Filippi
LIGHT YOUR VISION

A

HD & HD Floor

hight definition light

The data in this brochure are indicative and we invite you to visit our website 3f-filippi.com or contact our Sales Network to check for any updates.
As we are constantly striving to improve our products, 3F Filippi reserves the right to vary the technical characteristics of the products illustrated herein and the contents of this publication, without prior notice.

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3F Filippi, a company that has made lighting history in Italy, is now a reality at the service of professionals and designers in search of ***quality solutions***.

The most important value:
absolute ***transparency towards the market***.

Since 1952, ***we have been designing and selling quality luminaires*** that guarantee ***performance over time***, thus establishing ourselves as a ***reliable partner*** for the realisation of every lighting project.

3F Filippi is one of the very few companies in Europe to own a ***rotating mirror Goniophotometer***.

The use of this technology allows us to ***guarantee the quality, reliability and authenticity*** of the reported data, through tests such as: ***photometric measurements*** (intensity, distribution, luminance), ***colorimetric measurements*** (light spectrum, colour temperature, colour rendering) and ***punctual thermal measurements*** on the luminaire's internal components.

RELIABILITY

Whenever a customer opts for our products, he must be certain that he is choosing the best there is in terms of technical performance, reliability and consumption.

SUSTAINABILITY

Each product is designed as a platform adaptable to our customers' needs, so that it can be reused, reconditioned, upgraded and recycled.

SECURITY

All products are tested in-house in accordance with current national regulations CEI 34-21, European EN 60598-1 and international IEC 60598-1, guaranteeing maximum safety, quality and durability.

HD was born from the desire to innovate office lighting with a minimalist, contemporary, highly technical linear system.

This is a real necessity, given the growing demand for solutions aimed at energy saving, visual comfort, and current LEED certification, particularly in environments with video terminals. Thanks to our consolidated expertise, we have taken up the challenge of designing a lighting fixture that is ideal for contemporary workspaces in terms of performance and flexibility offered to designers.

Design by
Park

HD: (H)**high** (D)**definition**

HD consists of a linear aluminum profile with an H-shaped section and is available with different photometric distributions, obtained with opal and prismatic screens.

The system can be equipped with two different flat roll-out PMMA diffusers, a prismatic light screen specially designed for 3F Filippi, and a series of OC (Optics Control) optics, depending on the intended use of the environments.

Available in various widths, it offers direct or direct/indirect light emission.

HD FDO

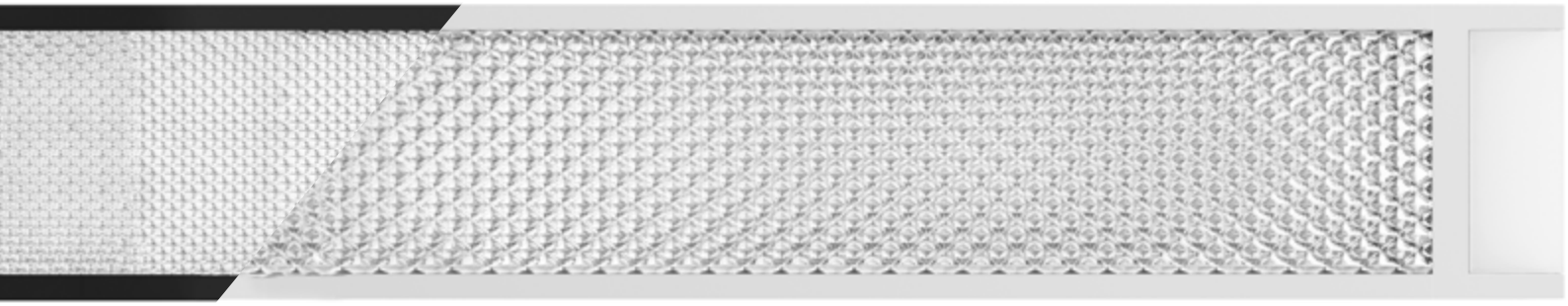
Flat opal diffuser

The opal screen is suitable for areas where visual engagement is not required. This is why it is used in waiting rooms and passageways.

HD FDP

Microprismatic flat diffuser

This special microprismatic screen is designed and developed for office areas. For this reason, it is used in areas where greater visual comfort is required on work surfaces.



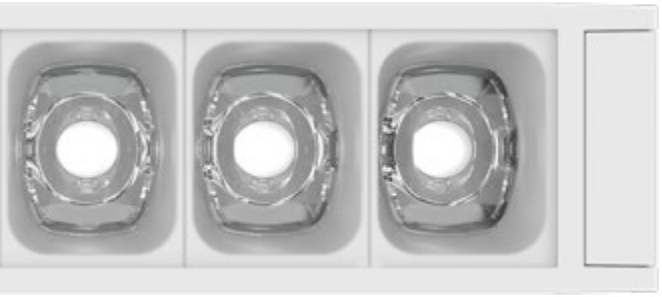
HD GSP

Prismatic light screen

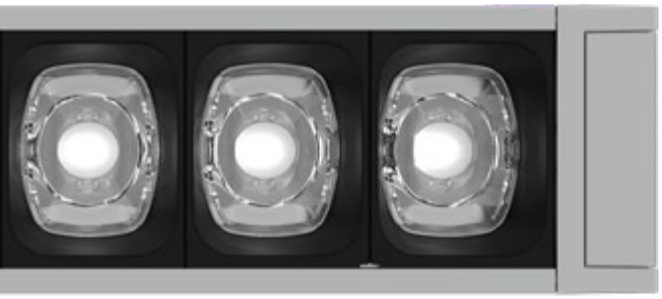
This screen, developed and designed entirely by our R&D department, is also designed for work areas. It is used in areas where greater visual comfort with reduced luminance values is required.

OC optics

The fixture is also available in a LEED-compliant version, equipped with OC optics, an innovative technical solution unique on the market for controlling luminance in work environments, in accordance with LEED specifications.



HD OCW
Optics Control White
LEED certified



HD OCB
Optics Control Black
LEED certified

Finishes

- Black
- White
- Aluminum

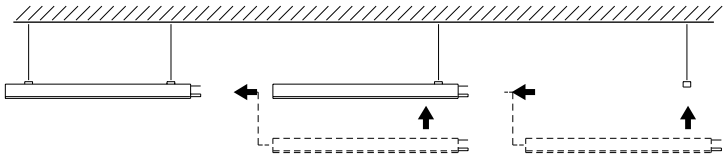
HD is a product that comes with two different types of heads.

