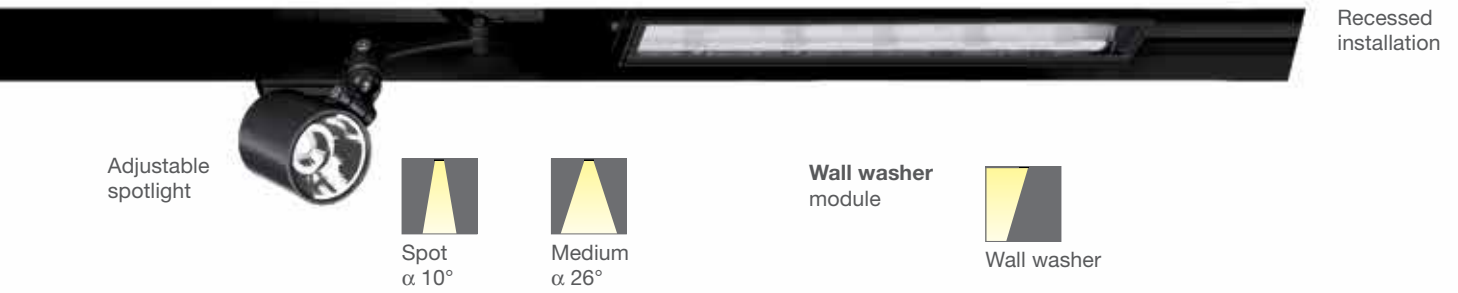


iN30 module
High Contrast








Wide Flood
 $\alpha 48^\circ$

Laser Blade



Specs Guide

New		W	lm	Optic	Electronic control	DALI control	Hole (mm)	(mm)
								h min.
 <p>Frame Minimal</p>	Laser Blade L High Contrast page 25	9	1000	  30° 54°	•	•	frame 75x75 minimal 75x75	frame h= 106 s=1÷25 minimal h= 140 s=12,5÷25
		18	2000	 54°		•	frame 144x75 minimal 144x75	frame h= 106 s=1÷25 minimal h= 108 s=12,5÷25
		26	3000	 54°		•	frame 214x75 minimal 213x75	frame h= 106 s=1÷25 minimal h= 108 s=12,5÷25






Colour temperature

2700K CRI 90
3000K* CRI 80
3000K* CRI 90
4000K CRI 80
* 54° only

Degree of protection









IP20
IP44 for visible body of fitting after installation

Finishes

 01 white
 04 black
 01 white
 47 white/black
 74 grey/black

Class



New		W	lm	Optic	Electronic control	DALI control	Hole (mm)	(mm)
								h min.
	Laser Blade InOut page 31	4,1	370	 32°	• *	on request	64x35	with projecting rim h= 100 s=1÷25 flush with ceiling h= 115 s=12,7÷15
		10	920	  12° 48°	• *	on request	141x37	with projecting rim h= 100 s=1÷25 flush with ceiling h= 115 s=12,7÷15
		21	1840	  12° 48°	•	on request	274x37	with projecting rim h= 100 s=1÷25 flush with ceiling h= 115 s=12,7÷15
		31	2700	  12° 48°	•	on request	406x37	with projecting rim h= 100 s=1÷25 flush with ceiling h= 115 s=12,7÷15




Colour temperature

2700K CRI 96
3000K CRI 90
4000K** CRI 96
** 48° 32° only on request

Degree of protection

IP65

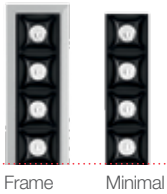
Finishes

 47 white/black
 74 grey/black
 04 black/black

Class

 *1x 2x only

Laser Blade
High Contrast
page 35



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

Colour temperature

2700K CRI 96
3000K CRI 90
3000K CRI 96
4000K* CRI 96
* 48° only



Degree of protection

IP20
IP23 for visible body of fitting after installation

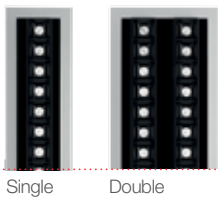
Finishes



Class



Laser Blade
Adjustable
page 39



	W	lm	Optic	Electronic control	DALI control	Hole (mm)	(mm) h min.
	21	1840	 12° 32° 48°		•	295x80	h= 100 s=1÷ 25
	2X21	2X 1840	 12° 32° 48°		•	295x135	h= 100 s=1÷ 25
	31	2760	 12° 32° 48°		•	428x80	h= 100 s=1÷ 25
	2X31	2X 2760	 12° 32° 48°		•	428x135	h= 100 s=1÷ 25

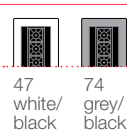
Colour temperature

3000K CRI 90
3000K CRI 96
4000K* CRI 96
* 48° only

Degree of protection

IP20
IP23 for visible body of fitting after installation

Finishes









Class



Specs Guide

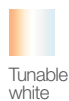
Laser Blade Wall washer page 43



	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

Colour temperature

3000K CRI 90
4000K CRI 96

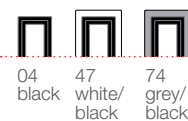


Tunable white

Degree of protection

IP20
IP43 for visible body of fitting after installation

Finishes









Class



Laser Blade General Lighting page 47



	W	lm	Optic	Electronic control	DALI control	Hole (mm)	(mm) h min.
	10	920	 General lighting	•	•	frame 141x37	h= 100 s=1÷ 25
	21	1840	 General lighting		•	frame 274x37	h= 100 s=1÷ 25
	31	2760	 General lighting		•	frame 406x37	h= 100 s=1÷ 25

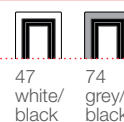
Colour temperature

3000K CRI 90
4000K CRI 96

Degree of protection

IP20
IP43 for visible body of fitting after installation

Finishes








Class



Laser Blade iN30 page 51



	W	lm	Optic	Electronic control	DALI control
Module High Contrast L=1197	22	1840	 48°		•
Module High Contrast L=1462	42	3680	 48°		•
Module Low Contrast L=1197	22	2650	 General lighting		•
Module Low Contrast L=2394	45	5290	 General lighting		•
Angular module Low Contrast 606x606	22	2650	 General lighting	•	•

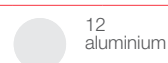
Colour temperature

3000K CRI 96 3000K* CRI 80
3000K CRI 90 4000K* CRI 80
4000K* CRI 96 * General lighting
* 48° only

Degree of protection

IP20

Finish






Class



The current W value may be reduced with the progress of technology.
For updated data please refer to our on-line catalogue.






Laser Blade
System53
page 55

Structural profile	Angular joint	Ceiling/wall angular joint	Finish
 <ul style="list-style-type: none"> L= 500 L=1000 L=2000 L=3000 			04 black

Laser Blade
System53
page 55



High Contrast adjustable
Wall Washer

	W	lm	Optic	Electronic control	DALI control
Adjustable module High Contrast L=599	10	1000	 12° 32° 48°	•	•
Adjustable module High Contrast L=751	21	2000	 12° 32° 48°		•
Adjustable module High Contrast L=904	31	3000	 12° 32° 48°		•
Fixed module wall washer L=755	21	2000	 Wall washer		
Fixed module wall washer L=905	31	3000	 Wall washer		

Colour temperature	Degree of protection	Finish	Class
3000K CRI 96 4000K* CRI 96 * 48° only	IP20	04 black	

Laser Blade
System53
page 55

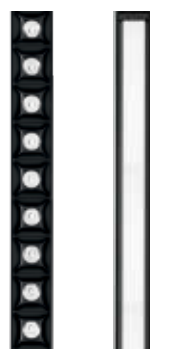


Adjustable spotlight





	W	lm	Optic	Electronic control	DALI control
343x50	9	820	 10° 26°		•


Colour temperature	Degree of protection	Finish	Class
3000K CRI 90 4000K CRI 85	IP20	04 black	

Laser Blade
System53
page 55



High Contrast
Low Contrast

	W	lm	Optic	Electronic control	DALI control
Linear module High Contrast L=1197	22	1840	 48°		•
Linear module High Contrast L=1462	42	3680	 48°		•
Linear module Low Contrast L=904	22	2460	 General lighting		•
Linear module Low Contrast L=2394	45	4920	 General lighting		•

Colour temperature	Degree of protection	Finish	Class
3000K CRI 96 3000K CRI 90 4000K* CRI 96 * 48° only	3000K* CRI 80 4000K * CRI 80 * General lighting	12 aluminium	

LED life ≥ 50.000 hours L80 B10 - Ta 25° C
Values refer to the 4000K versions.



Laser Blade
Main features

Tunable white and Monochrome white.

New

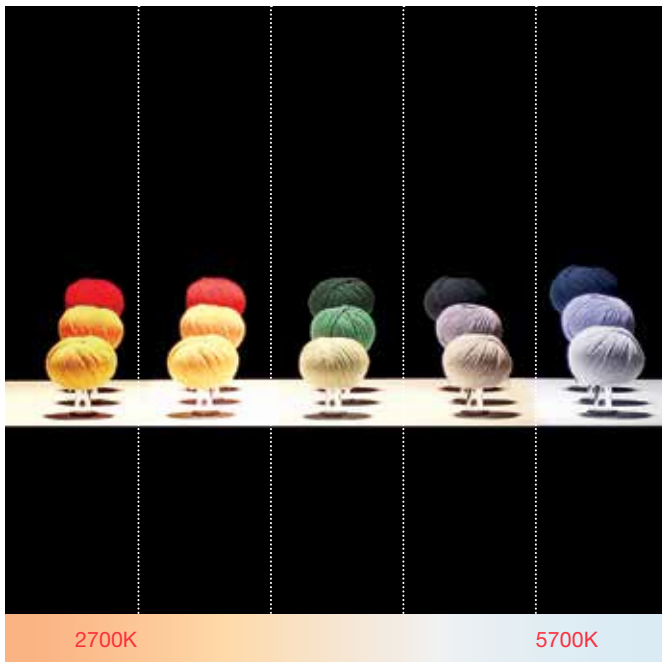
Satisfying any installation requirement.

To fully appreciate the quality and characteristics of items and materials, choosing the correct colour temperature for lighting is essential. In order to satisfy the widest range of application requirements, Laser Blade has been designed with both a Tunable White and Monochrome White versions. With Laser

Blade Tunable White the colour temperature can be tuned from 2700K to 5700K. This solution is perfect for lighting retail spaces where products and displays are constantly changed. Monochrome White has three colour temperatures: 2700K, 3000K and 4000K to emphasize the lit surface materials.

Tunable white
Colour temperature adjustment

Monochrome white
Different colour temperatures to highlight materials.



Tunable White keeps colour temperatures uniform and constant even when combining different sized products with a different number of warm and cool LEDs.

2700K
(LEDs at 100% flux)

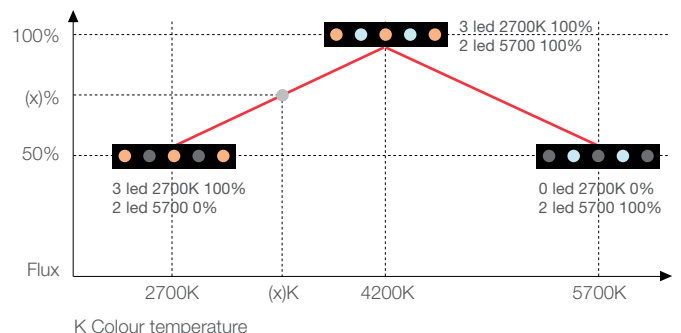


5700K
(LEDs at 100% flux)



Laser Blade Tunable White (present in High Contrast and Wall washer versions) is designed to create light flow at both 2700K and 5700K

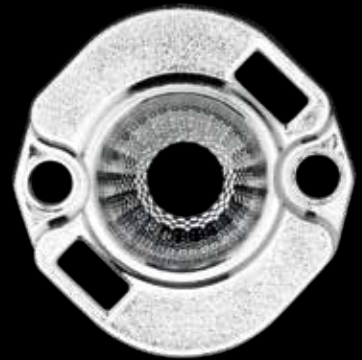
at the same dimming level through managing two separate channels. When both channels are at 100% the output is double flux and 4200K.



