

New Products - Lighting





LOOX Profiles: New Additions

The Loox Range of light fittings includes a large selection of recess and surface mounted Loox Linear Profiles on which you can mount the Loox LED Strip Lights. The new advanced range of profiles comes with better designs and sleeker dimensions. The different profiles cater to unique illumination requirements such as in cornered spaces and niches, in angular applications and in upward and downward direction simultaneously.

These profiles come in high-quality trendy finishes of silver and black for top-of-the-line design demands. They virtually blend into your furniture to provide a glare-free light source for all functional and aesthetical purposes.

7106 LOOX Corner Profile





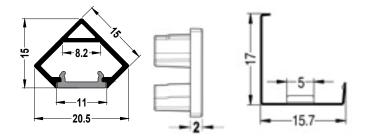




End Cap - Silver

833.01.931 End Cap - Black

833.01.932 Mounting Bracket



Features

- > Sleek Design
- > Unique Corner Mounting Application

Material: Profile: Aluminium. Diffuser: Plastic

Finish/ Colour: Profile: Silver and Black

Diffuser: White Opal

Length × Width: 2500 mm × 20.5 mm

15 mm Height:

Application: In Cove/ Niche Applications,

> Under Overhead Kitchen Cabinets and Inside Wardrobes/ Cabinets

Mounting: Surface Mounted

Diffuser Details: Flat Diffuser with No Protrusion

Easy to Clean

Transmittance 70-80%

> Supplied With: 1 Aluminium Profile

1 Diffuser

Description	Finish	Cat. No.
7106 Corner Profile	Silver	833.16.181
7106 Corner Profile	Black	833.16.180



> Material: Plastic

Finish/ Colour: Silver and Black

> Supplied with: 2 pieces

Mounting Bracket

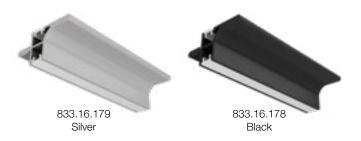
> Material: Stainless Steel > Finish/ Colour: Stainless Steel > Supplied With: 2 pieces

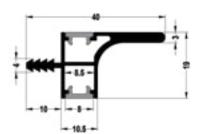
Description	Finish	Cat. No.
End Cap for Corner Profile	Silver	833.01.930
End Cap for Corner Profile	Black	833.01.931
Mounting Bracket for Corner	Stainless	833.01.932
Profile	Steel	633.01.932



7102 LOOX Two-Way Profile

The 3-in-1 Two-way Handle Profile comes with a Gola profile handle that provides a groove for opening shutters and acts as a dual lighting source for both inner cabinet as well as undercabinet area.





Features

> Sleek Design

> 3-in-1 profile: Top and Bottom Illumination with Gola Profile Handle

> Material: Profile: Aluminium, Diffuser: Plastic

> Finish/ Colour: Profile: Silver and Black

Diffuser: White Opal

> Length × Width: 2500 mm × 40 mm

> Height: 19 mm

> Application: Bottom Panel of Overhead Wall

Cabinets in Kitchen and Study Areas

> Mounting: Recess Mounted

> Diffuser Details: Flat Diffuser with No Protrusion

Easy to Clean

Transmittance 70-80%

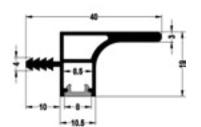
> Supplied With: 1 Aluminium Profile

2 Diffusers

Description	Finish	Cat. No.
7102 Two Way Profile	Silver	833.16.179
7102 Two Way Profile	Black	833.16.178

7103 LOOX One-Way Profile





Features

> Sleek Design

> Bottom Illumination with Gola Profile Handle

> Material: Profile: Aluminium, Diffuser: Plastic

> Finish/ Colour: Profile: Silver and Black

Diffuser: White Opal

> Length × Width: 2500 mm × 40 mm

> Height: 19 mm

> Application: Bottom Panel of Cabinets for Kitchen

and Study Areas

> Mounting: Recess Mounted

> Diffuser Details: Flat Diffuser with No Protrusion

Easy to Clean

Transmittance 70-80%

> Supplied With: 1 Aluminium Profile

1 Diffuser

Description	Finish	Cat. No.
7103 One Way Profile	Silver	833.16.177
7103 One Way Profile	Black	833.16.176

7107 LOOX Surface Angular Profile





> Material: Plastic

> Finish/ Colour: Silver and Black

> Supplied with: 2 pieces

Mounting Bracket

> Material: Stainless Steel > Finish/ Colour: Stainless Steel > Supplied with: 2 pieces

Description	Finish	Cat. No.
End Cap for Surface Angular Profile	Silver	833.01.933
End Cap for Surface Angular Profile	Black	833.01.934
Mounting Bracket for Surface Angular Profile	Stainless Steel	833.01.935







833.01.933 End Cap - Silver

833.01.934 End Cap - Black

833.01.935 Mounting Bracket

Features

> Asymmetric Light Throw

> Glare-free Light Effect, Ideal for Vertical Installation in Wardrobes

> Material: Profile: Aluminium, Diffuser: Plastic

> Finish/ Colour: Profile: Silver and Black

Diffuser: White Opal

> Length × Width: 2500 mm × 21 mm

> Height: 11 mm

> Application: Under Overhead Cabinets in Kitchens,

Wardrobe Shelves and Wardrobe Side

Panels

Mounting: Surface Mounted

> Diffuser Details: Flat Diffuser with No Protrusion

Easy to Clean

Transmittance 70-80%

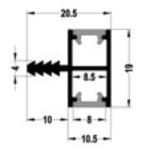
> Supplied With: 1 Aluminium Profile

1 Diffuser

Description	Finish	Cat. No.
7107 Surface Angular Profile	Silver	833.16.173
7107 Surface Angular Profile	Black	833.16.172

7104 LOOX Two-Way Shelf Profile





Features

- > Innovative concept of two-way shelf profile design for dual illumination
- > Two way illumination from top and bottom catering to two areas simultaneously

> Material: Profile: Aluminium, Diffuser: Plastic

> Finish/ Colour: Profile: Silver and Black

Diffuser: White Opal

> Length \times Width: 2500 mm \times 20.5 mm

> Height: 19 mm

> Application: Wardrobes, Kitchen Cabinets,

Bookshelves and TV Units

> Mounting: Recess Mounted

> Diffuser Details: Flat Diffuser with No Protrusion

Easy to Clean

Transmittance 70-80%

> Supplied With: 1 Aluminium Profile

2 Diffusers

Description	Finish	Cat. No.
7104 Two-way Shelf Profile	Silver	833.16.175
7104 Two-way Shelf Profile	Black	833.16.174



7105 LOOX Circular Wardrobe Rail

The Circular Wardrobe Rail possesses a 2-in-1 functionality acting as a wardrobe rail and lighting source and comes with a built-in anti-skid feature that prevents noisy sliding and slipping of hangers.