The OC (Optic Control – OCB and OCW) versions use blind heads, as luminance control and light distribution are entirely entrusted to the optics. The variants equipped with screens, on the other hand, integrate luminous end caps: elements designed to perform a dual function. On the one hand, they eliminate the annoying “cave” effect, improving the aesthetic perception of the light line; on the other hand, they contribute significantly to reducing luminance and UGR values, ensuring superior visual comfort.

To infinity and **beyond**

In channel versions, the **FastWiring system** drastically reduces installation time. A plug and socket are mounted at the beginning and end of each bar respectively: simply connect them and the connection is made automatically. From a mechanical point of view, the connection is secured by the connecting elements (pre-assembled) inside one of the two bodies and the fastening of the safety screws.

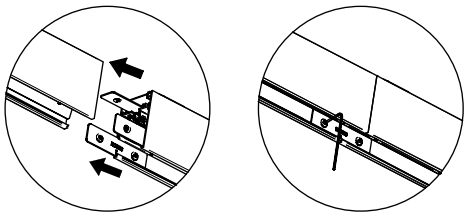
Step 1
Install the structures by connecting them using the (pre-assembled) connecting elements and connect the power supply lines.



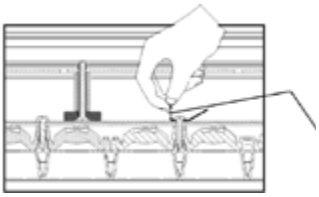
Thanks to innovative **OC optics**, the transverse installation pitch, i.e., the installation distance between fixtures, offered by HD OCB is 50% greater than the average for similar products offered by leading brands on the market.

This performance is achieved by maintaining **500 lux** and ensuring complete uniformity of light output on the work surface with direct emission alone.

Step 2
Connect the Fast Wiring plug by aligning the guides, sliding them into the body, and tightening them with an Allen key.

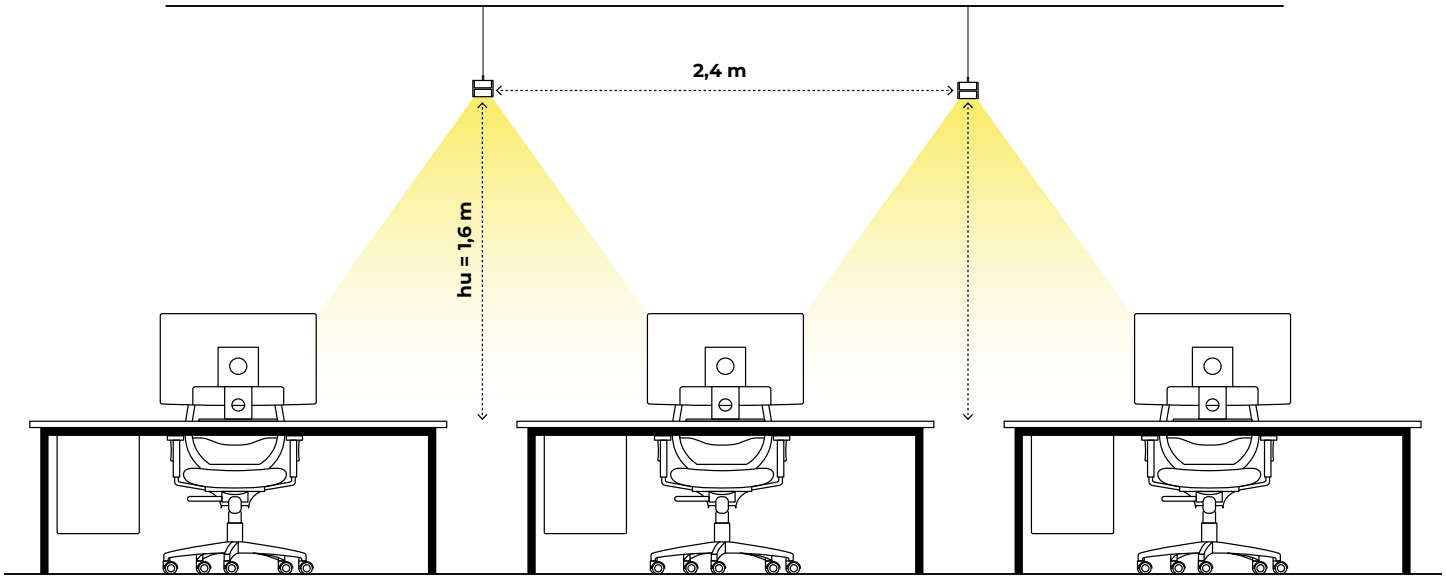


Step 3
Attach the light element to the structure, aligning the two magnets on the optics with those on the body.



The **best**. Here. Now.

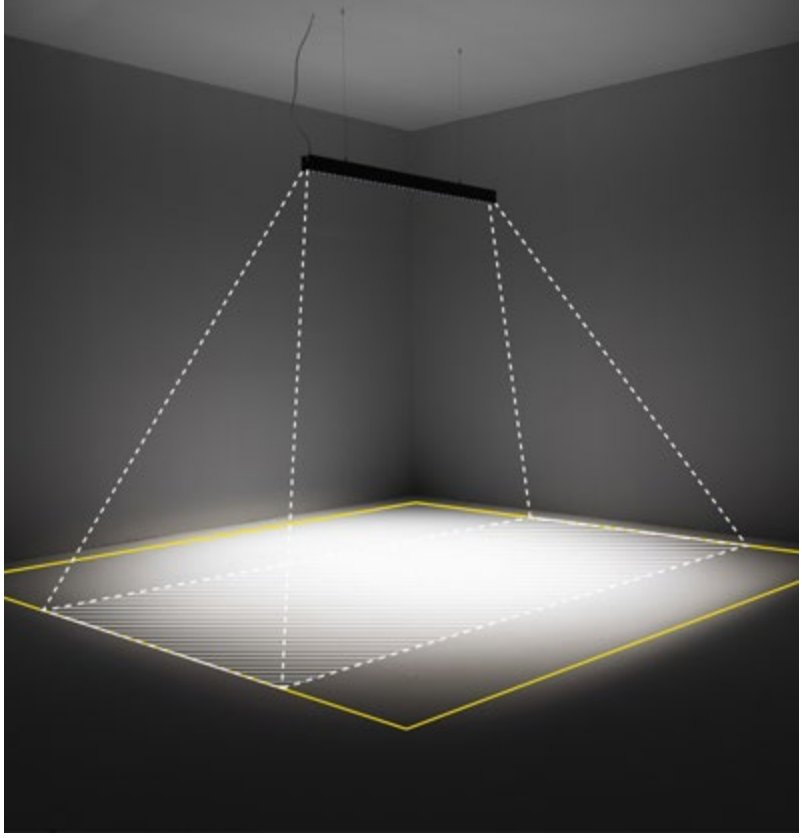
The new optics in the OC (Optic Control) family were created with the aim of achieving the best lighting performance in terms of low luminance and light projection in space: flexibility in furniture arrangement becomes a priority in interior design.