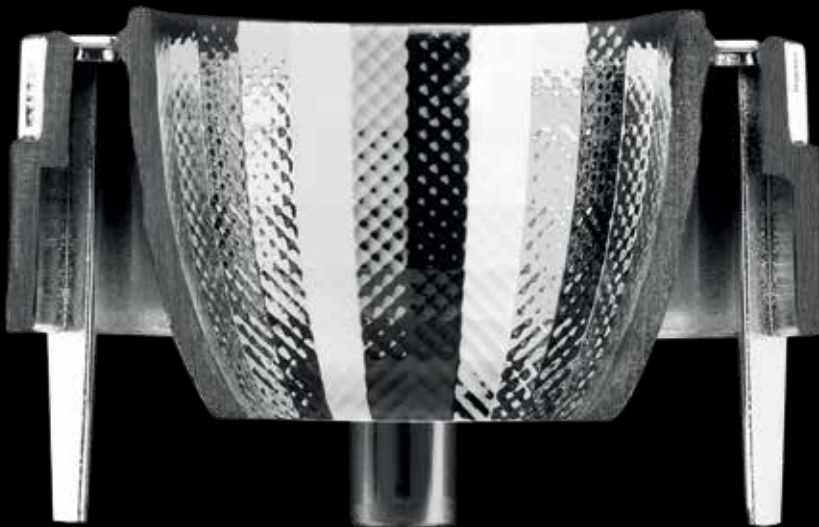
Laser Blade
Main features



Laser Blade L High Contrast



Laser Blade High Contrast



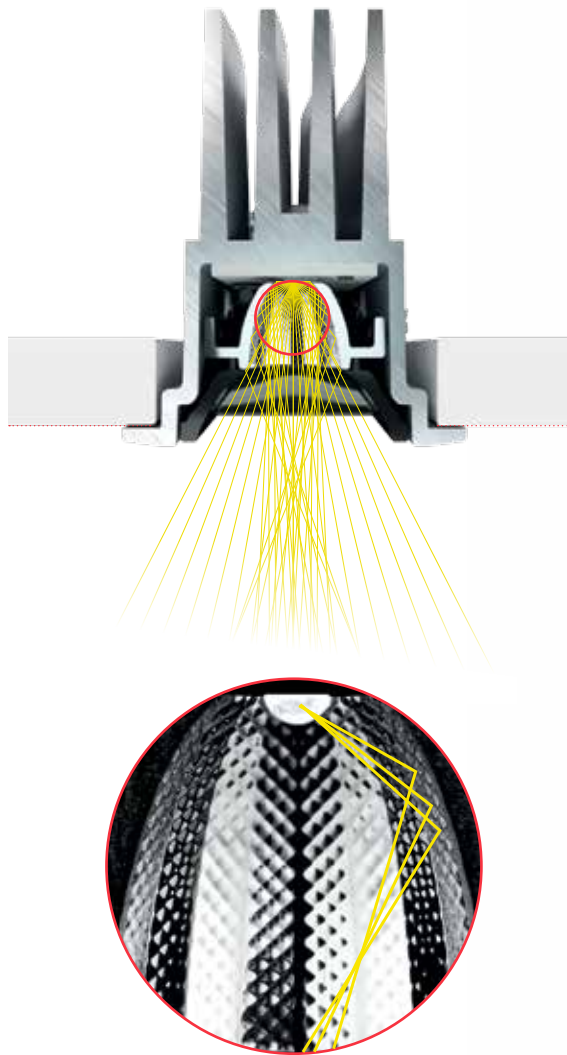
Opti Beam micro optics.

New

Flawless light effects.

Opti Beam optics, the result of lengthy research conducted by our Innovation Lab, improve colour uniformity by eliminating halos and removing spots or double rings that can occur with common LED lamps.

Laser Blade luminaires with Opti Beam optics emit a perfectly defined circular bubble of light with no colour flaws. The new optics (Flood, Wide Flood and Spot) are present in all the High Contrast and Adjustable versions.



The special (multifaceted) texture of the optic amplifies the reflections of the rays emitted by the LEDs creating a sharp final effect with no colour flaws.

Laser Blade guarantees peerless colour rendering even for warm tones.



Empowered colour rendering.

New

CRI > 90 for every colour temperature.

The new Laser Blade has an extremely high CRI: all versions, both Neutral and Warm White, have a CRI of 96. The Colour Rendering Index (CRI) is a quantitative measure of the ability of a light source to saturate the colours of various objects faithfully: the higher the value, the more the human

eye perceives their real and natural colour. The top-class selection of LEDs used in Laser Blade luminaires guarantees excellent colour tones even in Neutral versions that usually register lower CRI values. In both warm and cold tones, the product registers a colour yield for red (R9) of over 92.

4000K - CRI 96

Neutral white



R9 - CRI 97



R10 - CRI 91



R14 - CRI 94

3000K - CRI 96

Warm white



R9 - CRI 98



R14 - CRI 96



R10 - CRI 98

2700K - CRI 96

Warm white



R10 - CRI 97



R14 - CRI 95



R9 - CRI 96

Colour consistency - MacAdam Step < 3

iGuzzini takes the utmost care when choosing LEDs. It continually checks products, repeats successful orders, and builds close relationships with

the best suppliers in the world to guarantee colour uniformity that remains constant over time and is maintained even when different products are used in

the same context. Laser Blade uses LEDs with a MacAdam Step value of < 3. The chromatic difference between two or more colours is imperceptible.

Our Innovation Lab has designed a highly efficient undulated dissipation profile that increases the heat exchange surface and minimizes the overall size.



+10%

dissipation surface area, the overall dimensions being equal



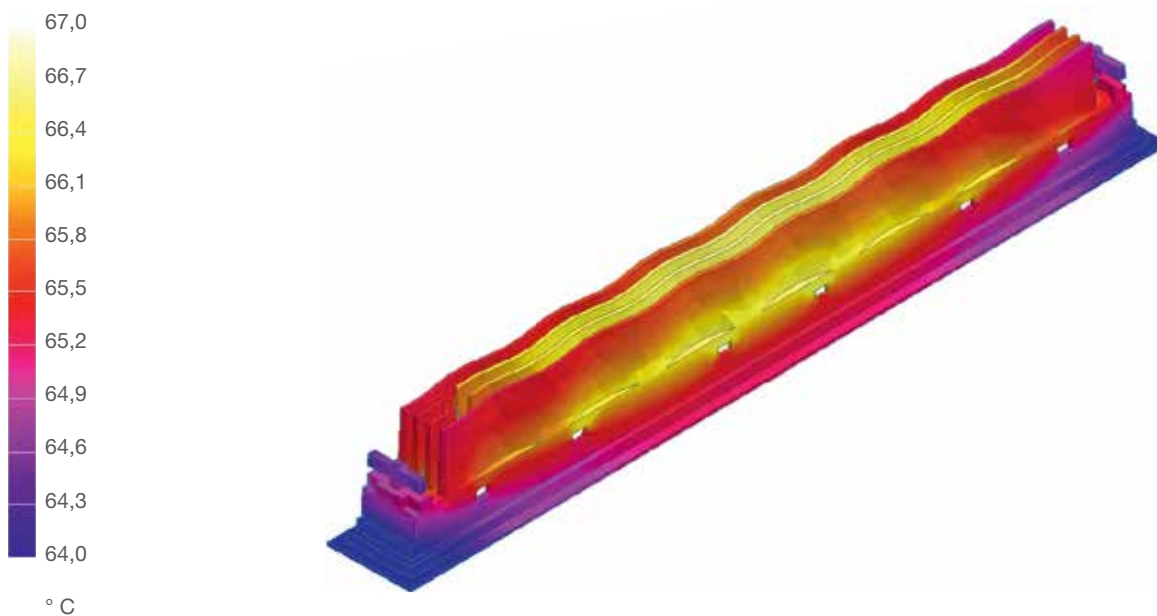
Long term reliability.

New

Lasting performance.

Laser Blade is designed to maintain an initial flow of 80% (L80 B10) after more than 50.000 hours of use. This is achieved by means of cooling flaps that guarantee correct passive heat dissipation, a fundamental requirement for guaranteeing

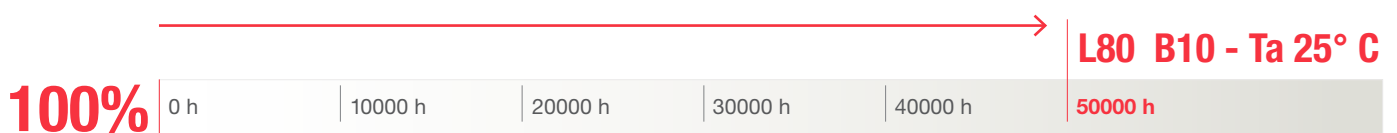
the superior life performance of LEDs. We conduct heat simulation tests using high performance software and find the best design solutions for dissipating heat in the most efficient way.



Thermographic simulation

≥ 50.000 hours L80 B10

Useful life indicates that after 50.000 hours the luminous flux is equal to or greater than 80% of the initial light flow (L80) for at least 90% of the products (B10).





Østbanehallen, the Oslo Central Station, Norway
Architectural design: Aase
Mellbye Architecture, interiors
SRO- Lighting controls and integrations
Lighting design: Af Lighting @ AF group
Photo: Tomasz Majewski

Laser Blade L

New

Larger and more powerful.

Laser Blade L has the same concept and construction technology as the original Laser Blade High Contrast, but this new version is bigger and more powerful yet still very compact. It has 5 times the power of the original, despite being only twice as big. And thanks to the optic's construction technology its level of visual comfort remains

UGR<19. The glass cover that has been applied to protect the C.o.B. source generates an IP44 rating for the optical assembly. And the single, double, triple, frame and minimal versions feature a luminous flux from 1000lm to 3000lm. Laser Blade L is available with three different colour temperatures: 2700K, 3000K and 4000K.

Laser Blade High Contrast



200 lm

Laser Blade L High Contrast



1000 lm

- (1) Single, double or triple versions
- (2) Frame or minimal installation
- (3) Black and white raster
- (4) H=107mm



Flood
 $\alpha 30^\circ$



Wide Flood
 $\alpha 54^\circ$

Laser Blade L



Double colours.

Customizing spaces.

New

Environments reflect their purpose, the people who live in them and the style and taste of their designers. We have therefore widened Laser Blade application possibilities with a twin colour option: an elegant black raster that adds a distinctive sense

of style and a new and more discreet white raster that blends in with the application surface. This enhances creativity and encourages a greater degree of personalisation.

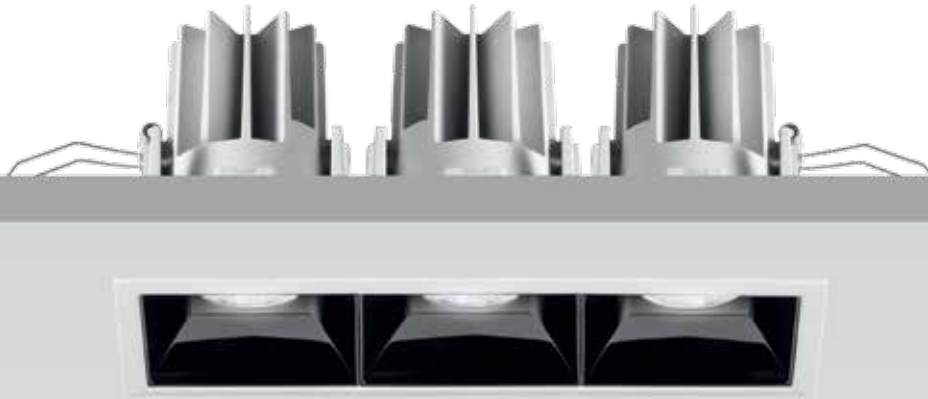
Black Raster (UGR < 19)



White Raster (UGR < 19)



Laser Blade L
High Contrast



Frame



1 LED / 9W / 1000lm



2 LED / 18W / 2000lm



3 LED / 26W / 3000lm



Minimal



1 LED / 9W / 1000lm



2 LED / 18W / 2000lm



3 LED / 26W / 3000lm



Values refer to the 4000K versions.

Raster

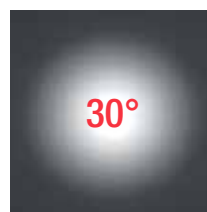


47 White/black



01 White

Optic



Flood



Wide Flood

The current W value may be reduced with the progress of technology.
For updated data please refer to our on-line catalogue.

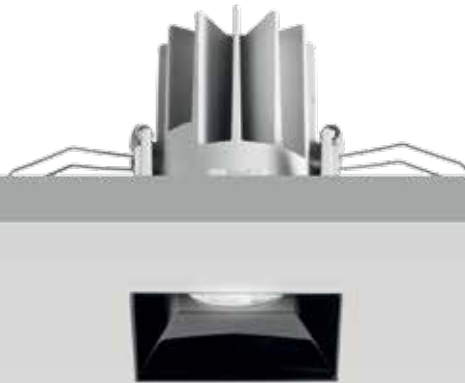
Product codes pag. 62



New



LED life \geq 50.000 hours L80 B10 - Ta 25° C



1000 / 3000 lm

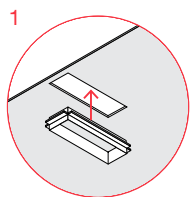
Luminous Flux	Dimensions	Power	Light Source	Power
1000 lm	85x85	10W	1 LED	50W
2000 lm	155x85	20W	2 LEDs	100W
3000 lm	224x85	30W	3 LEDs 2x26W 1x35W	150W

Colour

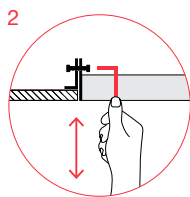
Colour	Temperature	CRI
Orange	2700K	CRI 90
Yellow	3000K	CRI 80
Blue	4000K	CRI 80

The luminous flux and power values indicated are nominal data.

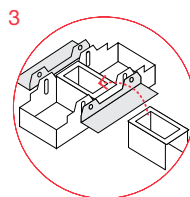
Installation



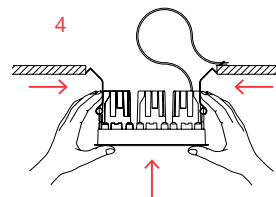
Installing the frame (minimal version)



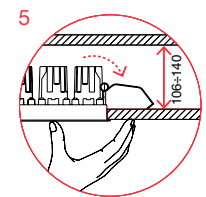
Adjusting the height of the frame (minimal version)



Inserting the spacer for the minimal version 2/3 assemblies



Fitting the body into the housing



Spring anchoring



Photo: Photofoyer/©Viewpictures

Laser Blade InOut.

New

New application options.

Laser Blade InOut further extends the large and comprehensive Laser Blade range with a new version that can be installed in outdoor environments. With its IP65 protection rating, this product is perfect for all architectural or residential applications, such as cantilever and canopy roofs, bridges with walkways, swimming pools and bathrooms.

It can be installed in false ceilings (1÷25mm thick) with a projecting or flush frame or in 12.5mm to 15mm thick false ceilings using a frame adapter. Laser Blade InOut's new features also include the option of a special outer casing that enables the fitting to be installed to concrete ceilings with either a projecting or a flush frame.

||||| 49
millimetres



Spot
 α 12°



Flood
 α 32°



Wide Flood
 α 48°

Laser Blade

InOut



With projecting frame



2 LED / 4,1W / 370lm



5 LED / 10W / 920lm



10 LED / 21W / 1840lm



15 LED / 31W / 2700lm

Colour



2700K
CRI 96



3000K
CRI 90



4000K
CRI 96

Values refer to the 3000K versions.