833.16.171 Silver



833.16.170 Black



833.01.938 Centre Support Silver



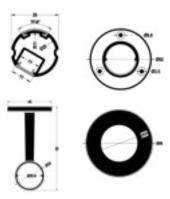
833.01.939 Centre Support Black



833.01.940 End Cap and Cover - Silver



833.01.941 End Cap and Cover - Black



Features

- > Slim circular design
- > Anti-skid feature provides better grip for hangers and makes silent operation possible
- > Angular throw for glare free light effect

> Material: Profile: Aluminium, Diffuser: Plastic

> Finish/ Colour: Profile: Silver and Black

Diffuser: White Opal

> Length × Diameter: 2500 mm × 25 mm

> Application: Wardrobe

> Mounting: Surface Mounted

> Diffuser Details: Flat Diffuser with No Protrusion

Easy to Clean

Transmittance 70-80%

> Supplied With: 1 Aluminium Profile

1 Diffuser

Description	Finish	Cat. No.
7105 Circular Wardrobe Rail	Silver	833.16.171
7105 Circular Wardrobe Rail	Black	833.16.170

Centre Support

> Material: Plastic

> Finish/ Colour: Silver and Black

> Supplied With: 1 piece

End Cap and Cover

> Material: Plastic

> Finish/ Colour: Silver and Black

> Supplied With: 1 piece

Description	Finish	Cat. No.
Centre Support for Circular	Silver	833.01.938
Wardrobe Rail	Black	833.01.939
End Cap for Circular Wardrobe	Silver	833.01.940
Rail with End Cap Cover	Black	833.01.941

 $^{^{\}star}$ To install Circular Wardrobe Rail, you need to order 2 pieces of End Cap with Cover, i.e. article no. 833.01.940/ 833.01.941

15° Linear Lens



15° Linear Lens Profile



Aluminium Profile

15° Linear Lens Pair of End Caps with Screws*

*The pair includes one end cap with a slot to route electrical wires through it. This end cap can be installed on either sides based on the electrical wiring and position of the power supply.

With Häfele's 15° Linear Lens, your surroundings have never looked brighter!

The commitment to continuous innovation and technological advancement has led to the birth of Häfele's linear lens technology which provides a revolutionized approach towards both functional and accent lighting alike in any area where enhanced illumination is desired.

Made in Germany in compliance with Häfele standards, the new 15° Linear Lens helps achieve brighter lighting over larger distances. The narrower angle of the lens makes it possible for the light to have a higher intensity and a better reach with minimum scatter loss. This makes it perfect for high ceiling applications in homes and other large spaces like shopping malls, airport terminals and offices. Dramatic light and shadow effects with wall and curtain grazing can be achieved in order to add depth to your surroundings be it accentuating the texture of a stone or brick wall in a particular area of the house or attaining selective focus on valuable artifacts and paintings in homes, museums or galleries the possibilities are endless.

The 15° Linear Lens can be easily controlled via the Häfele Mesh Connect Box through the smartphone application or with the Loox Range of Switches. Quick assembly, easy configuration and straight forward operation make this lens a must have product for your interiors.

> Material: PMMA* (Lens), Aluminium (Profile)

> Mounting: Surface

> Häfele in house assortment: 15° linear lens is manufactured in

Germany adhering to certified

Häfele standards

- > Fully compatible with the Häfele Loox5 Lighting System. Can be used with Loox5 5 mm and 8 mm LED strip lights
- > Operated via the Häfele Connect Mesh through the smartphone application or switches from the Loox Range
- > Quick assembly, easy configuration and straight forward operation
- * Polymethyl Methacrylate

45011	
15° Linear Lens Kit 833.7	72.959

Consisting of:

Consisting of:

1 x 15° Linear Lens, 2000 (L) x 21(W) x 12 (H) mm

1 x Profile for Linear Lens, 2000 (L) x 17.8 (W) x 9 (H) mm

·	Cat. No.
2 x End caps , 20.8 (W) x 17.5 (H) mm	833.01.942

15° Linear Lens is...

- > Brighter over a distance: Increase in illuminance (in Ix) compared to standard diffuser based profile lights which means that the 15° Linear Lens amplifies the light and owing to the narrow beam angle, guides it towards the desired area of focus with minimal scatter loss
- > Versatile: Can be used in wall/curtain grazing and accent lighting applications in different residential and commercial areas



HAFELE



Innovation is what Häfele Linear Lens 15° is all about



Product Innovation: While diffuser based profile light is used for homogeneous lighting, lens-based profile lighting is better for applications that need brighter light intensity at a larger distance. The lens attacks the light directly above the LED chip which helps augment the overall light output. The smaller angle of 15° Linear Lens provides a narrow light beam that travels more distance with minimal loss, compared to other conventional diffuser-based profile lights commonly available in the market.



Craft Innovation: The lens is specifically tailored to wall and curtain grazing applications. Although it functions differently as compared to a conventional profile light, it can be assembled and installed just as easily, due to its plug and play system ensuring error-free operations.



Light Innovation: The products currently available in the market for ceiling lighting are not conducive to installations over larger lengths due to complexities in their construction and installation. Häfele's 15° Linear Lens with a length of 2000 mm makes continuous installation across the lengths of entire rooms not only possible but also simple.

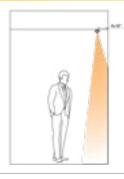


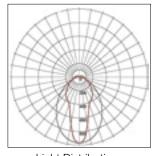
System Innovation: The 15° Linear Lens works flawlessly with the Loox5 Strip Lights. The control takes place either via the Loox Switch Range or via the latest Häfele Connect Mesh System.

Application

The linear lens has a beam angle of 15° causing the light intensity to be higher even at a farther distance.