+ ligh - products

Available in **OCW** (Optic Control White) and **OCB** (Optic Control Black) versions, this optic is designed to comfortably meet the safety limits required by **LEED certification**.

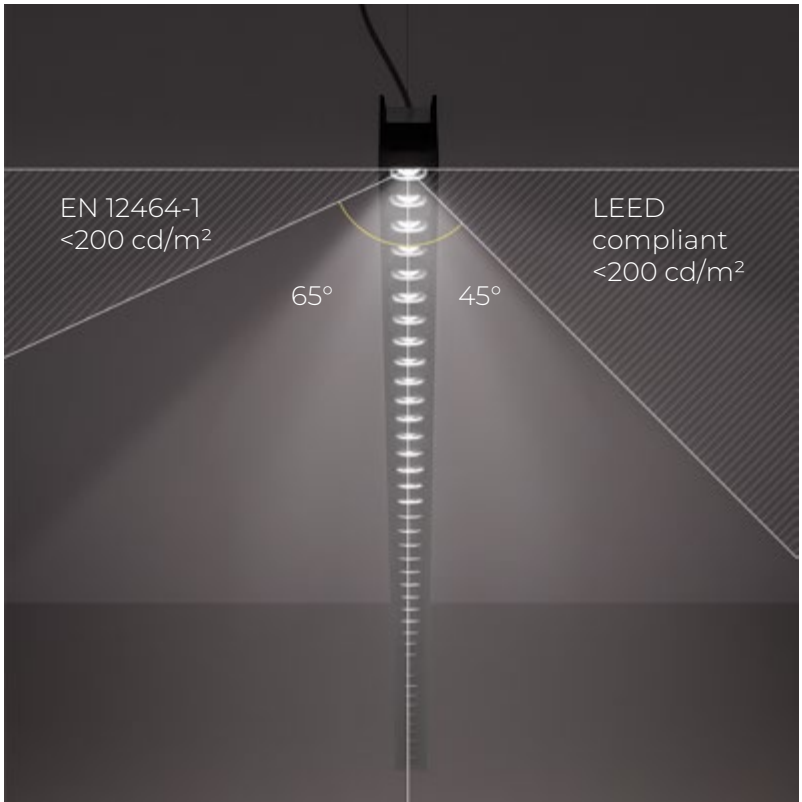
For angles greater than 45° and 65°, 3F HD OC drastically reduces glare levels, making the product appear to be switched off, while still guaranteeing unparalleled levels of illuminance.

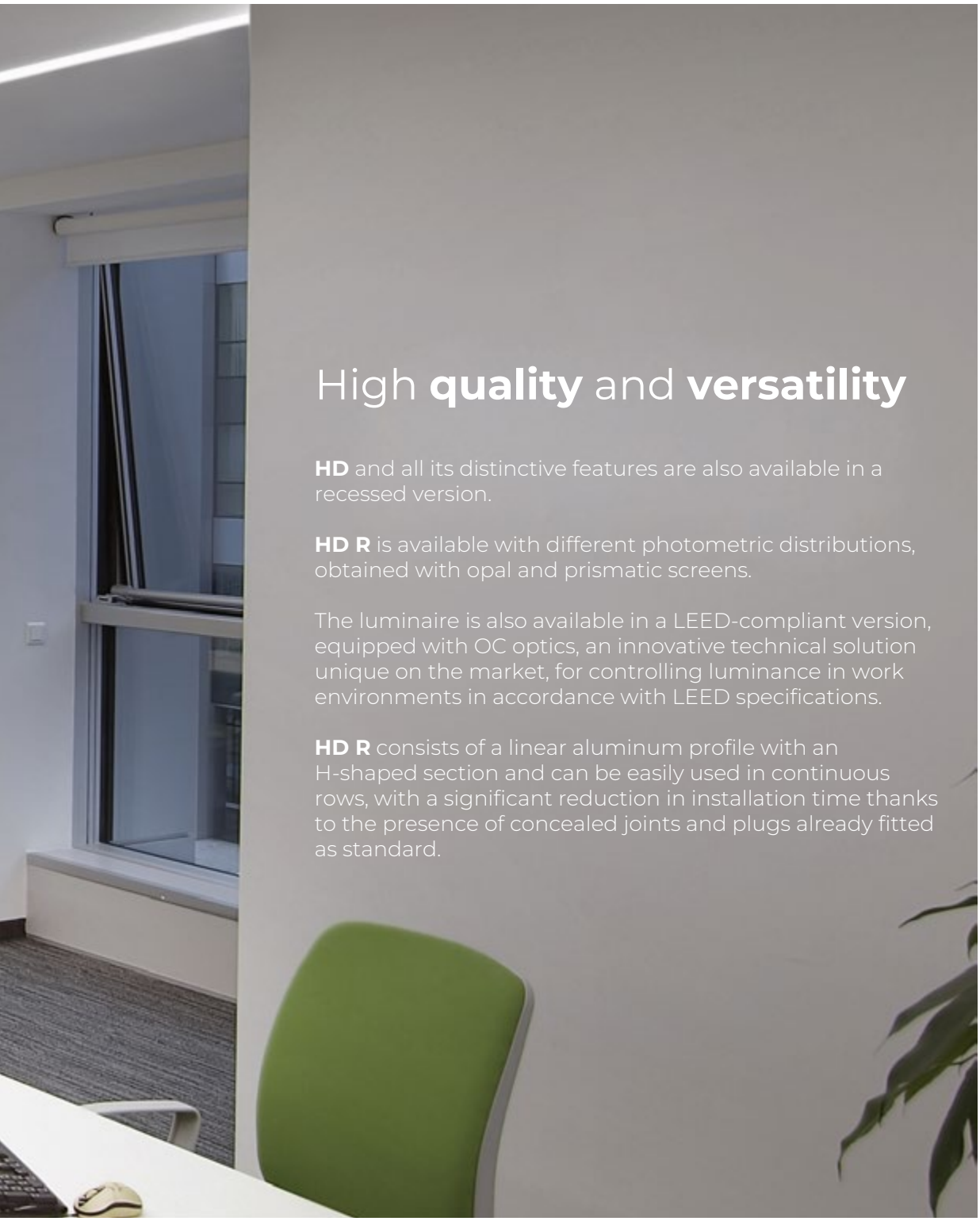


An **ambitious** challenge

The **3F Filippi** system is **LEED** compliant, with a luminance of less than 2500 cd/m² for angles greater than 45°.