Frame



74 Grey/Black

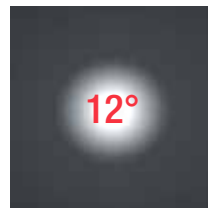


47 White/Black



04 Black/Black

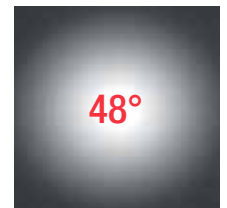
Optic



Spot



Flood



Wide Flood

The current W value may be reduced with the progress of technology.
For updated data please refer to our on-line catalogue.

Product codes pag. 63



New



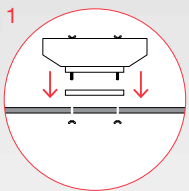
LED life ≥ 50.000 hours L80 B10 - Ta 25° C



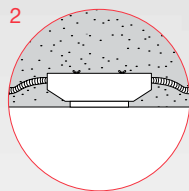
Flush with ceiling

With projecting frame

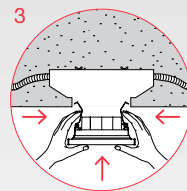
Installing in concrete ceilings



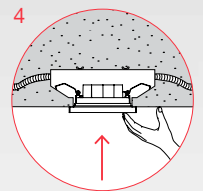
Fastening the outer casing to the formwork (using a closing cap)



Feeding through the corrugated pipe, casting the cement and removing the formwork

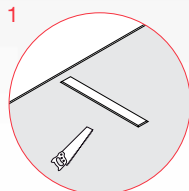


Fitting the body into the housing

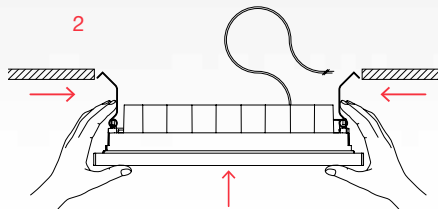


Spring anchoring (15 mm high rim)

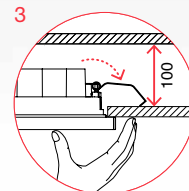
Installing in plasterboard false ceilings



Preparazione asola per l'incasso



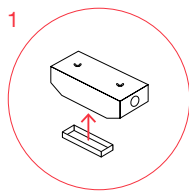
Fitting the body into the housing



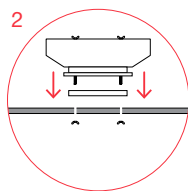
Spring anchoring (15 mm high rim)

Flush with ceiling

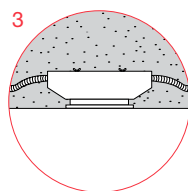
Installing in concrete ceilings



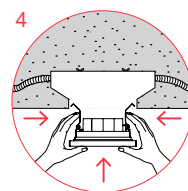
Fastening the adapter



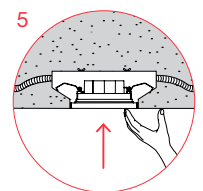
Fastening the outer casing to the formwork (using a closing cap)



Feeding through the corrugated pipe, casting the cement and removing the formwork

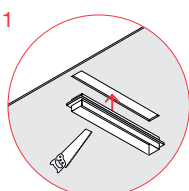


Fitting the body into the housing

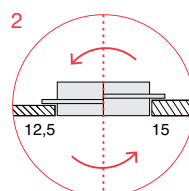


Spring anchoring

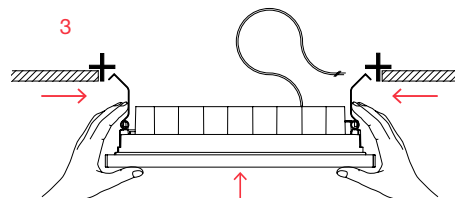
Installing in plasterboard false ceilings



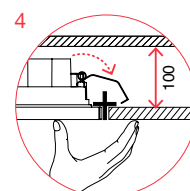
Preparing the slot and inserting the frame



"Double face" frame



Fitting the body into the housing



Spring anchoring

Laser Blade
High Contrast



Maison Birks - Montreal, Canada
Architectural design: SID LEE Architecture
Lighting design: Lightemotion Inc.
Photo: Stéphane Brügger

Laser Blade High Contrast.

Linear, light and compact.

New

Tunable white
Opti Beam
CRI > 90
2700K - CRI 96
Spot 12°

Laser Blade High Contrast is a compact segment, between 44 and 56mm high and 44mm wide. Its shape and compactness means it can be installed in very low ceilings (minimum installation depth of between 45 and 100mm) and is ideal in

situations where there is very little space. The traditional Flood and Wide Flood optics are available, as well as the new Spot 12° optic, which widens the Laser Blade High Contrast's range of uses from niche to room lighting.

44 / 56

millimetres



44

millimetres



Spot
 α 12°



Flood
 α 32°



Wide Flood
 α 48°

Laser Blade
High Contrast



Frame



1 LED / 2,1W / 190lm



2 LED / 4,2W / 380lm



5 LED / 10W / 920lm



10 LED / 21W / 1840lm



15 LED / 31W / 2760lm

Minimal



1 LED / 2,1W / 190lm



2 LED / 4,2W / 380lm



5 LED / 10W / 920lm



10 LED / 21W / 1840lm



15 LED / 31W / 2760lm

Values refer to the 4000K versions.

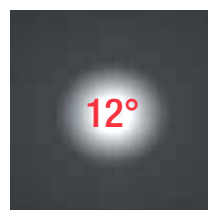
Frame



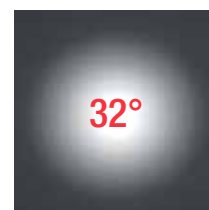
74 Grey/Black

47 White/Black

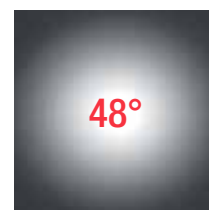
Optic



Spot



Flood



Wide Flood

The current W value may be reduced with the progress of technology. For updated data please refer to our on-line catalogue.





LED life ≥ 50.000 hours L80 B10 - Ta 25° C



New



Tunable white
Opti Beam
CRI > 90
2700K - CRI 96
Spot 12°

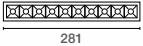



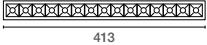



200 / 3000 lm

190 lm  **2W** →  **15W**

380 lm  **4W** →  **35W**

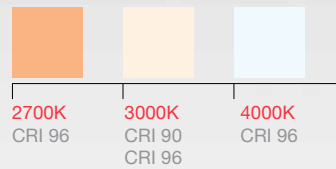
920 lm  **10W** →  **50W**

1840 lm  **20W** →  **100W**

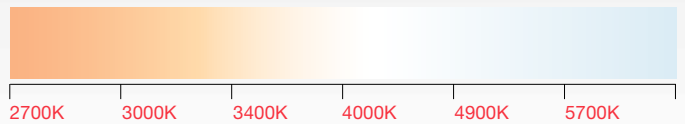
2760 lm  **30W** →  **150W**
 **2x26W**
 **35W**

The luminous flux and power values indicated are nominal data.

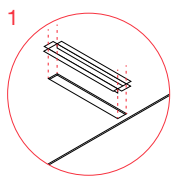
Colour



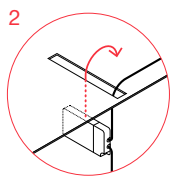
Tunable white



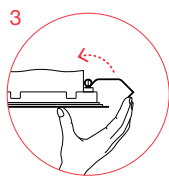
Installation



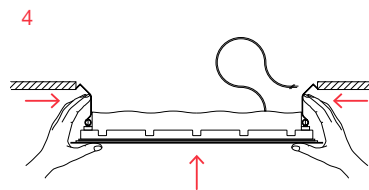
Installing the template (minimal version)



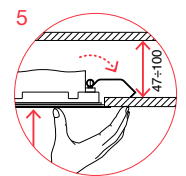
Inserting the ballast



Spring tension



Fitting the body into the housing



Spring anchoring

Laser Blade

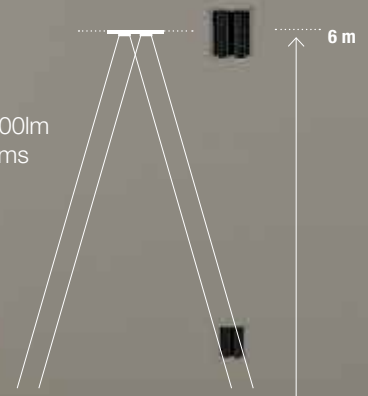
Adjustable

**Laser Blade
Adjustable double**

(luminous package 2x3000lm). By suitably and independently adjusting each of the two sectors, it is possible to use the same luminaire to light horizontal surfaces and provide accent lighting on vertical surfaces.

**Laser Blade
Adjustable double**

(highest position); the luminous package of 6000lm allows application in rooms up to 6 m high.



3 m

**Laser Blade
Adjustable single**

The 3000lm luminous package is the optimum luminous power for rooms which are typically 3 m high.

Laser Blade Adjustable.

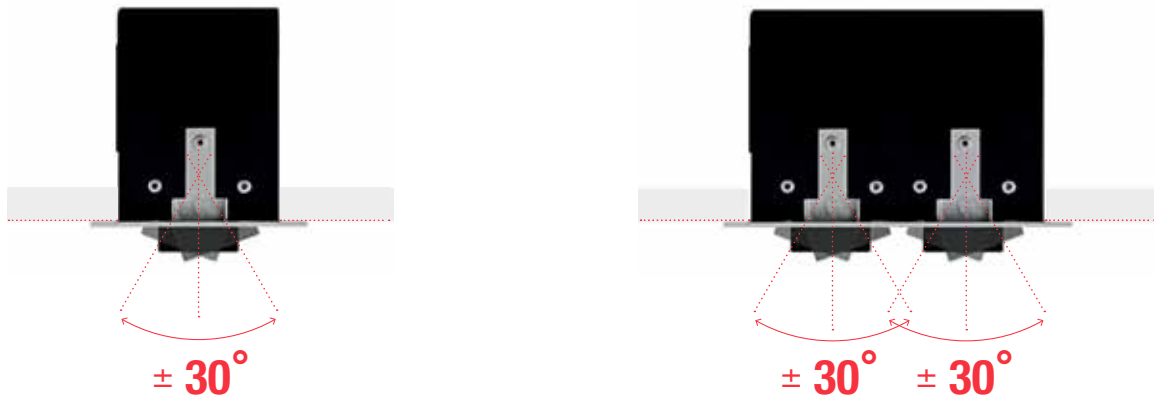
A new frontier in adjustability.

New
 Opti Beam
 CRI > 90
 Spot 12°

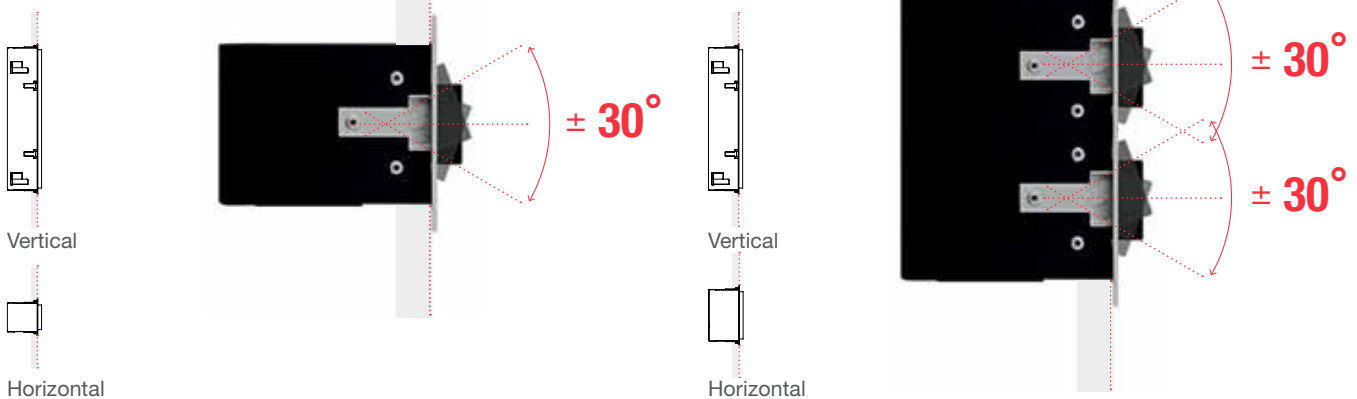
In a wide range of contexts, light needs to be adjusted and aimed. Laser Blade Adjustable adapts to the evolution of space: concentrating or widening the diameter of the lit area and highlighting objects. The luminaire's internal

rotation of $\pm 30^\circ$ around the horizontal axis with continuous friction, optimizes precision aiming. In its single and double version, the product, which can also be positioned vertically, pushes back the frontiers of adjustability.

Ceiling-mounted



Wall-mounted



Spot
 $\alpha 12^\circ$



Flood
 $\alpha 32^\circ$



Wide Flood
 $\alpha 48^\circ$

Laser Blade

Adjustable



Single



10 LED 1840lm



15 LED 2760lm

Double



2x10 LED 2760lm



2x15 LED 2760lm

Values refer to the 4000K versions.

Frame

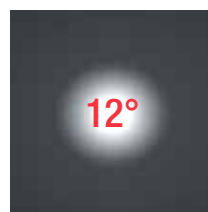


74 Grey/Black

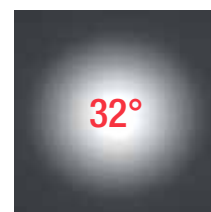


47 White/Black

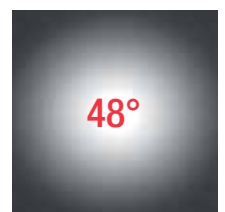
Optic



Spot



Flood



Wide Flood

The current W value may be reduced with the progress of technology.
For updated data please refer to our on-line catalogue.