Surface mounting; ideal for wall and curtain grazing applications in residential spaces, retail shopping areas, airport terminals, commercial spaces, hotels and banquet halls, museums and galleries.



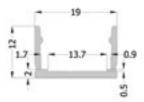


Light Distribution



Linear Lens

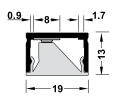


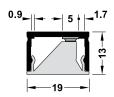




Profile: Cross Section

Linear Lens: Cross Section





With 8 mm Strip Light

With 5 mm Strip Light





With Häfele's Linear Lens, experience brilliance like never! The well thought out, patented lighting solution helps provide enhanced illumination in the targeted area and is ideal for kitchen worktops and for cupboard or shelf lighting applications. It can also function as wall washers in living areas.

While the Häfele Loox5 Range of Profiles and Strip Lights provide flawless accents that create a welcoming ambience, the new, made in Germany, linear lens presents a compelling take on task lighting. Its asymmetrical form bundles the light from the LED strip and directs it into a limiting angle which helps double its brightness in the desired focus area. Crafted exclusively to aid integration of lighting into furniture construction, the linear lens diffuses almost the entire light output onto the work area, with the slightest scatter loss and an extremely diminished glare effect.

The lens achieves the following improvement over a traditional profile light without a focusing lens

- > Brighter: Increase in illuminance (in lx) by 100% which means that the Linear Lens amplifies the light and, optimally distributes and guides it in the desired focused area.
- > Glare-free: Directed light distribution reduces glare by 85% in undesirable areas.

> Material: PMMA* (Lens), Aluminium (Profile)

> Mounting: Recessed

- > Protected Häfele in-house assortment, made in Germany with certified Häfele standards
- > Fully compatible with the Häfele Loox5 Lighting System
- > Can be used with the standard 5 mm and 8 mm strip lights
- > Can be controlled via the BLE Mesh (to be launched) with the smartphone APP or Loox Range of Switches
- > Quick assembly, easy configuration and straight forward operation

*Polymethyl Methacrylate (Acrylic)

Description	Dimension (LxDxH)	Cat. No.
Linear Lens	2500 x 19 x 10 mm	833.89.300
Profile for Linear Lens	2500 x 19 x 12 mm	833.01.870
End Caps	19 x 13 x 4 mm	833.01.764



Innovation. That's what the Hafele linear lens stands for



Product innovation

The lens attacks the light directly above the LED chip which helps augment the overall light output. It also functions as a cover for the Linear Lens Aluminum Profile.



Light innovation

Currently, there exists no linear lens technology developed and optimised for the needs of furniture lighting. Häfele together with the renowned lighting technology institute, Bartenbach GmbH from Austria, has designed this lens with an objective of achieving targeted light diffusion over work surfaces.



Craft Innovation

The lens is specifically tailored to the needs of the furniture installers. Although it functions differently as compared to a conventional profile light, it can be assembled and installed just as easily, ensuring error free operations.



Furniture Innovation

The development of this lens, makes light a fundamental extension to the way furniture is perceived. Almost the entire light output, with only the slightest scatter loss, is well distributed onto the work area.

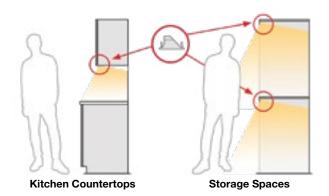


System Innovation

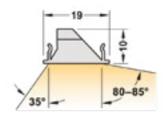
The Linear Lens works flawlessly with the Loox5 Strip Lights. The control takes place either via the Loox Switch Range or via the latest Häfele Connect System BLE mesh technology (to be launched).

Application

Recessed mounting; ideal for kitchen worktops and for cupboard or shelf lighting applications. Can also function as wall washers and curtain grazers in living areas.



The linear lens has a beam angle of approximately 120° in cross section (-35° to +85°). It provides 80-85° illumination in the functional area.

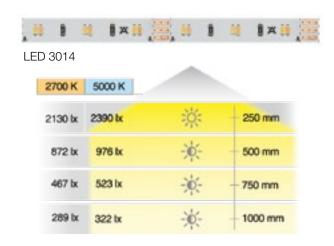


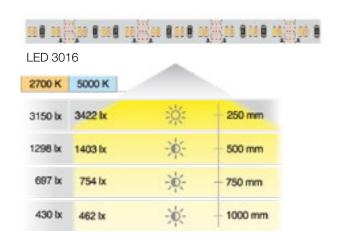


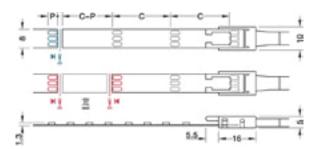
Linear lens won the prestigious Interzum 2021 Award for "Product Innovation". It is yet another testament of Häfele's innovative strength and innate understanding of its customer's basic needs.

Multi-White Strip Lights

LOOX5 LED 3014 / 3016







- The LED strip light is cut to length i.e. one contact side remains on the remainder piece so that it can be used elsewhere
- Two LED strip lights can be connected via their contact sides with the help of different connectors from Häfele's Range*

C = section length;

P = contact surface length

*For more details about connectors compatible with multi-white strip lights, please refer to Häfele's Loox catalogue

There was a time when daily human habits exclusively relied on nature. The position of the sun in the sky and the amount of sunlight was the determining factor for eating, working and sleeping cycles. As time passed, we began to spend more time indoors and gained flexibility as well as complete control over our routines. But this brought with it erratic sleeping and waking patterns. Over time, exposure to artificial light sources throughout the duration of the day caused an array of physical and cognitive ailments.

To help recreate the natural light pattern and get you functioning at your most optimal level while enjoying the comfort and convenience of the indoors, Häfele brings to you Multi-White Strip Lights. These strip lights in combination with the Häfele Connect Mesh System enable you to replicate light cycles in nature by selecting the required colour temperature between 2700 Kelvin (warm white light) and 5000 Kelvin (cool white light). With the multi-white lights, bright and invigorating cool light can illuminate the work surface in the morning; in the afternoon the colour can be adjusted to natural white and in the evening, it can be dimmed to a warm white for a relaxing ambience.

Equipped with a higher wattage and compatibility with Loox5 24 V drivers, these lights provide more luminous output over larger lengths. Furthermore, they give you the freedom of customization as you can cut them as per your convenient size and requirement.