The HD performance also complies with EU standard EN 12464-1: the luminance values required in severe applications for angles greater than 65° must be a maximum of 3000 cd/m². The value achieved by OCB optics is 200 cd/m² with a UGR value of <16.





High **quality** and **versatility**

HD and all its distinctive features are also available in a recessed version.

HD R is available with different photometric distributions, obtained with opal and prismatic screens.

The luminaire is also available in a LEED-compliant version, equipped with OC optics, an innovative technical solution unique on the market, for controlling luminance in work environments in accordance with LEED specifications.

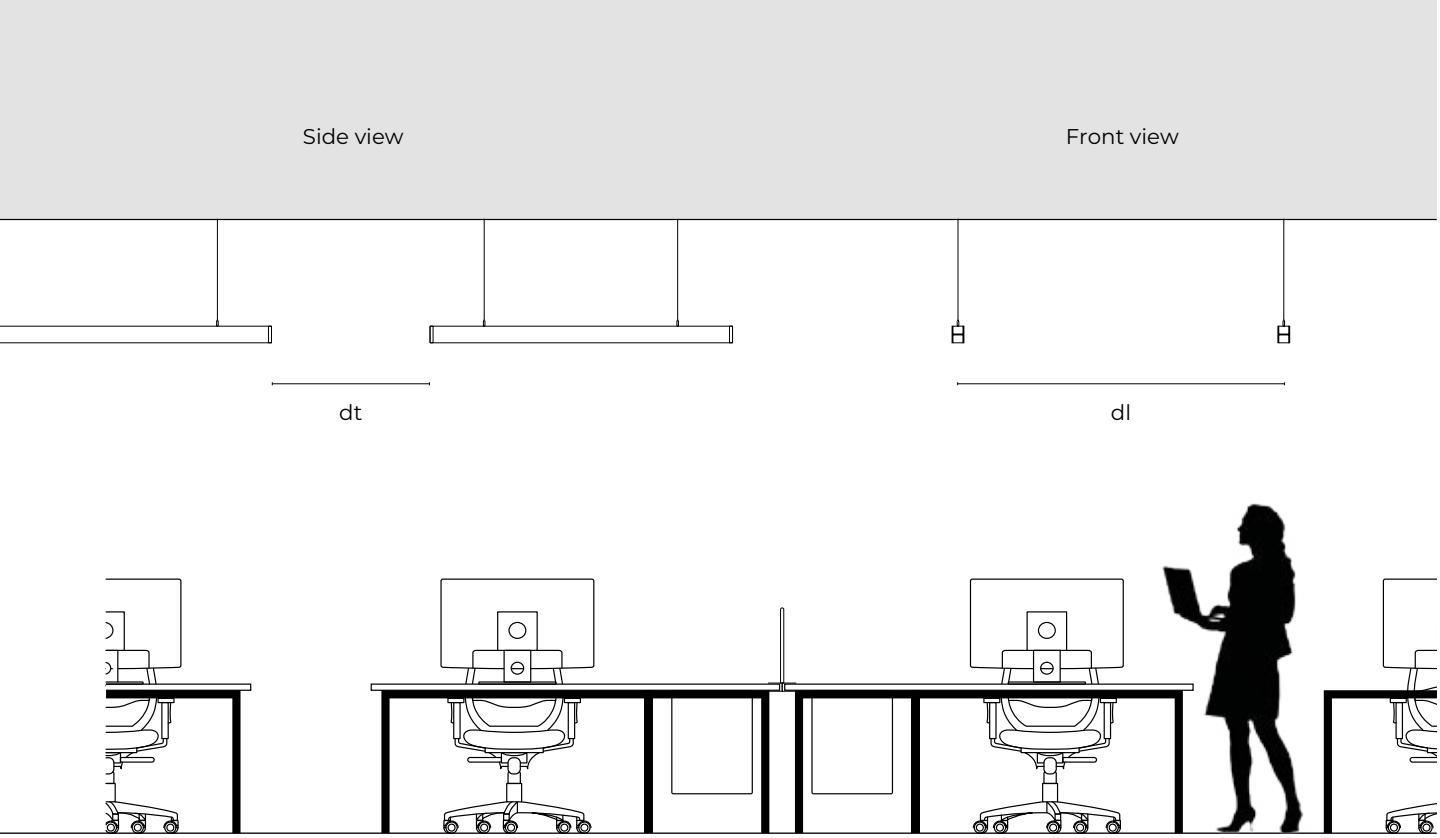
HD R consists of a linear aluminum profile with an H-shaped section and can be easily used in continuous rows, with a significant reduction in installation time thanks to the presence of concealed joints and plugs already fitted as standard.

Ceiling light

Suspension

Range **HD**

	W	lm	LED	Wiring	Installation	Dt x Dl	L x B x H
HD Direct OCW	14,5 - 33	1713 - 4285	/830	DALI	Single Channel	1,32 x 1,00	1214 x 57 x 80 1508 x 57 x 80 2975 x 57 x 80
HD Direct OCB	14,5 - 33	1586 - 3967	/830	DALI	Single Channel	1,34 x 1,00	1214 x 57 x 80 1508 x 57 x 80 2975 x 57 x 80
HD Diretto GSP	14 - 56	1374 - 6428	/840	DALI	Single Channel	1,14 x 1,18	1208 x 57/100 x 80 1498 x 57/100 x 80 2956 x 57/100 x 80
HD Diretto HO GSP	25 - 98	2596 - 11085	/840	DALI	Single Channel	1,14 x 1,18	1208 x 57/100 x 80 1498 x 57/100 x 80 2956 x 57/100 x 80
HD Direct FDP	14 - 56	1292 - 6062	/840 /827 - 865	DALI DT8*	Single Channel	1,16 x 1,18	1208 x 57/100 x 80 1498 x 57/100 x 80 2956 x 57/100 x 80
HD Direct HO FDP	25 - 98	2448 - 10454	/840	DALI	Single Channel	1,16 x 1,18	1208 x 57/100 x 80 1498 x 57/100 x 80 2956 x 57/100 x 80
HD Direct FDO	14 - 56	1250 - 5660	/840	DALI	Single Channel	1,29 x 1,24	1208 x 57/100 x 80 1498 x 57/100 x 80 2956 x 57/100 x 80
HD Direct HO FDO	25 - 98	2286 - 9760	/840	DALI	Single Channel	1,29 x 1,24	1208 x 57/100 x 80 1498 x 57/100 x 80 2956 x 57/100 x 80