Product codes pag. 66

DALI
PROTOCOL



IP20
IP20






LED life \geq 50.000 hours L80 B10 - Ta 25° C

New
Opti Beam
CRI > 90
Spot 12°






2000 / 6000 lm



1840 lm  87 **20W** \longrightarrow  **100W**

2760 lm  87 **30W** \longrightarrow  **150W**
 **35W**

3680 lm  142 **40W** \longrightarrow  **200W**
 **50W**

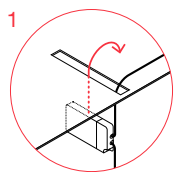
5520 lm  142 **60W** \longrightarrow  **300W**
 **70W**

Colour

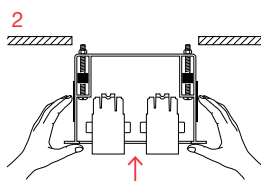
	
3000K CRI 90 CRI 96	4000K CRI 96

The luminous flux and power values indicated are nominal data.

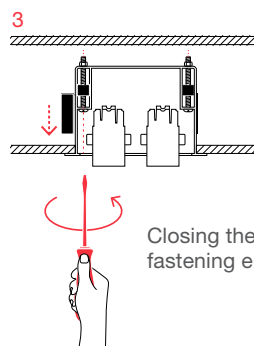
Installation



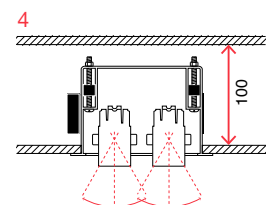
Inserting the ballast



Fitting the body into the housing



Closing the 4 fastening elements



Aiming

Laser Blade

Wall washer



Laser Blade Wall washer Optic

With Laser Blade Wall washer you eliminate the border effect typical of a traditional optic made without special technical/construction measures. The image shows the 2000 lumen Neutral White Wall washer version. The values shown refer to the Lux

The Magenta Room - The Jorge Rando Museum - Malaga, Spain
Architectural design: Jose Antonio Gonzalez Vargas
Photo: Jesús Granada

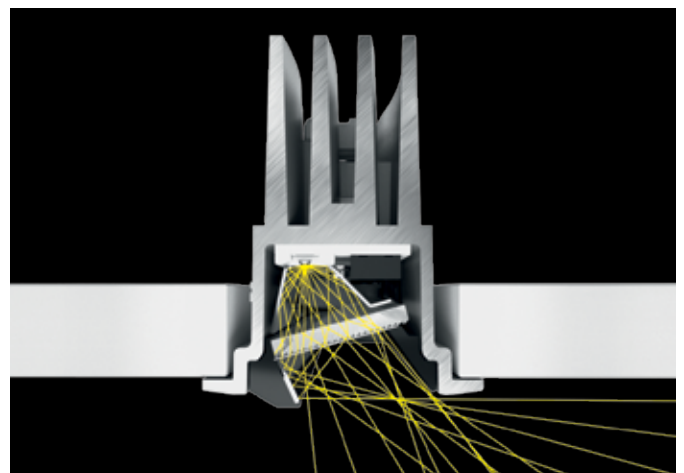
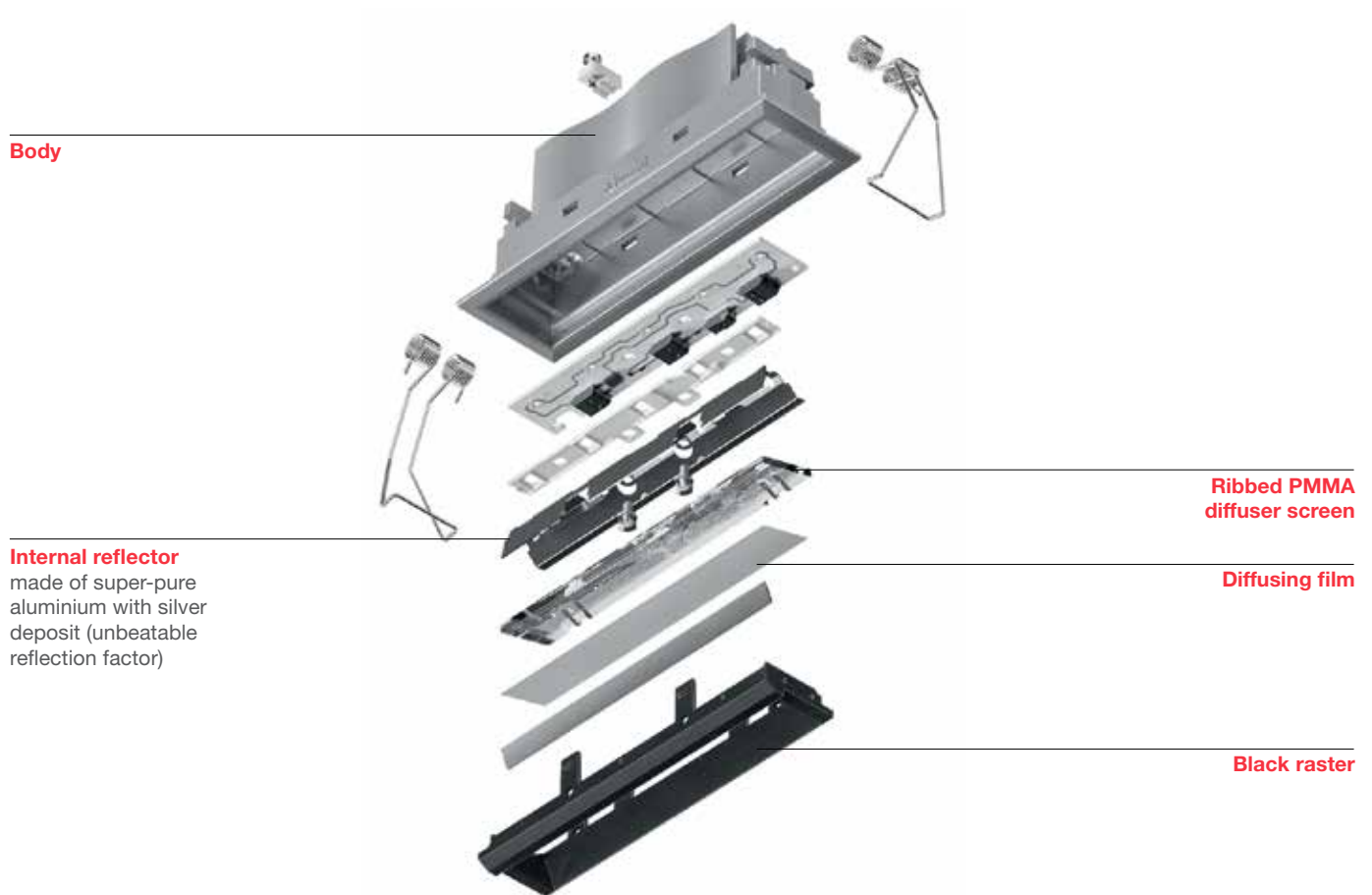
Laser Blade Wall washer.

Ultimate vertical wall enhancement.

New
Tunable white
2700K - CRI 96
Minimal installation

The secret of the Laser Blade Wall washer is its optical unit: a combination of reflectors and optic screens that guarantee even, homogeneous lighting on vertical walls. The optic screen is based on meticulous technological research and consists of an

internal oblique reflective part (which points the light at the upper edge of the wall) and a front refractive, prismatic surface. Laser Blade Wall washer can also be used in combination with general lighting and High Contrast versions.



Laser Blade

Wall washer



Frame



10W / 920lm



21W / 1840lm



31W / 2760lm

Minimal



10W / 920lm



21W / 1840lm



31W / 2760lm

Values refer to the 4000K versions.

Frame

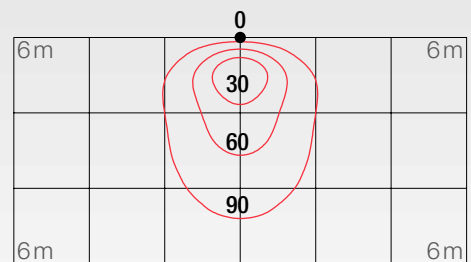


74 Grey/Black



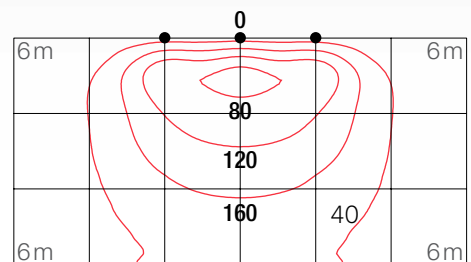
47 White/Black

The current W value may be reduced with the progress of technology. For updated data please refer to our on-line catalogue.



Effect obtained with 1 product
1 m from the wall.

Neutral white 2000lm (20 W) version



3 products 1 m from the wall
and with 1 m separating the luminaires.

Neutral white 2000lm (20 W) version

For the best possible uniformity, comply with the distance instructions 1 m from the wall to be lit and 1 m distance separating two or more luminaires. The 1000lm version needs to be 0.8 m from the wall, with 0.8 m separating luminaires.



LED life ≥ 50.000 hours L80 B10 - Ta 25° C

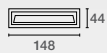
New

Tunable white
2700K - CRI 96
Minimal installation



1000 / 3000 lm

920 lm



10W



50W

Colour



2700K
CRI 96

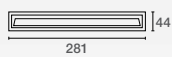


3000K
CRI 90



4000K
CRI 96

1840 lm

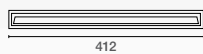


20W



100W

2760 lm



30W



150W

2x26W

35W

Tunable white



2700K

3000K

3400K

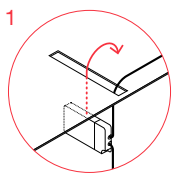
4000K

4900K

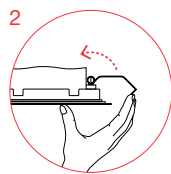
5700K

The luminous flux and power values indicated are nominal data.

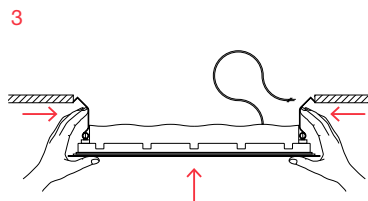
Installation



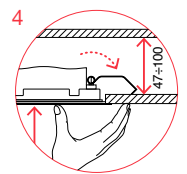
Inserting the ballast



Spring tension



Fitting the body into the housing



Spring anchoring

Laser Blade
General Lighting



Conrad Hotel – Beijing, China
Customer: China Merchants Property Development Co., Ltd.
Architectural design: MAD Architects
Lighting designer: Grand Sight Design International Limited
Photo: courtesy of Grand Sight Design International Limited

Laser Blade General Lighting.

New
CRI > 90

A perfectly even light beam.

A larger emission surface that creates diffused, shadow-free lighting in any environment. Installing Laser Blade General Lighting transmits a unique sensation of liberty and space. The product uses an innovative optic system with a carefully designed

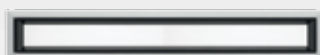
microprismatic screen that produces even and extensive light distribution, and is available in three lighting powers (1000, 2000 and 3000lm) and with two different colour temperatures: Neutral and Warm White.



Laser Blade
General Lighting



10W / 920lm

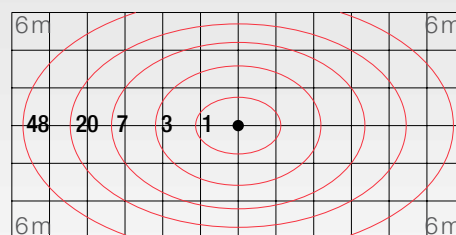


20W / 1840lm

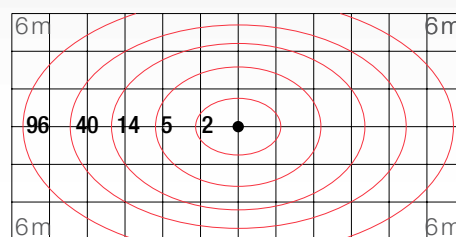


30W / 2760lm

Values refer to the 4000K versions.



Effect obtained with a 1000lm (10 W)
product 3 m high



Effect obtained with a 2000lm (21 W)
product 3 m high

Frame



74 Grey/Black



47 White/Black

The current W value may be reduced with the progress of technology.
For updated data please refer to our on-line catalogue.

Product codes pag. 68



New
CRI > 90

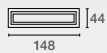


LED life ≥ 50.000 hours L80 B10 - Ta 25° C



1000 / 3000 lm

920 lm



10W



50W

Colour

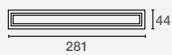


3000K
CRI 90



4000K
CRI 96

1840 lm

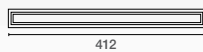


20W



100W

2760 lm



30W



150W



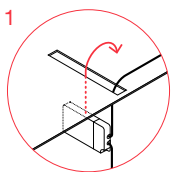
2x26W



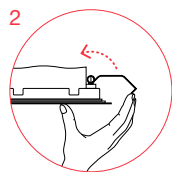
35W

The luminous flux and power values indicated are nominal data.

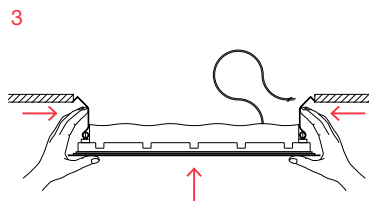
Installation



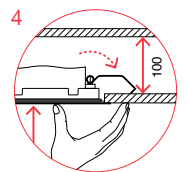
Inserting the ballast



Spring tension



Fitting the body into the housing



Spring anchoring



Music and Dance School - Martigues, France
Architectural design: Basalt Architecture
Photo: Daniel Moulinet

Laser Blade iN30

Recessed, surface-mounted, pendant and a modular system.