Features

- > Higher lumen due to Loox5 24V driver system which delivers light with minimal loss over a longer distance
- > Easily controlled via Häfele Connect Mesh through the smartphone application or remote which helps achieve Human Centric Lighting
- > Seamless colour change from warm to cool white and vice
- > Dimmable function to change the light intensity as desired

> Dimmable: Yes > Finish/colour: White > Length: 5000 mm > Width: 8 mm > Height: 1.3 mm > Lifetime L80/B10: > 30,000 hours

> Energy efficiency class: A+ > Degree of protection: IP20

> Mounting: Self adhesive









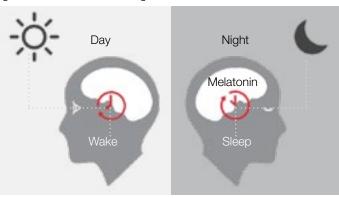




Human Centric Lighting

What Is Human Centric Lighting?

Naturally, our body is supposed to have a rhythm that guides our alertness, sleeping, and eating pattern, this is known as circadian rhythm. Light is the most important factor that helps align this internal clock with the natural cycle of the world. The intensity, timing, duration, and temperature of light we are exposed to has a significant effect on our biological clock.



Staying indoors with more exposure to artificial lighting can disrupt this rhythm and can result in health concerns such as obesity, cardiovascular issues and neurological problems like sleep disorders.

What is the solution?

To avoid the problems that arise from the constant exposure to artificial light, human centric lighting is introduced where natural light is recreated indoors. This essentially means we can control a light source's correlated colour temperature (CCT)* output which determines the colour of light.

This ranges from warm white (< 3000K) to natural white (4000K – 5000K) to cool white (> 5000 K).



- > Warm white light is ideal for all areas of the house, especially for areas where you relax i.e. living areas and bedrooms. It can also be used to create a pleasant ambience in restaurants or a cozy atmosphere in the hall/ dining room during a gathering or party.
- > Natural white light imitates sun/ daylight and is the purest white light. It can be used anywhere in home based on your functional and aesthetic needs.
- > Cool white light is sharp and is used in areas where you need bright lighting like bathrooms and kitchens or in work spaces where you need detail focused light.

With Human Centric Lighting, you can change the light setting as and when you want and the way you desire. With Häfele's Multiwhite Strip Lights, you can help your body function at its best during the day with natural/ cool white light and then start winding down in preparation for sleep at night with warm white light. This entire adjustment and set-up can be easily done with the help of the new Häfele Connect Mesh System through the mobile application.

Benefits

Human Centric Lighting can be achieved in your homes when Häfele's Multi-white Strip Lights are used along with the Häfele Connect Mesh System. Exposure to the right type of light for proper durations has positive effects on your mind and body, namely:



Better and deeper sleep as the body is exposed to warm light while relaxing and cool light during work



Increased productivity and focus due to proper rest and use of cool light during work



Improved metabolism, overall body health and decreased risk of cardio-vascular problems



Longer lasting energy owing to healthier wake-sleep patterns

The different shades of white light made available because of multi-white strip lights also help in conjuring up new designs and lighting patterns that befit your vision.

Applications

Human Centric Lighting finds applications in various areas such as:

- > Residential spaces
- > Hotels and service apartments
- > Healthcare facilities
- > Classrooms
- > Offices and work spaces

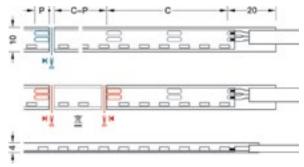
* CCT (Correlated Color Temperature) refers to the colour temperature of light, measured in degrees Kelvin (K) in correlation with what white light will look like to humans

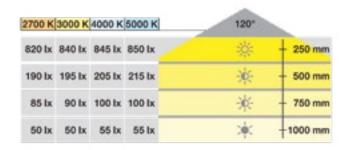
Voltage	Quantity LEDs/m	Wattage per metre	Colour tempera- ture	Lumi- nous flux per metre	Luminous efficacy			rendering		Weighted energy consump- tion	Section length C	Contact surface Length P	Cat. No.
V		w	K	lm/m	lm/W	R	R _o	kWh/ 1000 h	mm	mm			
	Häfele Loox	LED 3014											
	2× 60	9.6	2700 5000	866 950	88 96	90	>50	5.28	50	4	833.72.270		
5 24 V	Häfele Loox LED 3016												
	2× 120	14.4	2700 5000	1296 1409	91 97	90	>50	10.56	25	3.5	833.77.280		

Led Strip Lights

LOOX5 Side Emitting Strip Lights







Häfele's Loox5 Lighting System has always made it a priority to bring to you, solutions that are efficient, elegant, minimalist and easy to use. An embodiment of all these features, the new Side Emitting Silicone LED Strip Light from this range bestows you with illumination like never before.

With a twist on the existing strip lights, these strips emit light from their sides, thus providing the finest line of lighting in your furniture for flawless accents and highlights. Owing to this unique feature and its thickness of 4 mm, their integration into your furniture takes the least amount of space and causes no major changes in the surface of the panel.

The new Side Emitting Silicone LED Strip Lights also introduce you to possibilities of creating design patterns like circles and waves, due to their tremendous bending capacity of up to a radius of 30 mm. They can be easily connected with Hafele's Loox Driver and come with an IP 44 protection that makes it suitable for application in wet areas like bathroom and vanity, thereby unlocking new spaces for you to explore!

Technical Specifications

Material: SiliconeSilicone Tube Finish: Matt

> Areas of Application: Storage spaces, display

cabinets and round corners

Dimmable: Yes
Silicone Tube Width: 10 mm
Silicone Tube Thickness: 4 mm
Silicone Tube Length: 3000 mm
Section Length (C): 50 mm
Contact Surface Length (P): 6 mm
Number Of LEDs/m: 120

> Life Time L80/ B10: >50,000 hours

Colour Rendering Index Ra: 90Colour Rendering Index R9: >50

Weighted Energy 10.56 kWh/1000 h

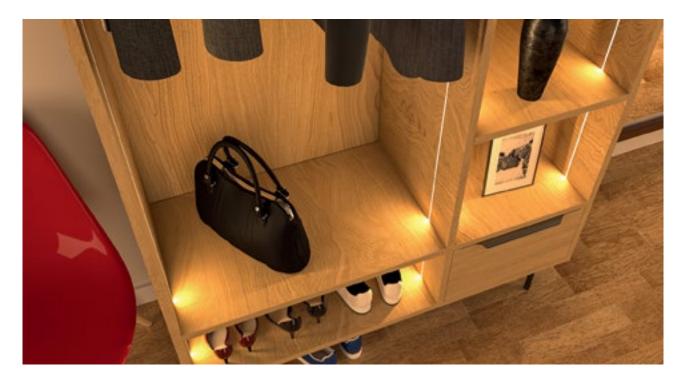
Consumption Per Metre:

Installation Type: Recessed
 Routing Depth For Installation: 10 mm
 Routing Width For Installation: 4 mm
 Min. Bending Radius: 30 mm

Light Colour	Wattage (W/m)	Length (mm)	Luminous Flux/ m (lm)	Luminous Efficacy (Im/W)	Cat. No.
Warm White, 2700K	9.6	3000	500	52	833.75.260
Warm White, 3000K	9.6	3000	520	54	833.75.261
Natural White, 4000K	9.6	3000	540	56	833.75.262
Cool White, 5000K	9.6	3000	540	56	833.75.263

Note

- 1. The Loox5 Silicone LED Strip Lights article numbers consist of 1 LED strip light and 2 x 0.2 m lead 3.5 A/20 AWG (1 each on the left/right of the strip)
- 2. Loox drivers and EU plugs are required to connect these strip lights and need to be ordered separately





Light Emission From The Narrow Side:

The Loox 5 Silicone LED Strip Lights emit light through their thickness, i.e. 4 mm, thus allowing you to install them with the side thickness facing outwards. The result is a slim groove in your furniture and a homogeneous illumination in the targeted areas.



Easy Assembly: The Loox5 Side Emitting Strip Lights come encased in silicone sleeves and can be installed directly into the furniture without the need of external aluminium profiles or diffusers.



IP44 Rating: Certified with an IP 44 rating, these Strip Lights can be installed in wet spaces like bathroom and vanity areas due to their dust and water resistant* properties.



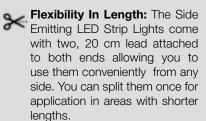
Ultra Compact LED Strip Light:

Having the smallest dimensions of 4 (thickness) x 10 (width) mm, the compact side emitting strip lights fit into any furniture cabinet or display shelves without causing any interruption or change to the structure or construction of the panel.



Design Shapes Possible: Due to the fundamental pliancy and bending capacity of the new Silicone LED Strip Lights (up to min

30 mm radius), it is now possible to explore and implement wavy and circular designs without the fear of damaging the internal circuits or LEDs.



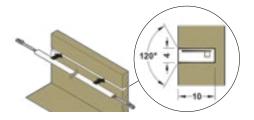
With the help of the attached lead on the other end, it is also possible to use the remaining part of the cut strip light in another location reducing wastage and increasing efficiency.

* IP44 rating means protection against solid objects that are bigger than 1 mm and water splashing from all directions

Installation



Measure the strip light length you require. If you do not need the entire strip light, cut it along the markings of the scissor icon.



Insert the strip light into the groove of the panel and connect the lead to the driver. The unconnected lead on the other side can be folded and tucked away.

LED Strip Lights

Monochrome, 8 mm

Häfele Loox5 LED 3075; Standard



LED 3075

Illuminance value lx applies to 1 m strip length:

2700 K 3000 K 4000 K 5000 K	120°
3135 lx 3305 lx 3400 lx 3400 lx	- 250 mm
1295 lx 1365 lx 1400 lx 1400 lx	- 500 mm
695 lx 735 lx 750 lx 750 lx	→ 750 mm
425 lx 450 lx 460 lx 460 lx	

LED 3075

Dimmable: Yes Material: Plastic Finish/Colour: White Width: 8 mm 1.3 mm Height: Life Time L80/B10: >30,000 h Length Contact Surface P: 3.9 mm Energy Efficiency Class: A+ Degree of Protection: IP20 Installation: Self-adhesive



Maximum strip length (visual) describes a strip section with a visually imperceptible drop in luminous flux of max. 30 %. Please note: A strip section with a new power supply that follows immediately is noticeably brighter.

Please calculate max. strip light length on driver in accordance with power output: Length = power output of one driver socket/ output per metre.

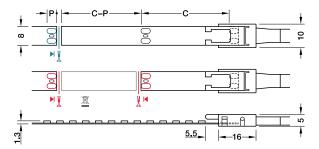
Supplied With: 1 roll



Order reference

Please order lead separately.

Aluminium profile is recommended from 9.6 W/m.



LED strip light cut (one contact side remains with the offcut; can be re-used)

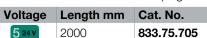
LED strip light connection (two contact sides required)

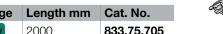
C = cut length

P = contact surface length



> 5 A/18 AWG lead for LED strip light 8 mm







> 5 A clip connector for 8 mm LED strip light

	Cat. No.
Clip connector	833.89.206



> 5 A/18 AWG interconnecting lead for 8 mm LED strip light

Length mm	Cat. No.
500	833.89.192

> Corner connector, 90° rigid, 5 A for left or right for 8 mm LED strip light

	Cat. No.
Corner connector rigid	833.89.187

Voltage	Number of LEDs/m	J 3 .	temper-	Lumi- nous flux per metre	Lumi- nous effi- ciency	Colour ren- dering index	Weighted energy con- sumption kWh/	Cut length C	Max. strip length (visual)	Len	gth
V		W	K	lm/m	lm/W	R	1000 h	mm	m	5 m	50 m
Häfele L	oox5 LEC	3075									
			2700	1430	99	90	15.84	50	4.5	833.75.200	833.75.204
5 24 V	140	14.4	3000	1500	104	90	15.84	50	4.5	833.75.201	833.75.205
5 244	140	14.4	4000	1550	108	90	15.84	50	4.5	833.75.202	833.75.206
			5000	1570	109	90	15.84	50	4.5	833.75.203	833.75.207











LED Strip Lights

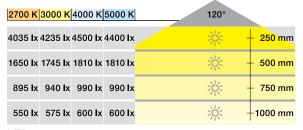
Monochrome, 8 mm

Häfele Loox5 LED 3076, Narrow, 8 mm



LED 3076

Illuminance value lx applies to 1 m strip length:



LED 3076

Note

The Häfele Loox5 LED 3076 LED strip light requires cooling through an aluminum profile with a cross-section > 45 mm².