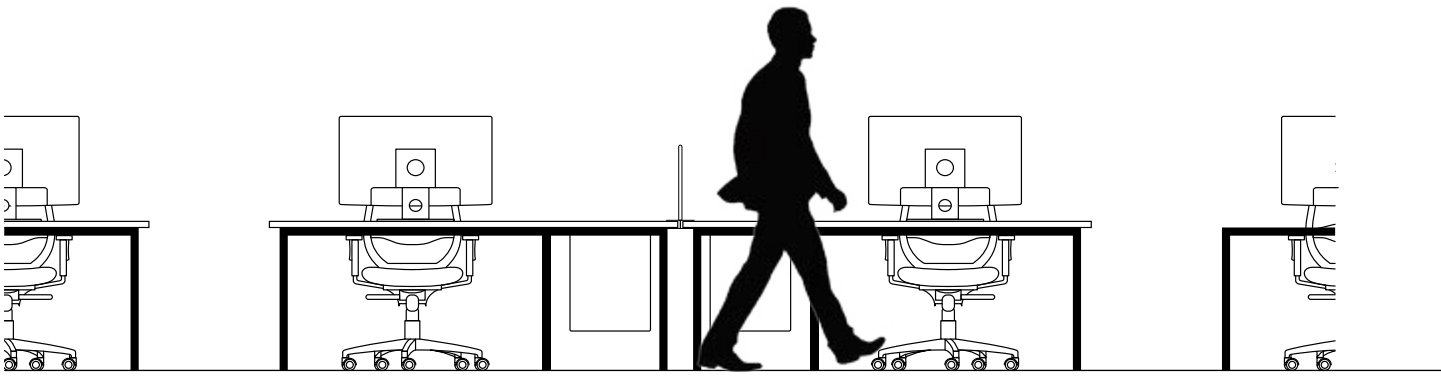


Range

HD

	W	lm	LED	Cablaggio	Installation	Dt x Dl	L x B x H
HD Direct/ Indirect OCW	37 - 90	4312 - 10914	/830	DALI	Single Channel	1,50 x 1,20	1214 x 57 x 80 1508 x 57 x 80 2975 x 57 x 80
HD Direct/ Indirect OCB	37 - 90	4185 - 10596	/830	DALI	Single Channel	1,50 x 1,20	1214 x 57 x 80 1508 x 57 x 80 2975 x 57 x 80
HD Direct/ Indirect GSP	37 - 113	4081 - 13510	/840	DALI	Single Channel	1,45 x 1,25	1208 x 57/100 x 80 1498 x 57/100 x 80 2956 x 57/100 x 80
HD Direct/ Indirect FDP	37 - 113	3999 - 13144	/840	DALI	Single Channel	1,50 x 1,25	1208 x 57/100 x 80 1498 x 57/100 x 80 2956 x 57/100 x 80
HD Direct/ Indirect FDO	37 - 113	3957 - 12742	/840	DALI	Single Channel	1,40 x 1,20	1208 x 57/100 x 80 1498 x 57/100 x 80 2956 x 57/100 x 80