New
CRI > 90
Opti Beam

A compact and minimal profile that multiplies Laser Blade's application options. Laser Blade iN30 can be ceiling or pendant-mounted, recessed, modular system, installed in single modules or united in continuous lines to suit the geometry of any space perfectly. These elegant profiles are designed to create uninterrupted lines of light that are ideal for

the general lighting of reception areas, entrances, halls, waiting rooms and connecting areas. Laser Blade iN30 is available in two direct emission solutions: low contrast for general lighting with an opal diffuser screen; and high contrast with Laser Blade microreflectors for direct light with controlled luminance and high visual comfort (UGR<19).

30
millimetres



General lighting



Wide Flood
 α 48°

Laser Blade

iN30

Laser Blade iN30 High Contrast



High Contrast

22W – 1245 mm **1840 lm**

42W – 1500 mm **3680 lm**

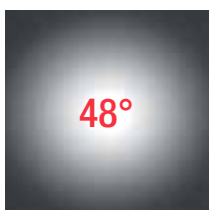
Low Contrast

22W – 1200 mm **2650 lm**

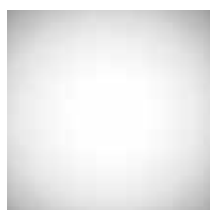
45W – 2400 mm **5290 lm**

The luminous flux and power values indicated are nominal data.
Values refer to the 4000K versions.

Optic High Contrast Optic Low Contrast





Wide Flood



General lighting

The current W value may be reduced with the progress of technology.
For updated data please refer to our on-line catalogue.

Colour

	
3000K CRI 80 CRI 96	4000K CRI 80 CRI 96

Product codes pag. 69

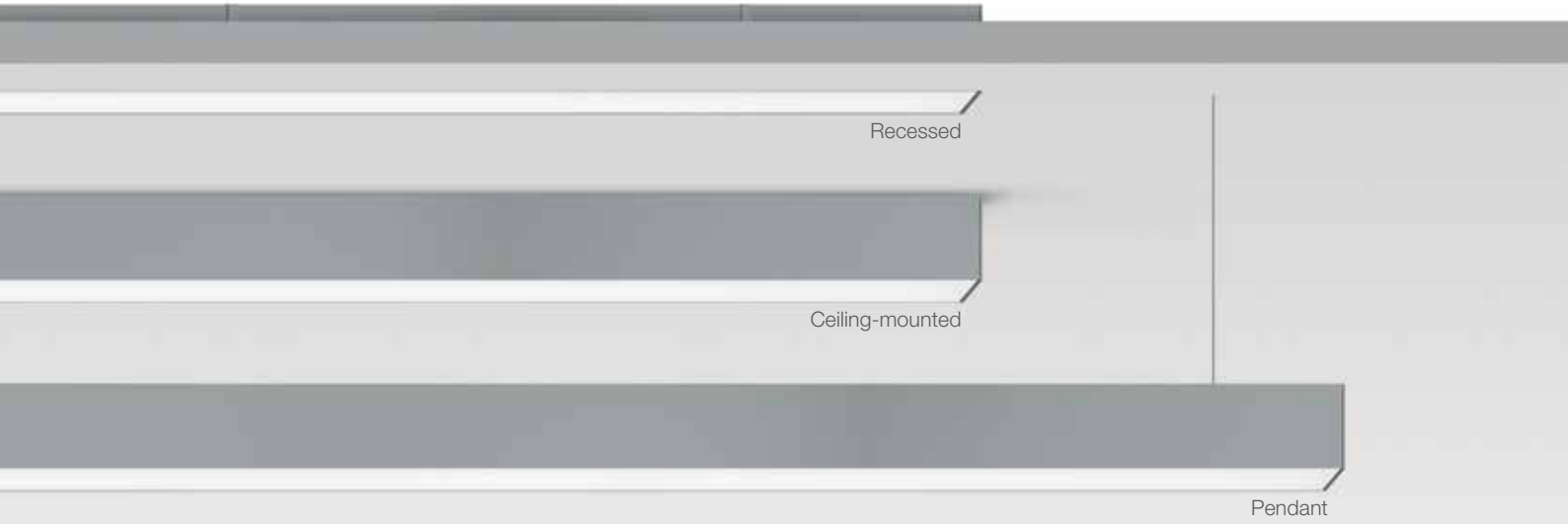


New
CRI > 90
Opti Beam



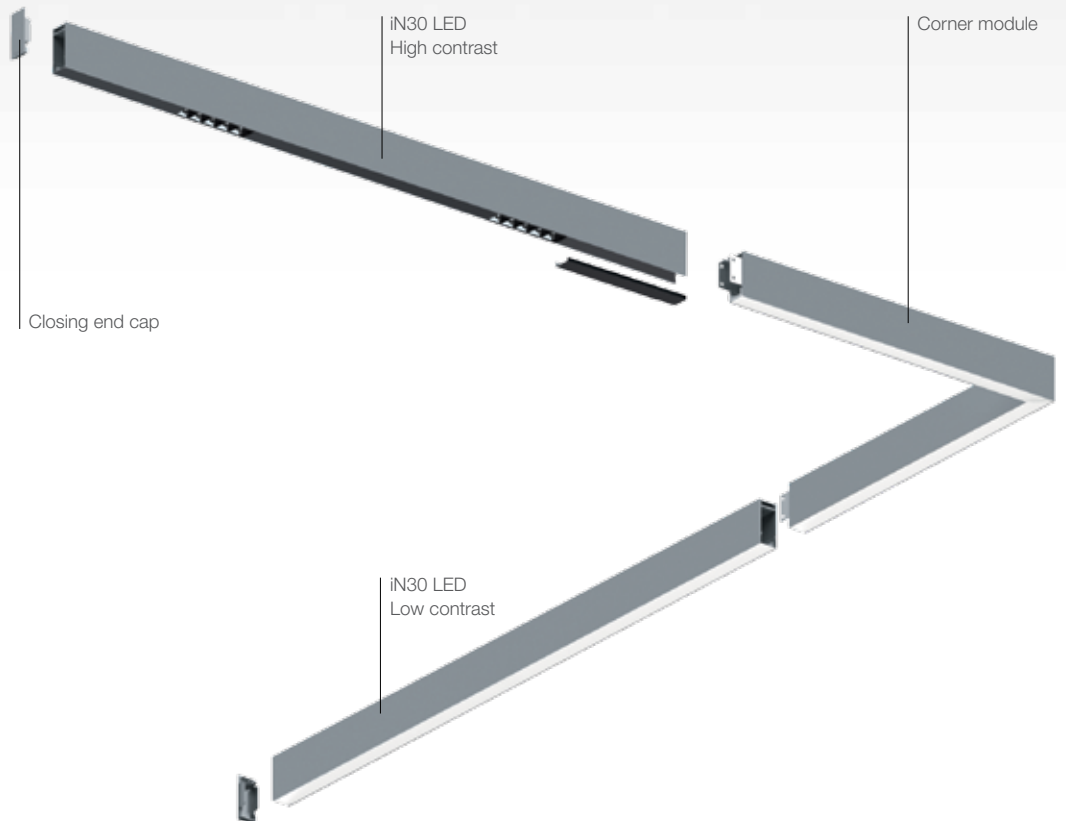
LED life ≥ 50.000 hours L80 B10 - Ta 25° C

Laser Blade IN30
Low Contrast



System

The system allows Low contrast modules to be combined with High contrast modules, using a special accessory.



Laser Blade

System53

Design OMA

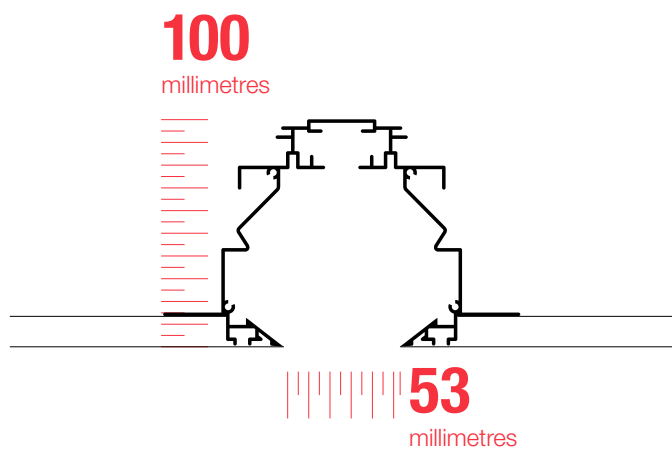


ISSEY MIYAKE flagship store – London, United Kingdom
Architectural and lighting design: Tokujin Yoshioka
Main Contractor: Portview Fit-Out Limited
Project Managers: Leckenby Associates
Photo: Courtesy of Issey Miyake Issey Miyake

Laser Blade System53.

Modular, functional and versatile.

The opening measuring just 53 mm and the frame profile guarantee that the lighting system completely blends in. Laser Blade System53 is an equipped channel which meets the most complex lighting design requirements. The profile can be fitted with any type of optical unit: Adjustable (with rotating-translating system); Wall washer; General Lighting (iN30 low contrast); Fixed visual comfort optic (iN30 High Contrast); Accent (spot).



Spot
 α 12°



Flood
 α 32°



Wide Flood
 α 48°



Wall washer



Spot
 α 10°



Medium
 α 26°



General lighting

New

Opti Beam
CRI > 90
Spot 12°



Laser Blade
System53



Studio Matteo Nunziati - Milan, Italy
Architectural design: Matteo Nunziati
Photo: Beppe Raso

Versatility and personalisation.

An innovative slide and swivel system.

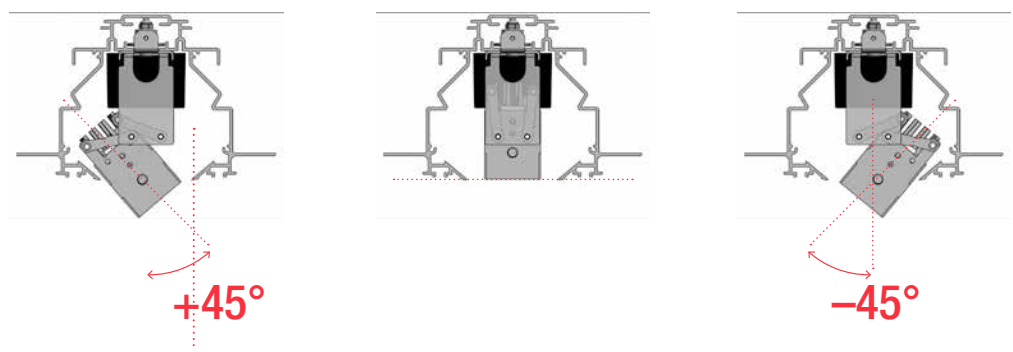
New
Opti Beam
CRI > 90
Spot 12°

To enhance spaces, emphasize the plasticity of materials and create an attractive play of light and shade, a focused, precision-aimed beam of light is required. Laser Blade System53 has an innovative adjustable module featuring a slide and swivel system that allows light to be aimed efficiently and

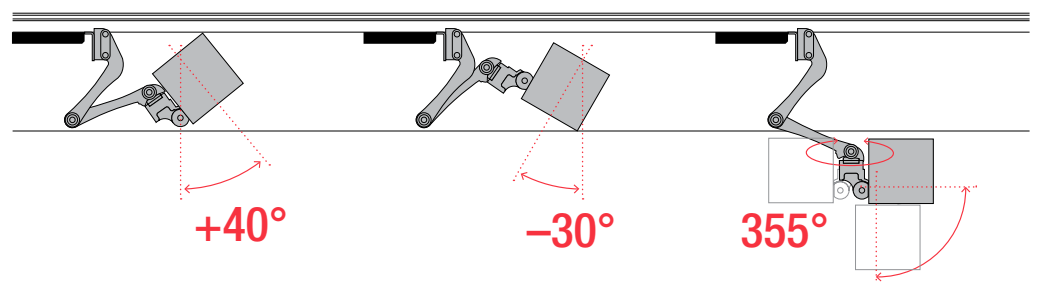
comfortable. The system also has a modular shape and length thanks to its corner and wall/ceiling corner accessories. A perfect lighting system. Elegance, control and a compact design at the service of architecture.



The innovative rotatingtranslating system allows module rotation $\pm 45^\circ$ in an opening of just 53 mm.