Suitable profiles are e.g. Loox5 1105 and 1106 profiles for recess mounting and Loox5 2103 and 2104 profiles for under mounting.

Dimmable: Yes Material: Plastic Finish/Colour: White 8 mm Width: Height: 1.3 mm Life Time L80/B10: >30,000 h Length Contact Surface P: 4 mm Energy efficiency class: A+

Installation: Self-adhesive



Maximum strip length (visual) describes a strip section with a visually imperceptible drop in luminous flux of max. 30 %. Please note: A strip section with a new power supply that follows immediately is noticeably brighter.

IP20

Please calculate max. strip light length on driver in accordance with power output: Length = power output of one driver socket / output per metre.

Supplied with: 1 roll

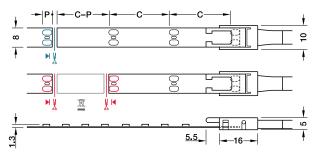


Order reference

> Degree of protection:

Please order lead separately.

Aluminium profile is recommended from 9.6 W/m.



LED strip light cut

(one contact side remains with the offcut;

can be re-used)

LED strip light connection (two contact sides required)

C = cut length

P = contact surface length



> 5 A/18 AWG lead for LED strip light 8 mm

Voltage	Length mm	Cat. No.
5 24 V	2000	833.75.705

> 5 A clip connector for 8 mm LED strip light

	Cat. No.
Clip connector	833.89.206



> 5 A/18 AWG interconnecting lead for 8 mm LED strip light

Length mm	Cat. No.
500	833.89.192

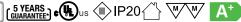


> Corner connector, 90° rigid, 5 A for left or right for 8 mm LED strip light

	Cat. No.
Corner connector rigid	833.89.187

Voltage	Number of LEDs/m	Wattage per metre	Colour tem- pera- ture	Lumi- nous flux per metre	Lumi- nous efficien- cy	Colour rendering index	Weighted energy consump- tion kWh/	Cut length C	Max. strip length (visual)	Len	gth
V		w	K	lm/m	lm/W	R _a	1000 h	mm	m	5 m	50 m
Häfele L	oox5 LED	3076				. <u>u</u>					
			2700	1490	78	90	21.12	50	5.0	833.75.250	833.75.255
5 24 V	120	19.2	3000	1610	84	90	21.12	50	5.0	833.75.251	833.75.256
	120	19.2	4000	1670	87	90	21.12	50	5.0	833.75.252	833.75.257
			5000	1700	89	90	21.12	50	5.0	833.75.253	833.75.258







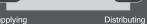




The driver makes the difference.

The choice is yours.





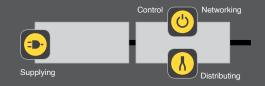


Light made easy.

When you want to install a lighting system into your furniture, your planning would generally include the lights and their controlling devices like switches that are separately wired. Häfele introduces a driver to which you can directly connect both the switch and the lights, thereby simplifying the entire set-up of the system.

The reduced concept.

- - Distribution to a maximum of 4 lights which can be plugged in directly.
- > Only suitable for lights.





Perfect for room light and furniture light.

Your light project requires light in several furniture items and/ or in different rooms. You therefore need a variety of lights, and would like to integrate different controllers.

The flexible system is the right choice in this case.

This system makes you completely open for individual customer requirements.

The flexible concept.

- The driver is exclusively intended for providing a stable power supply.
 With a life time of 50,000 hours during permanent operation, it is extremely durable.
 The universal input voltage makes worldwide use possible.
 You can connect one or more distributors to the driver in series (box to box concept).
 Suitable for project applications.

Drivers

Häfele Loox5 driver constant voltage 12 V









> Version: With overload protection

> Colour: Black
> Degree of Protection: IP20

mounting location.

> Output Voltage: DC 12 V +/- 3 %
> Number of Connections: 1 x socket Loox5 12 V
> Life Time: >50,000 hours

> Supplied With: 1 driver with mounting accessories

Ambient temperature –25 °C to +45 °C (60 W: 40 °C)
Ensure that there is sufficient air supply and circulation at the

The life time is doubled with an ambient temperature of <30° C.

Maximum lead length from the Loox5 driver to the device is 10 m. Long cable lengths in combination with large loads (strip light lengths) can result in voltage losses in the cable. These lead to visible loss of brightness in the lights. The illuminance listed with the lights has been determined with the rated output voltage of the driver. (12 V or 24 V).

Mains lead, country-specific, C7 socket (small appliance plug), 2 metre lead length

> Description: EU
> Supplied with: 1 piece

Plug design	Cat. No.
	833.89.002
>	833.89.009

5 12 V	Output power	Output current	Mains voltage	Standby power consumption	Dimensions (L x W x H)	Cat. No.
	W	A		w	mm	
1	20	1.67	100-240 V~; 50-60 HZ	0.07	140 x 50x 16	833.95.000
2	40	3.33	100-240 V~; 50-60 HZ	0.12	191 x 60 x 16	833.95.002
3	60	5.00	100-240 V~; 50-60 HZ	0.14	230 x 70 x 16	833.95.003



Drivers

Häfele Loox5 driver constant voltage 24 V









> Version: With overload protection

> Colour: Black
> Degree of Protection: IP20

> Output Voltage: DC 24 V +/- 3 %
> Number of Connections: 1 x socket Loox5 24 V
> Life Time: >50,000 hours

> Supplied With: 1 driver with mounting accessories

Ambient temperature –25 °C to +45 °C

Ensure that there is a sufficient air supply and circulation at the mounting location.

The life time is doubled with an ambient temperature of <30° C.

Maximum lead length from the Loox5 driver to the device is 10 m. Long cable lengths in combination with large loads (strip light lengths) can result in voltage losses in the cable. These lead to visible loss of brightness in the lights. The illuminance listed with the lights has been determined with the rated output voltage of the driver. (12 V or 24 V).