*Tunable White version - only available for “Single” installation



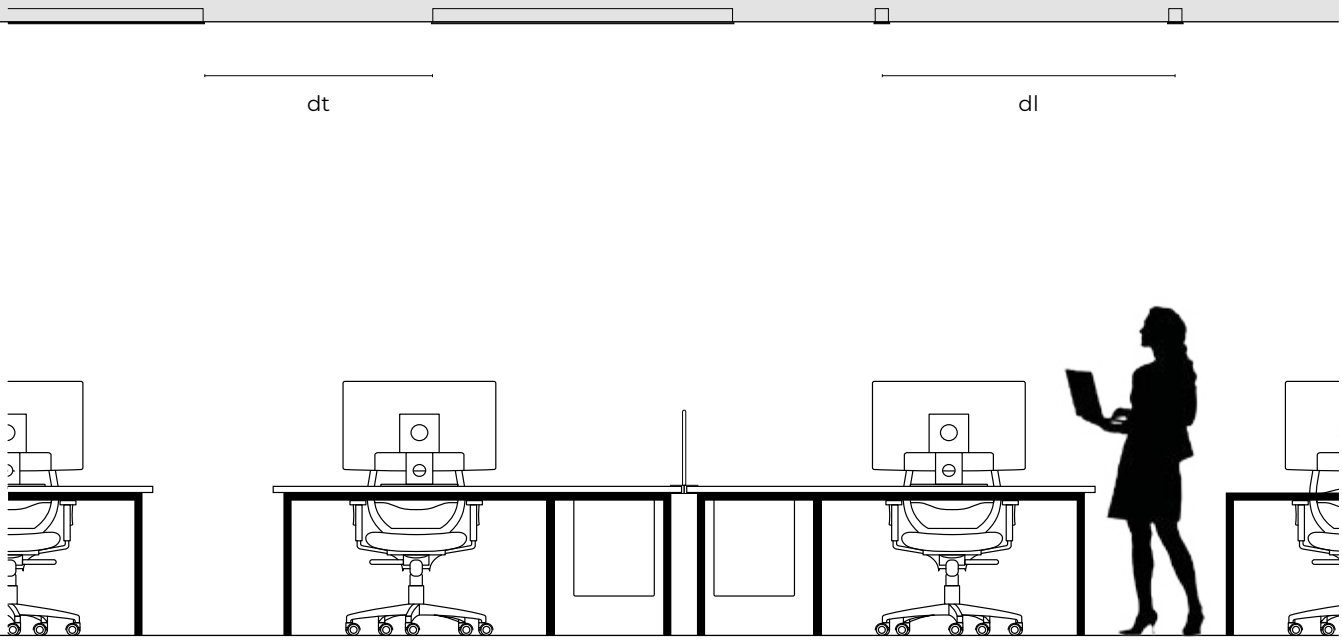
Range

HD R

	W	lm	LED	Wiring	Installation	Dt x Dl	L x B x H
3F HD R OCW Single	14,5 - 33	1713 - 4285	/830	DALI	recessed	1,32 x 1,00	1188 x 67 x 71 1482 x 67 x 71 2949 x 67 x 71
3F HD R GSP Single	14 - 56	1374 - 6428	/840	DALI	recessed	1,14 x 1,18 1,45 x 1,25	1188 x 67/110 x 71 1482 x 67/110 x 71 2949 x 67/110 x 71
3F HD R HO GSP Single	25 - 98	2596 - 11085	/840	DALI	recessed	1,14 x 1,18 1,45 x 1,25	1188 x 67/110 x 71 1482 x 67/110 x 71 2949 x 67/110 x 71
3F HD R FDP Single	14 - 56	1292 - 6062	/840	DALI	recessed	1,16 x 1,18 1,50 x 1,25	1188 x 67/110 x 71 1482 x 67/110 x 71 2949 x 67/110 x 71
3F HD R HO FDP Single	25 - 98	2448 - 10454	/840	DALI	recessed	1,16 x 1,18 1,50 x 1,25	1188 x 67/110 x 71 1482 x 67/110 x 71 2949 x 67/110 x 71
3F HD R FDO Single	14 - 56	1250 - 5660	/840	DALI	recessed	1,29 x 1,24 1,40 x 1,20	1188 x 67/110 x 71 1482 x 67/110 x 71 2949 x 67/110 x 71
3F HD R HO FDO Single	25 - 98	2286 - 9760	/840	DALI	recessed	1,29 x 1,24 1,40 x 1,20	1188 x 67/110 x 71 1482 x 67/110 x 71 2949 x 67/110 x 71

Side view

Front view



Range

HD R

	W	lm	LED	Cablaggio	Installation	Dt x Dl	L x B x H
3F HD R OCW Channel	14,5 - 33	1713 - 4285	/830	DALI	recessed	1,32 x 1,00	1188 x 67 x 71 1482 x 67 x 71 2949 x 67 x 71
3F HD R GSP Channel	14 - 56	1374 - 6428	/840	DALI	recessed	1,14 x 1,18 1,45 x 1,25	1188 x 67/110 x 71 1482 x 67/110 x 71 2949 x 67/110 x 71
3F HD R FDP Channel	14 - 56	1292 - 6062	/840	DALI	recessed	1,16 x 1,18 1,50 x 1,25	1188 x 67/110 x 71 1482 x 67/110 x 71 2949 x 67/110 x 71
3F HD R FDO Channel	14 - 56	1250 - 5660	/840	DALI	recessed	1,29 x 1,24 1,40 x 1,20	1188 x 67/110 x 71 1482 x 67/110 x 71 2949 x 67/110 x 71

Light is an open organism that grows, adapts, and evolves. Always ready to improve. Light that recalls the vitality of natural light, because lighting affects people’s well-being and adds value to the environments they live in.

Inspired by the structural language of construction cranes, **HD Floor** stands out for its minimalist design and iconic construction. The aluminum arm, with a revised and streamlined H-shaped section inspired by suspension, is in perfect balance with the vertical pole, creating a bold **architectural statement** that emphasizes the **lightness** of the structure.

Design by
Park

HD Floor is the perfect synthesis of formal rigor and technological innovation.

The floor lamp is made from a single extruded profile that integrates both direct and indirect light emission. Direct lighting uses asymmetrical OC (Optic Control) optics, designed to optimize visual comfort, reduce glare, and ensure uniform light on the work surface, achieving performance levels that exceed reference standards. The integrated control and dimming systems allow advanced management of light flows, enabling precise adjustments and adaptive scenarios for highly efficient lighting that can be configured according to the needs of the user and the environment.

extruded
aluminum body, 37
mm thick.

body and optics
available in two
color finishes.

available with
soft-touch
light intensity
adjustment.

inspectable wiring cover to facilitate product maintenance.

OC (Optic Control) optical system with asymmetrical beam to optimize the direction of the light flow.

HD Floor is equipped with a touch panel

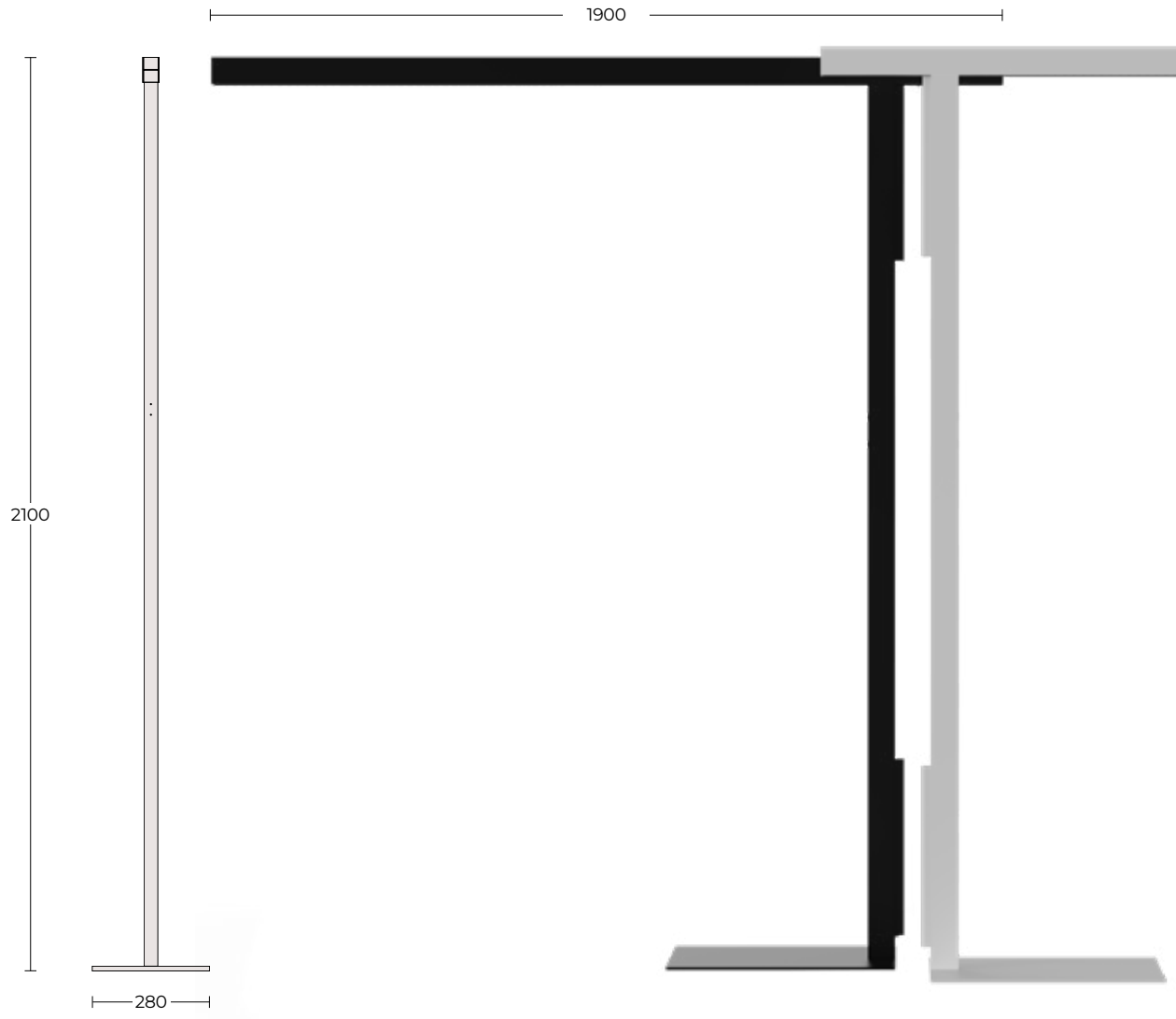
Consisting of two touch buttons that can be used to control both direct and indirect flow.