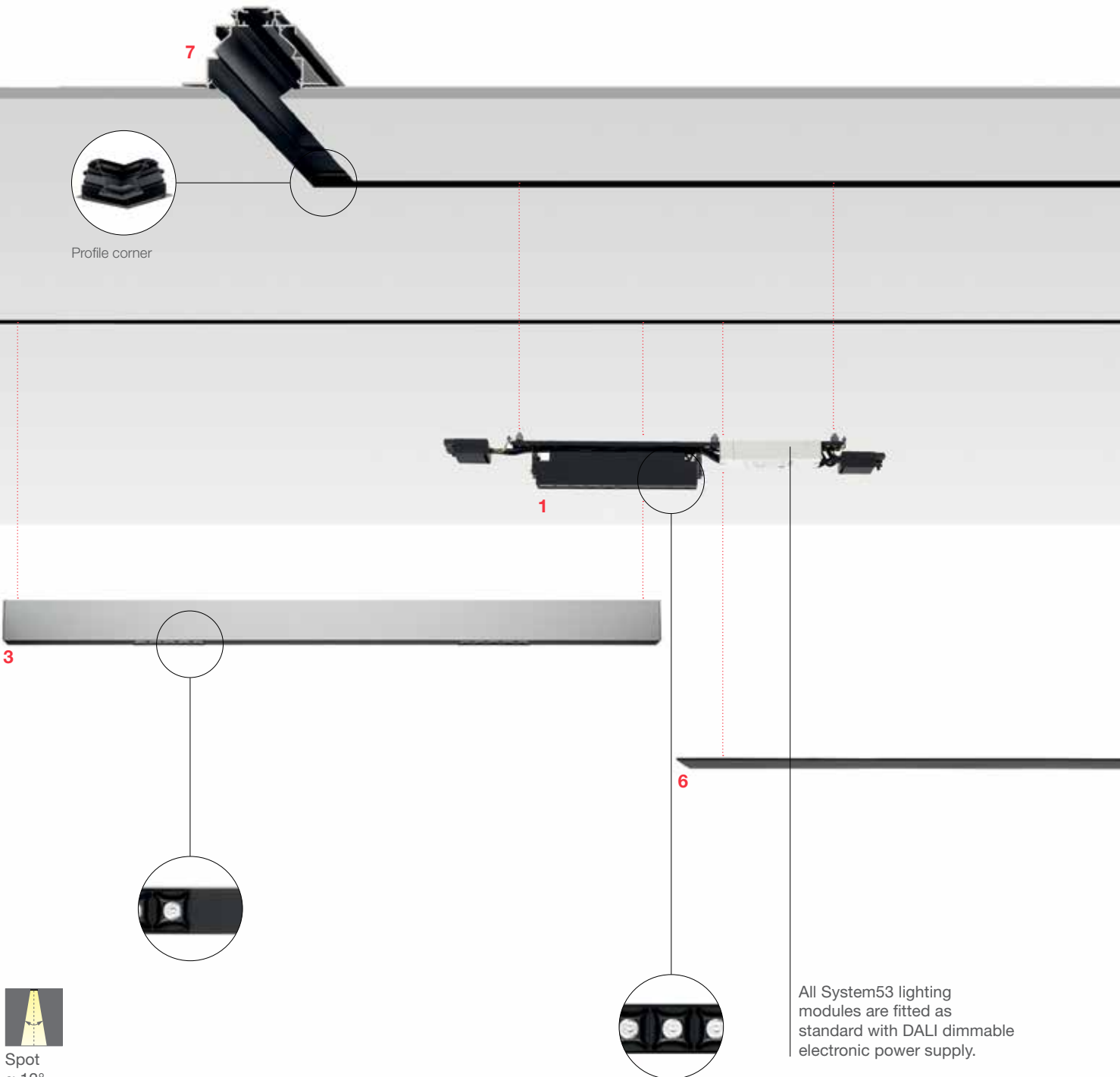


The spot can be moved inside or outside the channel.




Laser Blade


System53



All System53 lighting modules are fitted as standard with DALI dimmable electronic power supply.


Spot
α 12°


Flood
α 32°


Wide Flood
α 48°


General lighting


Wide Flood
α 48°


Wall Washer

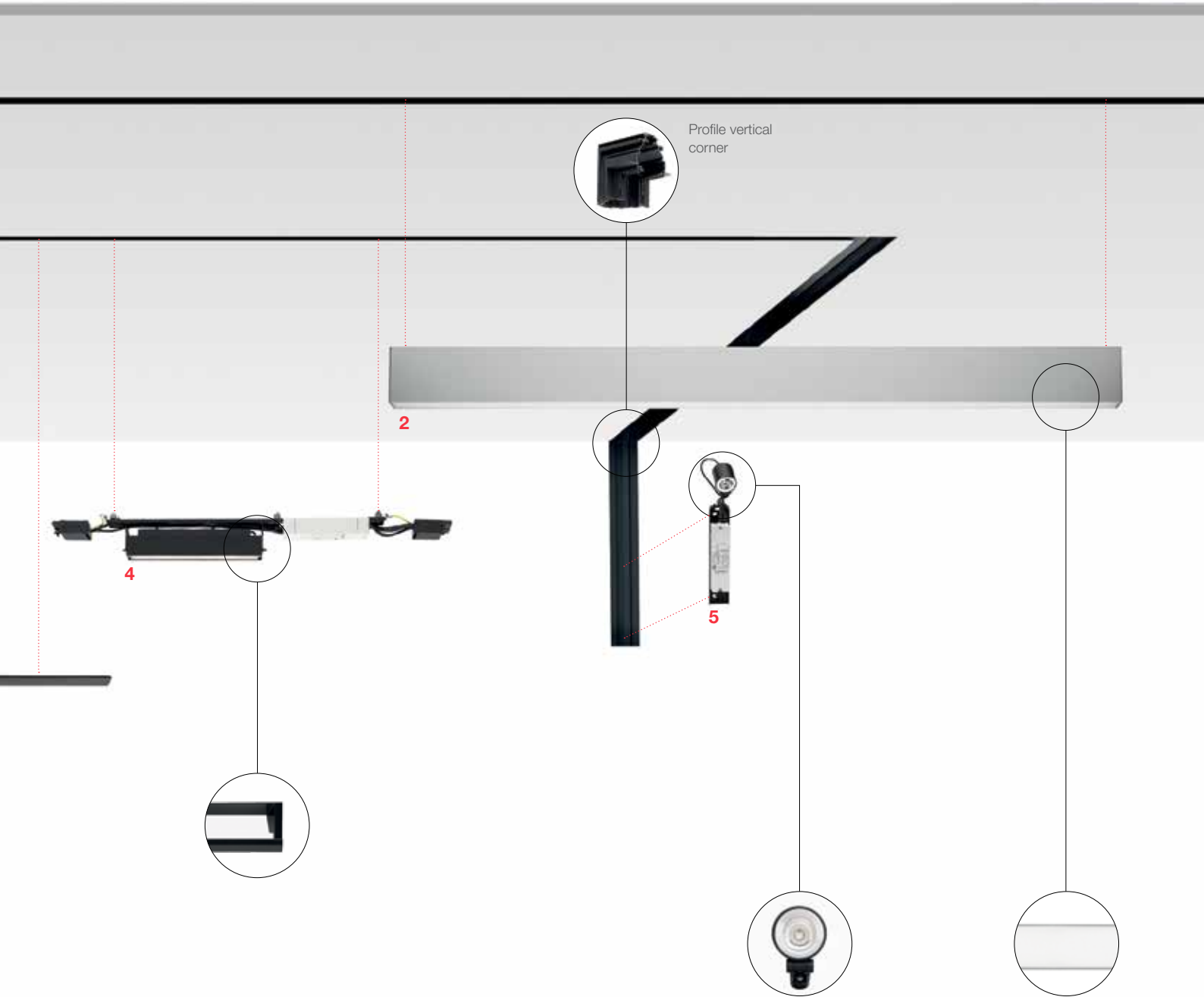
1 – Adjustable module
Adjusted, comfortable lighting. Rotation with continuous friction 45° in both sides of the channel

2 – General lighting module
Lines of diffused lighting with iN30 low contrast modules, with opal methacrylate screens

3 – High Contrast module
Direct light with controlled luminance and high visual comfort, with the fixed optic of the iN30 High Contrast linear module

4 – Wall washer module
A combination of reflectors and optic screens that guarantee even, homogeneous lighting on vertical walls.

New
 Opti Beam
 CRI > 90
 Spot 12°



Spot
 α 10°

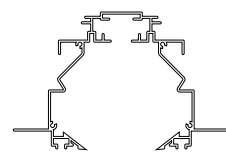


Medium
 α 26°

5 - Spot module
 Adjustable spotlight
 for accent lighting



6 - Black cover
 Covering sheath for cables
 and components can
 be selected at the site
 with the length needed



7 - Frameless profile
 Profile with various
 lengths supplied in black

Laser Blade
System53



Adjustable modules



5 LED / 10W

920 lm



10 LED / 21W


1840 lm



15 LED / 31W

2760 lm

Colour

	
3000K CRI 90 CRI 80	4000K CRI 96 CRI 80

Wall washer modules



21W

1840 lm

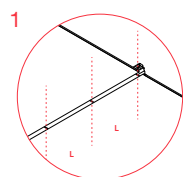


31W

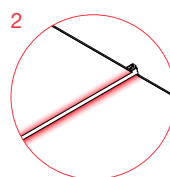
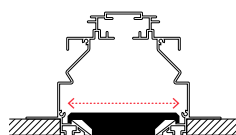
2760 lm

Values refer to the 4000K versions.

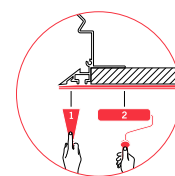
Installation



Profile installation
with the aid of spacers



Levelling and painting
to finish the false ceiling



The current W value may be reduced with the progress of technology.
For updated data please refer to our on-line catalogue.

Product codes pag. 70



LED life ≥ 50.000 hours L80 B10 - Ta 25° C

New
Opti Beam
CRI > 90
Spot 12°



Spot module



9W

800 lm

High Contrast



22W – 1245mm

1840 lm



42W – 1500 mm

3680 lm

General lighting



22W – 1200 mm

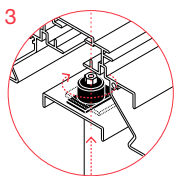
2650 lm



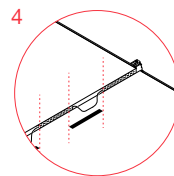
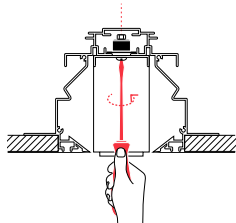
45W – 2400 mm

5290 lm

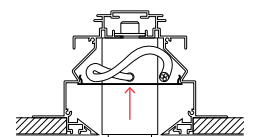
The luminous flux and power values indicated are nominal data.



Insertion of modules made easy



Finished off with a black cover to conceal cables and power supplies



Laser Blade L
High Contrast



01
WHITE



04
BLACK



01
WHITE



47
WHITE/BLACK

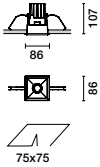


74
GREY/BLACK

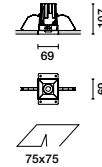
New



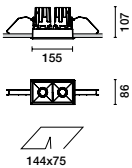
Light source	W	lm	Optic	Code	Colour
LED	Frame installation				
Complete with power supply					
4000K - CRI 80					
9W	1000		54°	N153	47-74-01
3000K - CRI 80					
9W	900		54°	N154	47-74-01
3000K - CRI 90					
9W	750		30°	N155	47-74-01
9W	750		54°	N156	47-74-01
2700K - CRI 90					
9W	700		30°	N157	47-74-01
9W	700		54°	N158	47-74-01
4000K - CRI 80 - DALI					
9W	1000		54°	N159	47-74-01
3000K - CRI 80 - DALI					
9W	900		50°	N160	47-74-01
3000K - CRI 90 - DALI					
9W	750		30°	N161	47-74-01
9W	750		50°	N162	47-74-01
2700K - CRI 90 - DALI					
9W	700		30°	N163	47-74-01
9W	700		54°	N164	47-74-01



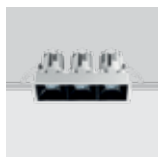
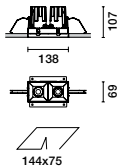
Light source	W	lm	Optic	Code	Colour
LED	Minimal installation				
Complete with power supply					
4000K - CRI 80					
9W	1000		54°	N137	04-01
3000K - CRI 90					
9W	750		30°	N138	04-01
9W	750		54°	N139	04-01
2700K - CRI 90					
9W	700		30°	N140	04-01
9W	700		54°	N141	04-01
4000K - CRI 80 - DALI					
9W	1000		54°	N142	04-01
3000K - CRI 90 - DALI					
9W	750		30°	N143	04-01
9W	750		54°	N144	04-01
2700K - CRI 90 - DALI					
9W	700		30°	N145	04-01
9W	700		54°	N146	04-01



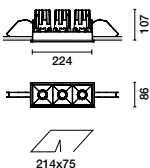
Light source	W	lm	Optic	Code	Colour
LED	Frame installation				
Complete with power supply DALI					
4000K - CRI 80					
18W	2000		54°	N165	47-74-01
3000K - CRI 80					
18W	1800		54°	N166	47-74-01
3000K - CRI 90					
18W	1500		54°	N167	47-74-01
2700K - CRI 90					
18W	1400		54°	N168	47-74-01



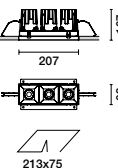
Light source	W	lm	Optic	Code	Colour
LED	Minimal installation				
Complete with power supply DALI					
4000K - CRI 80					
18W	2000		54°	N147	04-01
3000K - CRI 90					
18W	1500		54°	N148	04-01
2700K - CRI 90					
18W	1400		54°	N149	04-01



Light source	W	lm	Optic	Code	Colour
LED	Frame installation				
Complete with power supply DALI					
4000K - CRI 80					
26W	3000		54°	N169	47-74-01
3000K - CRI 80					
26W	2700		54°	N170	47-74-01
3000K - CRI 90					
26W	2250		54°	N171	47-74-01
2700K - CRI 90					
26W	2100		54°	N172	47-74-01



Light source	W	lm	Optic	Code	Colour
LED	Minimal installation				
Complete with power supply DALI					
4000K - CRI 80					
26W	3000		54°	N150	04-01
3000K - CRI 90					
26W	2250		54°	N151	04-01
2700K - CRI 90					
26W	2100		54°	N152	04-01



The current W value may be reduced with the progress of technology. For updated data please refer to our on-line catalogue.