(12 V OI 24 V)

Mains lead, country-specific, C7 socket (small appliance plug), 2 metre lead length

Description: EUSupplied with: 1 piece

Plug design	Cat. No.
	833.89.002
>	833.89.009

5 24 V	Output power	Output current	Mains voltage	Standby power consumption	Dimensions (L x W x H)	Cat. No.
	W	A		w	mm	
1	20	0.83	100-240 V~; 50-60 HZ	0.11	140 x 50x 16	833.95.008
2	40	1.67	100-240 V~; 50-60 HZ	0.15	191 x 60 x 16	833.95.010
3	90	3.75	100–240 V~; 50–60 HZ	0.21	316 x 70 x 16	833.95.011

Drivers

Häfele Loox5 driver constant voltage 24 V



> Version: With overload protection

Colour: Black
 Degree of Protection: IP20
 Standby Power Consumption: <0.5 W
 Output Voltage: DC 24 V

> Dim. (L x W x H): 234 x 75 x 38 mm > Life Time: >50,000 hours

> Supplied With: 1 driver with mounting accessories

Please pay attention to the regional input voltage when choosing the driver!

Maximum lead length from the Loox5 driver to the device is 10 m. Long cable lengths in combination with large loads (strip light lengths) can result in voltage losses in the cable. These lead to visible loss of brightness in the lights. The illuminance listed with the lights has been determined with the rated output voltage of the driver. (12 V or 24 V).



The 240W LED driver will be powered by a three pin EU plug cable using the below article code

Country-specific mains leads

> Supplied with: 1 piece

Plug design	Cat. No.
> −	833.89.265

	Input voltage	Output power W		Number of connections Loox5 24 V	Cat. No.
5 24 V	200–240 V~, 50–60 Hz	240 (2 x 120)	2 X 5	2 x socket	833.95.012

🚹 Häfele Loox5 lead for LED strip light monochrome, 8 mm

> Current carrying capacity: Max. 5 A
> Clip width: 10 mm
> Drill hole Ø: Plug 8 mm
> Supplied with: 1 lead plug/clip

Type of cable	Voltage	Length mm	Cat. No.
Monochrome (2-wire 18 AWG)	5 24 V	2000	833.95.706

For connecting the Loox5 Driver with Loox3S Strip, you will have to order the Loox5 to Loox3S adaptors separately using the below article code

Device	Driver	Max. Connected wattage (W)	Cat. No.
24V	24V	Max. 84W	833.77.838



Distributors

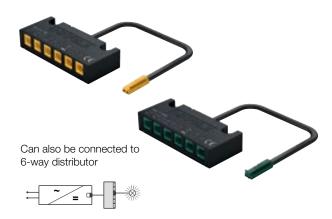
Häfele Loox5 6-way distributor

Plug connection box to box

> The connection of the distributors with the driver can be done via a box to box plug-in connection or via an extension lead.

Any number of distributors can be connected to the driver. Observe maximum wattage!

Häfele Loox5 6-way distributor without switching function



> Material: Plastic > Colour: Black

> Dim. (L x W x H): 70 x 30 x 14 mm

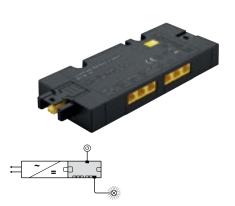
> Number of Connections: 1 x input port with plug, monochrome

6 x output ports device sockets

> Supplied With: 1 distributor

Voltage	Max. connected wattage W	Without switching function
5 12 V	60	833.95.786
5 24 V	120	833.77.839

Häfele Loox5 box to box 6-way distributor with switching function



Material: PlasticColour: BlackDim. (L x W x H): 120 x 50 x 16 mm

> Number of Connections: 1 x input port with box to box plug

1 x output port with box to box socket

1 x input port switch socket 6 x output ports device sockets

> Supplied With: 1 distributor

Voltage	Max. connected wattage W	Box to box with switching function
5 12 V	60	833.95.748
5 24 V	120	833.77.833

Flexible networking. Wireless control.

Connect Mesh from Häfele shows its full strength when networking different lights in furniture and in rooms.

In order to provide a high degree of flexibility for setting up your lighting solutions, the tried-and tested Mesh technology based on Bluetooth Low Energy is used.

The biggest advantage of this technology is the communication between all components in a network.

The Connect Mesh components.

- Connect Mesh Distributors all lights that are connected to this distributor can be controlled wirelessly.

 Lights with integrated Mesh technology these components can be integrated into Mesh networks without distributors and
- Connect Mesh control units (remote controls, wall mounted push buttons, interfaces) for wireless control of all lights in a network. Connect Mesh App for setting up and operating networks. Extensions with third-party products are possible using a



Suitable light scenarios.

Light accompanies us from morning until evening. This is why it is very important for the lighting solution in furnishings to accompany the customer's everyday life in a meaningful way, and always provide the correct light scene for daily activity in the rooms.

A Connect Mesh network makes it possible to install and configure room and furniture lighting so that you can create completely individual light scenes for your customers.

With Connect Mesh you have full flexibility, you can incorporate additional Mesh components at any time without tedious cable pulling, and have complete freedom when defining circuit diagrams, even across rooms and levels.

Step by step to the scene.

- > Clarify with the customer how the everyday routine takes place on their premises (e.g.
- > Decide which light illuminates the relevant situations in the best way possible for your

- for all discussed situations for the customer. After setting up, the customer can operate each light scene using a wall mounted push button or remote control, and adapt it himself

Distributors

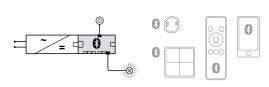


Häfele Connect Mesh 6-way distributor, with switching function

- > Control several light colors on one box!
- > Each output port can be controlled individually.









Häfele Connect Mesh App

- Detects and reports new nodes in the network independently
- > Intuitively assign functions to switches
- > Set up light groups and scenes
- > Share your protected access with others
- > The Häfele Connect Mesh App is free for Apple iOS® and Android™.









for Android™

> Area of Application: For on/off switching and dimming (0-100%)

of monochrome lights; or, in conjunction with adapters, for the operation of multiwhite lights, RGB lights, and electrically

operated fittings

> Version: With programmable switching input for

standard Loox switches (switching function programmable via app; each active component can control each passive

component.

> Material: Plastic > Colour: Black

> Dim. (L x W x H): 120 x 50 x 16 mm

> Number of Connections:1 x input port with box to box plug

<0,5 W

1 x output port with box to box socket

1 x input port switch socket

6 x output ports device sockets (2-pin), can be controlled from any active component

of the network

> Standby Power

Consumption:

> Supplied With: 1 distributor

	Voltage	Max. connected wattage W	Cat. No.
N. 4	5 12 V	60	850.00.042
Monochrome	5 24 V	120	850.00.043



The distance within the network applies in the event of a clear view.