The product consists of a linear extruded aluminum structure measuring just 37 mm.

The stem, fixed to the base, measures 60x35 mm, allowing it to penetrate the upper element while remaining aligned with the structure.

Dimensions

mm



Finishes

Available in 2 finishes and with 4 color rendering indexes.

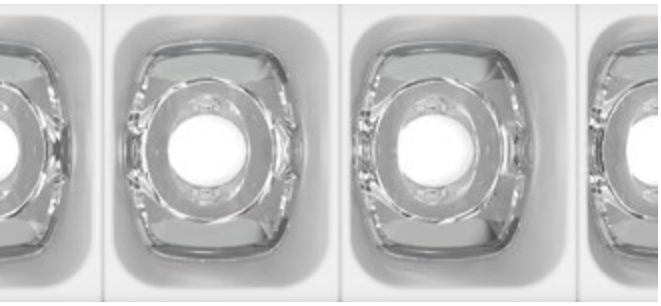
CCT /830 /930 /840 /940

Black

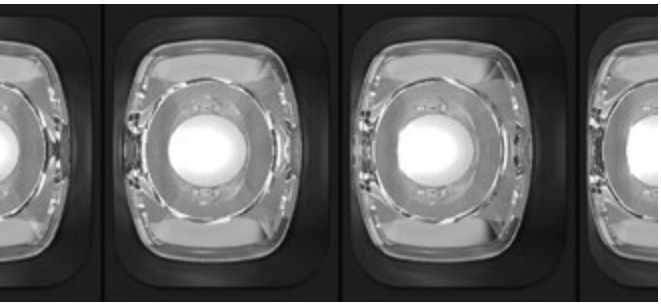
White

OC optics

The optics mounted on the **HD Floor** guarantee an asymmetrical light flow beam. These have been designed to illuminate up to 4 workstations with a single fixture, ensuring high lighting performance.



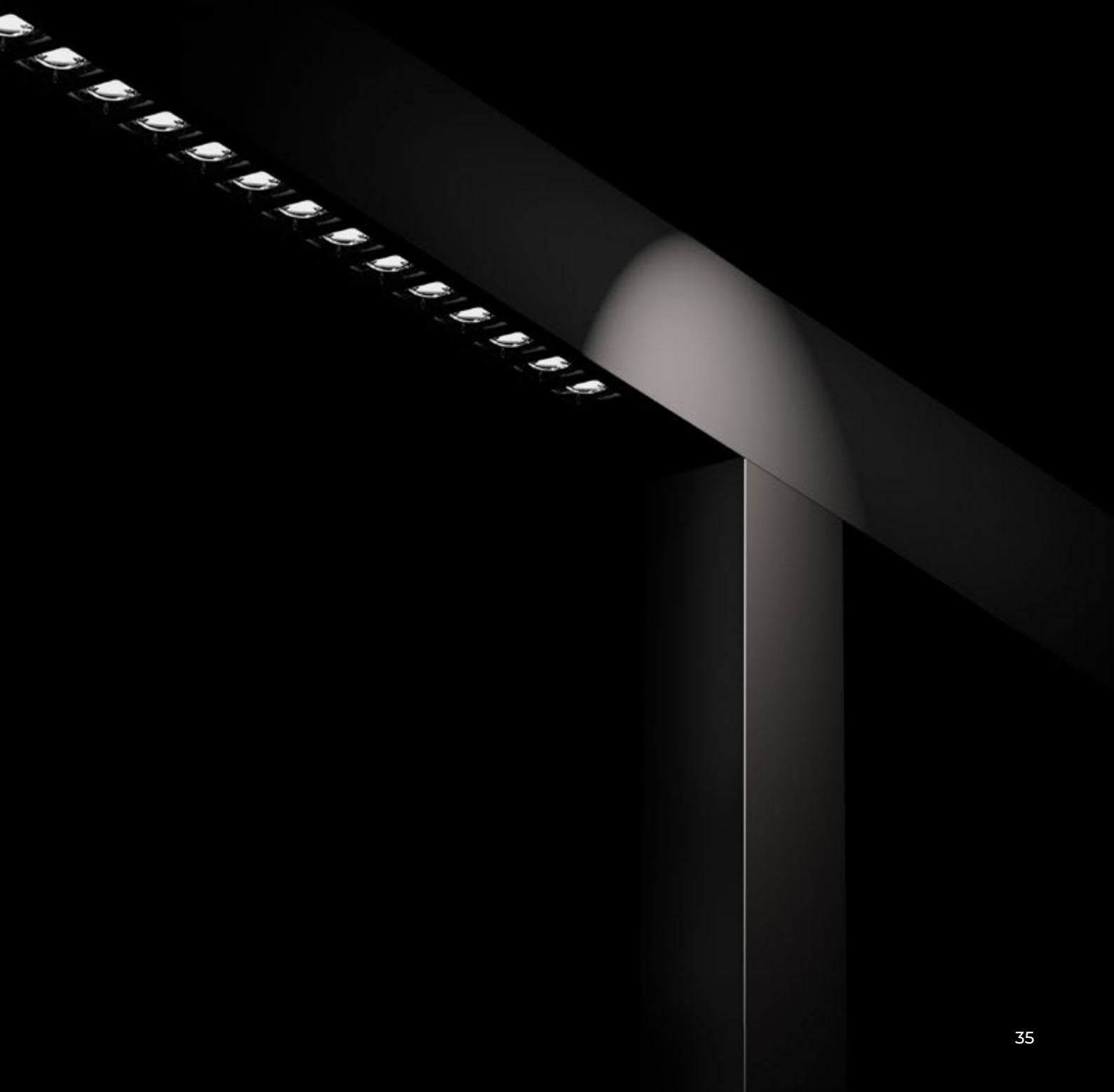
OCW
Optics Control White
LEED certified



OCB
Optics Control Black
LEED certified

HD Floor has two drivers: one for direct lighting and one for indirect lighting.