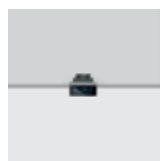
04
BLACK/BLACK



47
WHITE/BLACK

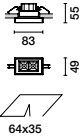


74
GREY/BLACK



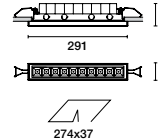
Light source	W	lm	Optic	Code	Colour
LED	3000K - CRI 90				
	4,1W	370	32°	BX56	47-74
	2700K - CRI 96				
	4,1W	340	32°	BX57	47-74

Class of Insulation III
Power supply to be ordered separately
Available 4000K (32°) version
Colour 04 available upon request



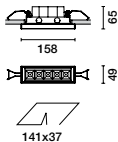
Light source	W	lm	Optic	Code	Colour
LED	Complete with power supply				
	3000K - CRI 90				
	21W	1840	12°	BX69	47-74
	21W	1840	48°	BX70	47-74
	2700K - CRI 96				
	21W	1700	12°	BX71	47-74
	21W	1700	48°	BX72	47-74

Available 4000K (48°) and DALI version
Colour 04 available upon request



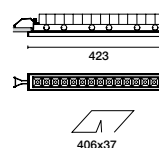
Light source	W	lm	Optic	Code	Colour
LED	Complete with power supply				
	3000K - CRI 90				
	10W	920	12°	BX59	47-74
	10W	920	48°	BX60	47-74
	2700K - CRI 96				
	10W	850	12°	BX61	47-74
	10W	850	48°	BX62	47-74

Available 4000K (48°) and DALI version
Colour 04 available upon request



Light source	W	lm	Optic	Code	Colour
LED	Complete with power supply				
	3000K - CRI 90				
	31W	2700	12°	BX79	47-74
	31W	2700	48°	MX80	47-74
	2700K - CRI 96				
	31W	2500	12°	BX81	47-74
	31W	2500	48°	BX82	47-74

Available 4000K (48°) and DALI version
Colour 04 available upon request



The fitting can be installed with a protruding frame (15 mm) or flush with the ceiling with the appropriate accessory.

installation systems and components

	X111	00	Electronic power supply DALI 50 W 700mA	BZM4	00
	per BX56-BX57		Max 10 products connected		
	X112	00	Electronic power supply IP67 15 W 700mA	X119	00
	per BX59-BX60-BX61-BX62		Max 3 products connected		
	X113	00	Electronic power supply IP67 30 W 700mA	X120	00
	per BX69-BX70-BX71-BX72		Max 7 products connected		
	X114	00	Box for power supplies IP67	9582	00
	per BX79-BX80-BX81-BX82		dim. 140x230x95h		
	X115	00	Connector block IP68	BZK6	00
	per BX56-BX57		Suitable for cables 2x2,5 mm ²		
	X116	00	Connector block IP68	BZG8	00
	per BX59-BX60-BX61-BX62				
	X117	00	Watertight connector IP68	9581	04
	per BX69-BX70-BX71-BX72				
	X118	00	Suction cup	9583	00
	per BX79-BX80-BX81-BX82		to pull out products installed flush to the ceiling		
	MXF9	00			
Max 3 products connected					



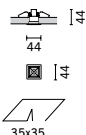
04
BLACK

47
WHITE/BLACK

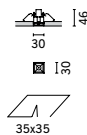
74
GREY/BLACK



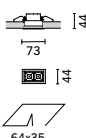
Light source	W	lm	Optic	Code	Colour
LED New	Frame installation				
4000K - CRI 96					
2,1W	190	32°	MK45	47-74	
3000K - CRI 90					
2,1W	190	32°	MK46	47-74	
3000K - CRI 96					
2,1W	170	32°	MQ81	47-74	
2700K - CRI 96					
• 2,1W	170	32°	MM75	47-74	



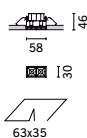
Light source	W	lm	Optic	Code	Colour
LED New	Minimal installation				
4000K - CRI 96					
2,1W	190	32°	MT91	04	
3000K - CRI 96					
2,1W	170	32°	MT92	04	
2700K - CRI 96					
• 2,1W	170	32°	MM83	04	



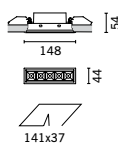
Light source	W	lm	Optic	Code	Colour
LED New	Frame installation				
4000K - CRI 96					
4,2W	380	32°	MK47	47-74	
3000K - CRI 90					
4,2W	380	32°	MK48	47-74	
3000K - CRI 96					
4,2W	340	32°	MQ76	47-74	
2700K - CRI 96					
• 4,2W	340	32°	MM76	47-74	



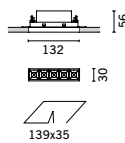
Light source	W	lm	Optic	Code	Colour
LED New	Minimal installation				
4000K - CRI 96					
4,1W	380	32°	MT93	04	
3000K - CRI 96					
4,1W	340	32°	MT94	04	
2700K - CRI 96					
• 4,2W	340	32°	MM84	04	



Light source	W	lm	Optic	Code	Colour
LED New	Frame installation				
Complete with power supply					
4000K - CRI 96					
10W	920	48°	MK49	47-74	
3000K - CRI 90					
10W	920	32°	MK50	47-74	
10W	920	48°	MK51	47-74	
4000K - CRI 96 - DALI					
10W	920	48°	MQ77	47-74	
3000K - CRI 90 - DALI					
• 10W	920	12°	P129	47-74	
10W	920	32°	MQ78	47-74	
10W	920	48°	MQ79	47-74	
3000K - CRI 96 - DALI					
• 10W	850	12°	P130	47-74	
10W	850	32°	MQ80	47-74	
10W	850	48°	MQ81	47-74	
2700K - CRI 96 - DALI					
• 10W	850	12°	P131	47-74	
• 10W	850	32°	MM77	47-74	
• 10W	850	48°	MM78	47-74	
Tunable white DALI					
• 10W	970	32°	P182	47-74	
• 10W	970	48°	P183	47-74	



Light source	W	lm	Optic	Code	Colour
LED New	Minimal installation				
Complete with power supply					
4000K - CRI 96					
10W	920	48°	MK36	04	
3000K - CRI 90					
10W	920	32°	MK37	04	
10W	920	48°	MK38	04	
4000K - CRI 96 - DALI					
10W	920	48°	MQ86	04	
3000K - CRI 90 - DALI					
• 10W	920	12°	P137	04	
10W	920	32°	MQ87	04	
10W	920	48°	MQ88	04	
3000K - CRI 96 - DALI					
• 10W	850	12°	P138	04	
10W	850	32°	MQ89	04	
10W	850	48°	MQ90	04	
2700K - CRI 96 - DALI					
• 10W	850	12°	P139	04	
10W	850	32°	MM85	04	
10W	850	48°	MM86	04	
Tunable white DALI					
• 10W	970	32°	P188	04	
• 10W	970	48°	P189	04	





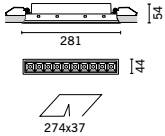
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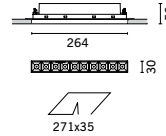
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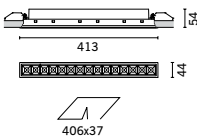
74
GREY/BLACK



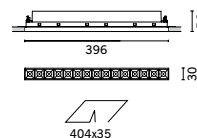
Light source	W	lm	Optic	Code	Colour
LED	New Frame installation				
Complete with power supply DALI					
4000K - CRI 96					
21W	1840	48°		MK52	47-74
3000K - CRI 90					
• 21W	1840	12°		P132	47-74
21W	1840	32°		MK53	47-74
21W	1840	48°		MK54	47-74
3000K - CRI 96					
• 21W	1700	12°		P133	47-74
21W	1700	32°		MQ82	47-74
21W	1700	48°		MQ83	47-74
2700K - CRI 96					
• 21W	1700	12°		P134	47-74
• 21W	1700	32°		MM79	47-74
• 21W	1700	48°		MM80	47-74
Tunable white					
• 21W	1950	32°		P184	47-74
• 21W	1950	48°		P185	47-74



Light source	W	lm	Optic	Code	Colour
LED	New Minimal installation				
Complete with power supply DALI					
4000K - CRI 96					
21W	1840	48°		MK39	04
3000K - CRI 90					
• 21W	1840	12°		P140	04
21W	1840	32°		MK40	04
21W	1840	48°		MK41	04
3000K - CRI 96					
• 21W	1700	12°		P141	04
21W	1700	32°		MQ91	04
21W	1700	48°		MQ92	04
2700K - CRI 96					
• 21W	1700	12°		P142	04
• 21W	1700	32°		MM87	04
• 21W	1700	48°		MM88	04
Tunable white					
• 21W	1950	32°		P190	04
• 21W	1950	48°		P191	04



Light source	W	lm	Optic	Code	Colour
LED	New Frame installation				
Complete with power supply DALI					
4000K - CRI 96					
31W	2760	48°		MK55	47-74
3000K - CRI 90					
• 31W	2760	12°		P135	47-74
31W	2760	32°		MK56	47-74
31W	2760	48°		MK57	47-74
3000K - CRI 96					
• 31W	2550	12°		P136	47-74
31W	2550	32°		MQ84	47-74
31W	2550	48°		MQ85	47-74
2700K - CRI 96					
• 31W	2550	12°		P181	47-74
• 31W	2550	32°		MM81	47-74
• 31W	2550	48°		MM82	47-74
Tunable white					
• 31W	2920	32°		P186	47-74
• 31W	2920	48°		P187	47-74



Light source	W	lm	Optic	Code	Colour
LED	New Minimal installation				
Complete with power supply DALI					
4000K - CRI 96					
31W	2760	48°		MK42	04
3000K - CRI 90					
• 31W	2760	12°		P143	04
31W	2760	32°		MK43	04
31W	2760	48°		MK44	04
3000K - CRI 96					
• 31W	2550	12°		P144	04
31W	2550	32°		MQ93	04
31W	2550	48°		MQ94	04
2700K - CRI 96					
• 31W	2550	12°		P145	04
• 31W	2550	32°		MM89	04
• 31W	2550	48°		MM90	04
Tunable white					
• 31W	2920	32°		P192	04
• 31W	2920	48°		P193	04

Components

	Code	Colour
Electronic power supply 17 W Max 7 LED connected	MXF9	00
Electronic power supply DALI 50 W Max 15 LED connected	BZM4	00

The current W value may be reduced with the progress of technology.
For updated data please refer to our on-line catalogue.

Laser Blade

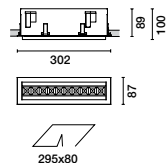
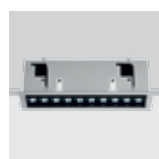
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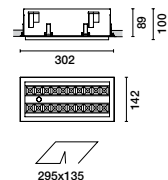
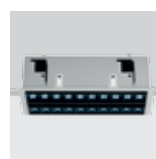
47
WHITE/BLACK



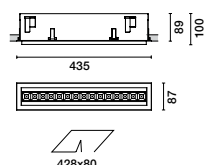
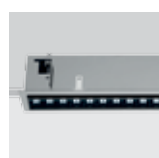
74
GREY/BLACK



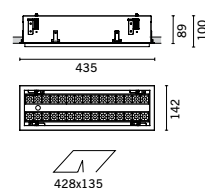
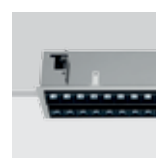
Light source	W	lm	Optic	Code	Colour
LED	New	Complete with power supply DALI			
4000K - CRI 96					
21W	1840	48°	MQ22	47-74	
3000K - CRI 90					
• 21W	1840	12°	MU75	47-74	
21W	1840	32°	MQ23	47-74	
21W	1840	48°	MQ24	47-74	
3000K - CRI 96					
• 21W	1700	12°	MU76	47-74	
21W	1700	32°	MQ25	47-74	
21W	1700	48°	MQ26	47-74	



Light source	W	lm	Optic	Code	Colour
LED	New	Complete with power supply DALI			
4000K - CRI 96					
2x21W	2x1840	48°	MQ32	47-74	
3000K - CRI 90					
• 2x21W	2x1840	12°	MU79	47-74	
2x21W	2x1840	32°	MQ33	47-74	
2x21W	2x1840	48°	MQ34	47-74	
3000K - CRI 96					
• 2x21W	2x1700	12°	MU80	47-74	
2x21W	2x1700	32°	MQ35	47-74	
2x21W	2x1700	48°	MQ36	47-74	



Light source	W	lm	Optic	Code	Colour
LED	New	Complete with power supply DALI			
4000K - CRI 96					
31W	2760	48°	MQ27	47-74	
3000K - CRI 90					
• 31W	2760	12°	MU77	47-74	
31W	2760	32°	MQ28	47-74	
31W	2760	48°	MQ29	47-74	
3000K - CRI 96					
• 31W	2550	12°	MU78	47-74	
31W	2550	32°	MQ30	47-74	
31W	2550	48°	MQ31	47-74	

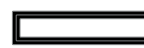


Light source	W	lm	Optic	Code	Colour
LED	New	Complete with power supply DALI			
4000K - CRI 96					
2x31W	2x2760	48°	MQ37	47-74	
3000K - CRI 90					
• 2x31W	2x2760	12°	MU81	47-74	
2x31W	2x2760	32°	MQ38	47-74	
2x31W	2x2760	48°	MQ39	47-74	
3000K - CRI 96					
• 2x31W	2x2550	12°	MU82	47-74	
2x31W	2x2550	32°	MQ40	47-74	
2x31W	2x2550	48°	MQ41	47-74	

The current W value may be reduced with the progress of technology. For updated data please refer to our on-line catalogue.