Both are mounted on the product stem and have an accessible cover, ensuring easy maintenance.



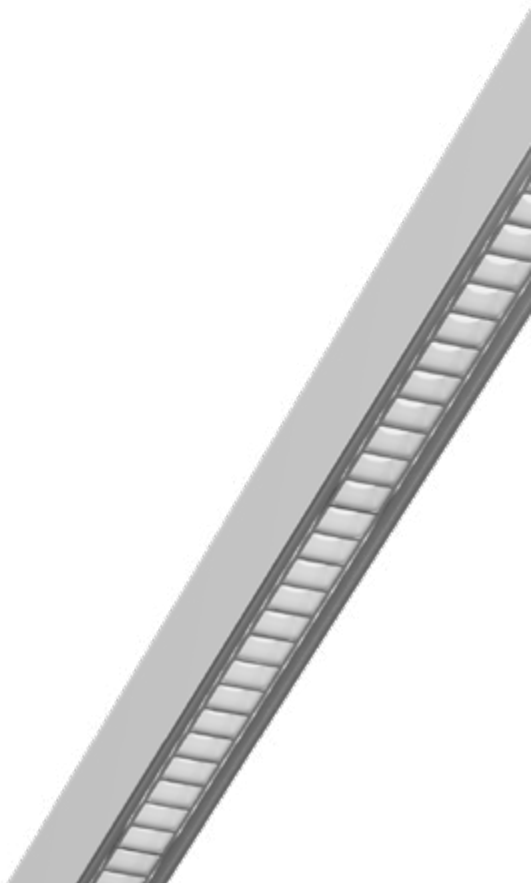
Construction characteristics

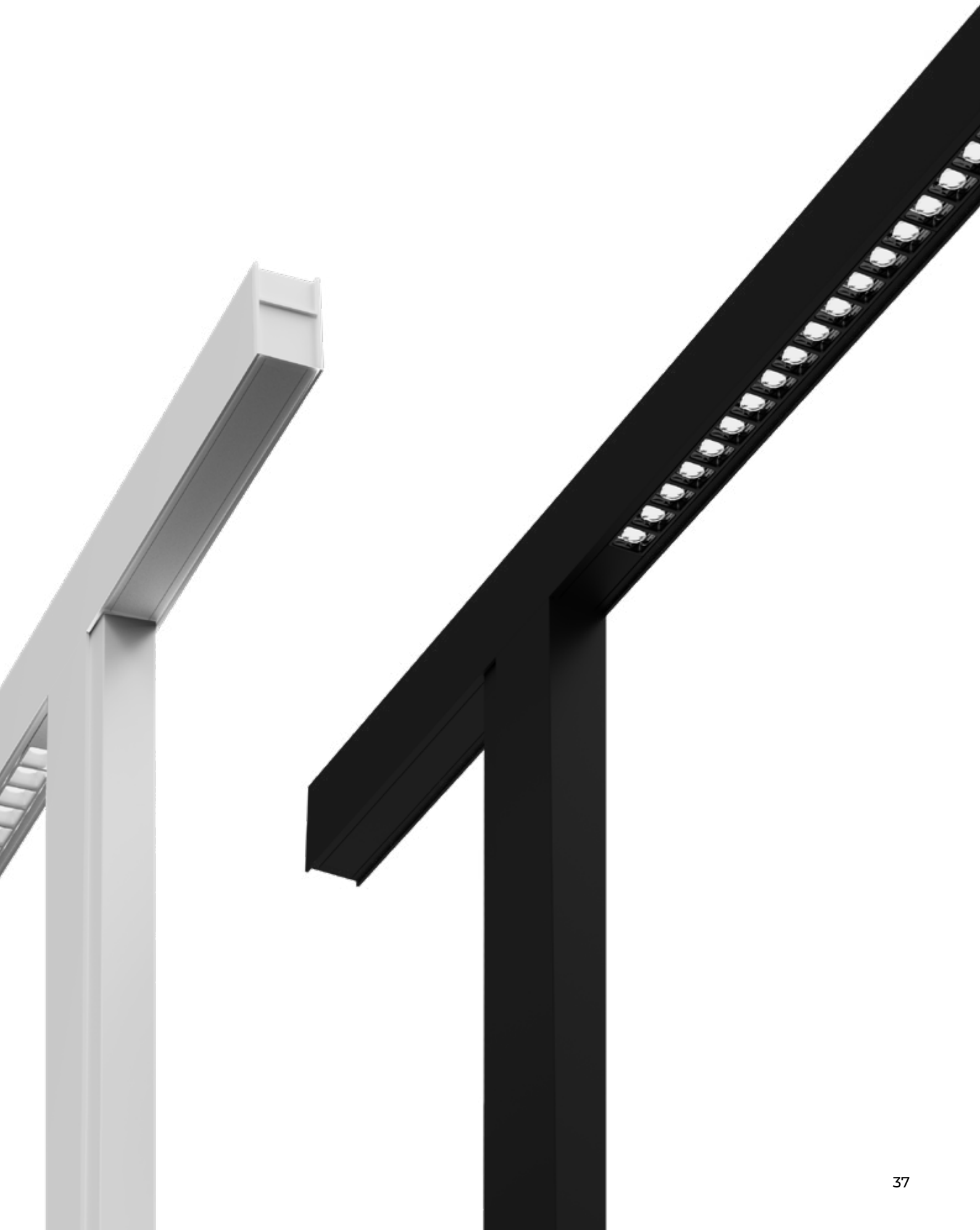
Lighting
- Direct/indirect distribution
- Lifetime (L80/B10): 100000 h. (tq+25°C)
- Average luminance <3000 cd/m² for angles >65° radial.

Mechanical
- Extruded aluminum body.
- Rectangular section steel stem.
- Polycarbonate end caps.
- Asymmetrical beam OC optical system.

Electrical
- CE EN 60598-1.
- DALI touch control

LUMINOUS FLUX (LM)	POWER (W)	EFFICACY (LM/W)	CCT	EMISSION	INSTALLATION	WIRING
5143	20+20	117	/830	Direct/Indirect	Earth	Touch DALI D2D
4529		103	/830			
4436		101	/930			
3965		90	/930			





Michele
Rossi

Park is an interdisciplinary architecture, design, and research studio founded in Milan in 2000 by **Filippo Pagliani** and **Michele Rossi**. It operates in various fields, from architecture to urban planning, landscape design, interior design, and product design, adopting a multidisciplinary approach to innovate the built environment.

Filippo
Pagliani

3F Filippi