Laser Blade

Wall washer



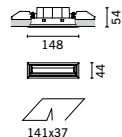
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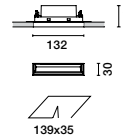
47
WHITE/BLACK



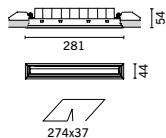
74
GREY/BLACK



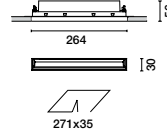
Light source	W	lm	Code	Colour
LED New	Frame installation			
Complete with power supply				
4000K - CRI 96	10W	920	MQ67	47-74
3000K - CRI 90	10W	920	MQ68	47-74
2700K - CRI 96	10W	850	P146	47-74
4000K - CRI 96 - DALI	10W	920	MQ69	47-74
3000K - CRI 90 - DALI	10W	920	MQ70	47-74
2700K - CRI 96 - DALI	10W	850	P147	47-74
Tunable white DALI	10W	970	P194	47-74
DALI versions occupy 1 address				



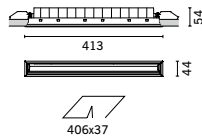
Light source	W	lm	Code	Colour
LED New	Minimal installation			
Complete with power supply				
4000K - CRI 96	10W	920	N327	04
3000K - CRI 90	10W	920	N328	04
2700K - CRI 96	10W	850	P150	04
4000K - CRI 96 - DALI	10W	920	N329	04
3000K - CRI 90 - DALI	10W	920	N330	04
2700K - CRI 96 - DALI	10W	850	P151	04
Tunable white DALI	10W	970	P197	04
DALI versions occupy 1 address				



Light source	W	lm	Code	Colour
LED New	Frame installation			
Complete with power supply DALI				
4000K - CRI 96	21W	1840	MQ71	47-74
3000K - CRI 90	21W	1840	MQ72	47-74
2700K - CRI 96	21W	1700	P148	47-74
Tunable white	21W	1950	P195	47-74
Occupy 1 address				



Light source	W	lm	Code	Colour
LED New	Minimal installation			
Complete with power supply DALI				
4000K - CRI 96	21W	1840	N331	04
3000K - CRI 90	21W	1840	N332	04
2700K - CRI 96	21W	1700	P152	04
Tunable white	21W	1950	P198	47-74
Occupy 1 address				



Light source	W	lm	Code	Colour
LED New	Frame installation			
Complete with power supply DALI				
4000K - CRI 96	31W	2760	MQ73	47-74
3000K - CRI 90	31W	2700	MQ74	47-74
3700K - CRI 96	31W	2550	P149	47-74
Tunable white	31W	2920	P196	47-74
Occupy 1 address				



Light source	W	lm	Code	Colour
LED New	Minimal installation			
Complete with power supply DALI				
4000K - CRI 96	31W	2760	N333	04
3000K - CRI 90	31W	2760	N334	04
2700K - CRI 96	31W	2550	P153	04
Tunable white	31W	2920	P199	04
Occupy 1 address				

Accessories



Antiglare screen

Code	Colour
MXP7	04
for MQ67-MQ68 MQ69-MQ70 P146-P147-P194	
MXP8	04
for MQ71-MQ72 P148-P195	
MXP9	04
for MQ73-MQ74 P149-P196	

The current W value may be reduced with the progress of technology.
For updated data please refer to our on-line catalogue.

Laser Blade

General Lighting



47
WHITE/BLACK

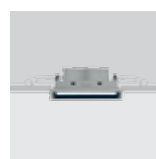
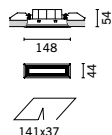


74
GREY/BLACK



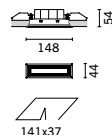
Light source	W	lm	Code	Colour
LED	Complete with power supply			
4000K - CRI 96	10W	920	MQ55	47-74
3000K - CRI 90	10W	920	MK57	47-74
4000K - CRI 96 - DALI	10W	920	MQ58	47-74
3000K - CRI 90 -DALI	10W	920	MQ60	47-74

Le versioni DALI occupano 1 indirizzo



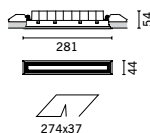
Light source	W	lm	Code	Colour
LED	High output*			
Complete with power supply				
4000K - CRI 96	10W	1000	MQ56	47-74
4000K DALI	10W	1000	MQ59	47-74

Le versioni DALI occupano 1 indirizzo



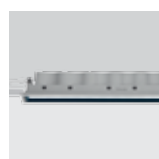
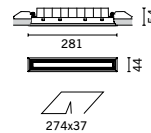
Light source	W	lm	Code	Colour
LED	Complete with power supply DALI			
4000K - CRI 96	21W	1840	MQ61	47-74
3000K - CRI 90	21W	1840	MQ63	47-74

Occupano 1 indirizzo



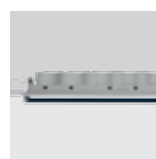
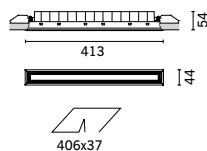
Light source	W	lm	Code	Colour
LED	High output*			
Complete with power supply DALI				
4000K - CRI 96	21W	2000	MQ62	47-74

Occupo 1 indirizzo



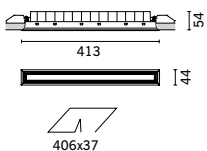
Light source	W	lm	Code	Colour
LED	Complete with power supply DALI			
4000K - CRI 96	31W	2760	MQ64	47-74
3000K - CRI 90	31W	2760	MQ66	47-74

Occupano 1 indirizzo



Light source	W	lm	Code	Colour
LED	High output*			
Complete with power supply DALI				
4000K - CRI 96	31W	3000	MQ65	47-74

Occupo 1 indirizzo



*Versions which meet minimum efficiency requirements lm/W, imposed by the UK government Ref. ECA Energy Technology Criteria list 2013 – high efficiency lighting units.

Laser Blade

iN 30 LED



04
BLACK



12
ALUMINIUM



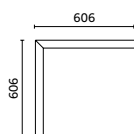
Light source	W	lm	Length	Code	Colour
LED	Initial module - Low Contrast				
4000K - CRI 80					
22W	2650	1197		ME36	12
45W	5290	2394		ME37	12
3000K - CRI 80					
22W	2460	1197		ME38	12
45W	4920	2394		ME39	12
4000K - CRI 80 - DALI					
22W	2650	1197		MJ48	12
45W	5290	2394		MJ49	12
3000K - CRI 80 - DALI					
22W	2460	1197		MJ50	12
45W	4920	2394		MJ51	12



Light source	W	lm	Lungh.	Code	Colour
LED	Continuous row module - Low Contrast				
4000K - CRI 80					
22W	2650	1197		ME40	12
45W	5290	2394		ME41	12
3000K - CRI 80					
22W	2460	1197		ME42	12
45W	4920	2394		ME43	12
4000K - CRI 80 - DALI					
22W	2650	1197		MJ52	12
45W	5290	2394		MJ53	12
3000K - CRI 80 - DALI					
22W	2460	1197		MJ54	12
45W	4920	2394		MJ55	12



Light source	W	lm	Length	Code	Colour
LED	High Contrast module				
4000K - CRI 96					
22W	1840	1197		MJ58	12
42W	3680	1462		MJ62	12
3000K - CRI 90					
22W	1840	1197		MJ59	12
42W	3680	1462		MJ63	12
4000K - CRI 96 - DALI					
22W	1840	1197		MJ60	12
42W	3680	1462		MJ64	12
3000K - CRI 96 - DALI					
22W	1840	1197		MJ61	12
42W	3680	1462		MJ65	12



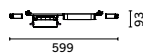
Light source	W	lm		Code	Colour
LED	Angular module - Low Contrast				
4000K - CRI 80					
22W	2650			ME44	12
3000K - CRI 80					
22W	2460			ME45	12
4000K - CRI 80 - DALI					
22W	2650			MJ56	12
3000K - CRI 80 - DALI					
22W	2460			MJ57	12

Accessories and installation systems

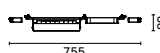
	Code	Colour
Pair of closing end caps for completing single and continuous row installation modules	MX80	15
Connecting elements and covers for completing installation in a continuous row	MX81	00 solo per versioni High Contrast
Power supply base with suspension cables L=1500	MWG5	01
Intermediate suspension cable	MWG6	00
Attachment for surface mounting	MWG7	00
Accessory for recessed installation without rim	MWG8	00

For system composition consult the instruction leaflet

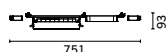
The current W value may be reduced with the progress of technology. For updated data please refer to our on-line catalogue.



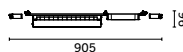
Light source	W	lm	Optic	Code	Colour
LED	New Adjustable module - High Contrast				
Complete with power supply DALI					
4000K - CRI 96					
10W	920	48°	MQ42	04	
3000K - CRI 96					
• 10W	850	12°	MU83	04	
10W	850	32°	MQ43	04	
10W	850	48°	MQ44	04	
Occupy 1 address					



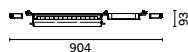
Light source	W	lm	Code	Colour
LED	Fixed Wall washer module			
Complete with power supply DALI				
4000K - CRI 96				
21W	1840		MR97	04
3000K - CRI 90				
21W	1840		MT88	04
Occupy 1 address				



Light source	W	lm	Optic	Code	Colour
LED	New Adjustable module - High Contrast				
Complete with power supply DALI					
4000K - CRI 96					
21W	1840	48°	MQ45	04	
3000K - CRI 96					
• 21W	1700	12°	MU84	04	
21W	1700	32°	MQ46	04	
21W	1700	48°	MQ47	04	
Occupy 1 address					



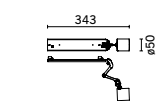
Light source	W	lm	Code	Colour
LED	Fixed Wall washer module			
Complete with power supply DALI				
4000K - CRI 96				
31W	2760		MT89	04
3000K - CRI 90				
31W	2760		MT90	04
Occupy 1 address				



Light source	W	lm	Optic	Code	Colour
LED	New Adjustable module - High Contrast				
Complete with power supply DALI					
4000K - CRI 96					
31W	2760	48°	MQ48	04	
3000K - CRI 96					
• 31W	2550	12°	MU85	04	
31W	2550	32°	MQ49	04	
31W	2550	48°	MQ50	04	
Occupy 1 address					



Light source	W	lm	Length	Code	Colour
LED	Linear module - High Contrast				
Complete with power supply DALI					
4000K - CRI 96					
22W	1840	1197	N933	12	
42W	3680	1462	N934	12	
3000K - CRI 90					
22W	1840	1197	N935	12	
42W	3680	1462	N936	12	
Occupy 1 address					



Light source	W	lm	Optic	Code	Colour
LED	Proiettore orientabile				
Complete with power supply DALI					
4000K - CRI 85					
9W	820	26°	MQ51	04	
3000K - CRI 90					
9W	650	10°	MQ52	04	
9W	650	26°	MQ53	04	
Occupy 1 address					



Light source	W	lm	Length	Code	Colour
LED	Linear module - Low contrast				
Complete with power supply DALI					
4000K - CRI 80					
22W	2650	1197	N937	12	
45W	5290	2394	N938	12	
3000K - CRI 80					
22W	2460	1197	N939	12	
45W	4920	2394	N940	12	
Occupy 1 address					

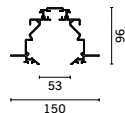
The current W value may be reduced with the progress of technology. For updated data please refer to our on-line catalogue.



04
BLACK



12
ALUMINIUM



Length	Code	Colour
Aluminium structural profile		
500	MXJ4	04
1000	MXJ5	04
2000	MXJ6	04
3000	MXJ7	04

Completo di elementi per la connessione lineare con profili adiacenti



Code	Colour
Angular profile	
MXJ9	04



Code	Colour
Pair of closing end caps	
MXJ8	04



Code	Colour
Wall/ceiling angular profile	
MXN5	04

Accessories

	Code	Colour
Derma for installing structural profile 2 pieces	MXK2	00
Initial plate with terminal blocks	MXK1	04
Through connectors	MXN6	00
Inner cover strip L=1000 2 pieces	MXK0	04

For system composition consult the instruction leaflet

Accessories

	Code	Colour
Pair of closing end caps	MX80	15
for MJ48-MJ49-MJ50-MJ51-MJ52-MJ53-MJ54-MJ55		
Pair of plates for installing IN 30 modules with connectors	MXJ3	00
Connecting elements and covers for completing installation in a continuous row	MX81	00
for MJ60-MJ61-MJ64-MJ65		

For system composition consult the instruction leaflet

Control systems

Tunable white

Basic

An inexpensive configuration that needs no extra components and is ideal for small systems with a maximum of 4 products. By connecting the products with

a Normally open button you can: turn the products on or off (fast click) and vary the colour temperature (long click).

Basic programmable

A configuration for small/medium systems that use standard DALI protocol. The colour temperature is varied according to the predefined steps programmed

on the Router. The system can be extended by connecting a number of Routers (with Ethernet).



	Code	Colour
DALI touch pannel	9718	01
Light control system for Tunable White versions. Manages up to 32 Tunable White products.		



	Code	Colour
DALI Din PS2 power supply	M630	01
Power supply for DALI versions o controls without 240mA power supply. Installation in switchboard.		

Basic for large spaces

A configuration for large systems that use standard KNX protocol. The colour temperature is varied according to the predefined steps programmed on the Gateway. The system can be extended

by connecting a number of Gateways together (a maximum of 32 components between the Gateway and the keys interface).

Smart for large spaces

A configuration for large spaces. The colour temperature is varied using digital programming: with Home link logic the products are

controlled by common external hardware, like a PC, tablet or smartphone.



	Code	Colour
Gateway KNX DALI REG-K/1/16(64)/64	MH97	00
The DALI gateway connects the KNX protocol to the electronic digital devices fitted with a DALI interface. Up to 64 reactors divided into 16 groups can be commanded and adjusted.		



	Code	Colour
Gateway KNX DALI REG-K/1/16(64)/64	MH97	00
The DALI gateway connects the KNX protocol to the electronic digital devices fitted with a DALI interface. Up to 64 reactors divided into 16 groups can be commanded and adjusted.		



	Code	Colour
Keys interface, 2 channels plus	MI02	00
This generates an internal signal tension to connect two conventional buttons or floating contacts and two low current LEDs.		



	Code	Colour
KNX REG-K/320 mA power supply	MH93	00
A module adapted to generate the bus voltage required to power a line of devices. Current: 320 mA		



	Code	Colour
KNX REG-K/320 mA power supply	MH93	00
A module adapted to generate the bus voltage required to power a line of devices. Current: 320 mA		



	Code	Colour
Home LYNk home Automation Expert Solution	M618	00
Manages up to 32 Tunable White products.		

**For information
regarding the sales
conditions please
consult page 712
of The Product Book.
guzzini.com/Catalogues**

Photos pre-elaborated
Page 27-30-46

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