Obstacles and electromagnetic interference sources can reduce the range. Another 6-way distributor can be used as a signal amplifier to compensate for the loss of range.

Please order adapters for multi-white lights, RGB lights or electrically operated fittings separately.

6-way distributor for monochrome lights or other 2-pin devices, such as electrically operated fittings.

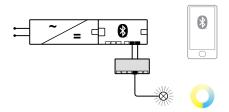
Adapter

0

Häfele Loox5 multi-white adapter for Häfele Connect Mesh 6-way distributor







1 multi-white adapter occupies 2 output ports of the 6-way distributor.

> Area of Application: For connecting multi-white lights to

the Häfele Connect Mesh 6-way

distributor

> Material/Colour: Plastic, black > Dim. (L x W x H): 70 x 30 x 14 mm

> Number of Connections: 2 x input port with plug, monochrome

6 x output ports device sockets,

multiwhite

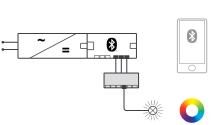
> Supplied With: 1 distributor with 80 mm lead

Voltage	Max. connected wattage	Cat. No.
5 12 V	60	833.95.745
5 24 V	120	833.77.830

Häfele Loox5 RGB adapter for Häfele Connect Mesh 6-way distributor







1 RGB adapter occupies 3 output ports of the 6-way distributor.

> Area of Application: For connecting RGB lights to the

Häfele Connect Mesh 6-way

distributor

> Material/Colour: Plastic, black > Dim. (L x W x H): 70 x 30 x 14 mm

> Number of Connections: 3 x input port with plug, monochrome

6 x output ports device sockets, RGB

> Supplied With: 1 distributor with 80 mm lead

Voltage	Max. connected wattage W	Cat. No.
5 12 V	60	833.95.746
<u>5 24 V</u>	120	833.77.831

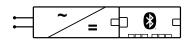


Controls



Häfele Connect Mesh remote control







Easiness

> One remote control for all applications: monochrome lights, multiwhite lights, RGB lights and electrically operated fittings

> Area of Application: For controlling Häfele Connect Mesh

components in a network

> Configuration: Easy, direct pairing with a 6-way distributor

or programming of buttons via app to control each node of the network

> Version: Multi-function control panel

> Material: Plastic

> Colour: Top Shell: Black, Lower Shell: White

> Dim. (L x W x H): 130 x 42 x 11 mm > Supplied With: 1 remote control

	Cat. No.
Remote control	850.00.040



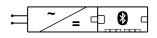
Please order Häfele Connect Mesh 6-way distributor separately.

Please order 2 CR2032 lithium button cell batteries (2 x 002.99.032) separately.



Häfele Connect Mesh push button, wall mounted







> Area of Application: For controlling Häfele Connect Mesh

components in a network (all functions which are possible by pressing or holding

down a key)

> Configuration: Easy, direct pairing with a 6-way distributor

or programming of buttons via app to control each node of the network

> Version: 4-button panel

> Material: Plastic

> Colour: Pushbutton: Black, Frame: White

> Dim. (L x W x H): 81 x 81 x 12 mm

> Mounting: For screw fixing or glue fixing to any wall

> Supplied With: 1 push button, wall mounted

	Cat. No.
Wall mounted push button	850.00.041



Please order Häfele Connect Mesh 6-way distributor separately

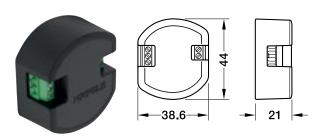
Please order 1 lithium button cell battery CR2430 (1 \times 002.99.034) separately.

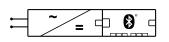
Controls

*

2-channel interface, Häfele Connect Mesh, with potential free relay 80-230V

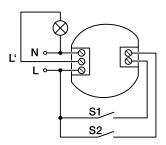
- > Allows use of push buttons, wall mounted, with same design as the house installation
- > Controls furniture and room lights and also house installation devices with Häfele Connect Mesh



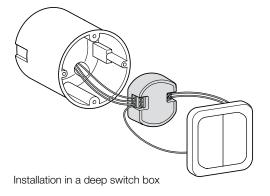








Installation example



> Area of Application: For on/off control of room lights or other

house installations via Connect Mesh (all functions that are accessible by pressing or holding a button)

> Configuration: Programming via app to actuate each

node of the network.

> Version: With potential free relay

> Material: Plastic

> Connection: 2 switching inputs for conventional

standard wall mounted push buttons (double rocker switch), 1 output for on/off switching of 80–240 V, max. 3 A, (max. 240 W with 80 V and 720 W with 240 V), (can be controlled from any active

component of the network)

> Power Consumption: 2 W

> Dim. (L x W x H): 39 x 44 x 21 mm

> Mounting: Suitable for installation in switch boxes

(recommended box depth 60 mm)

> Supplied With: 1 2-channel interface

Product type	Cat. No.
2-channel interface	850.00.046



Note

The installation, start-up and maintenance of the product may only be carried out by trained electricians with appropriate qualifications.

Order reference

Please order Häfele Connect Mesh 6-way distributor separately.





Mumbai Design Centre:

Haji Moosa Patrawala Ind.(SOBO) Estate, Near Famous Studio, Mahalaxmi (West), Mumbai - 400 011 Tel.: 022 6264 7100.

Mumbai Design Centre:

#2 Filix Building, Opp. Asian Paints, L.B.S. Marg, Bhandup (West), Mumbai - 400 078 Tel.: 022 2596 9660/ 2596 9787/2594 7305

New Delhi Office & Design Centre:

D-89 , 1st Floor, Okhla Phase-I, New Delhi - 110 020 Tel.: 011-66574999 Fax: 011-41605482

Bangalore Office & Design Centre:

Incubex Nestavera Spaces Pvt Ltd, No:13, Langford Place, Langford Road, Shanti Nagar, Bangalore - 560 025

Tel.: 080 4132 6116 Fax: 080 4132 6226

Bangalore Hafele Appliances Gallery:

No. 2/1, Shiv Manor, Langford Road, Shantinagar, Bangalore - 560027

Tel.: 080 - 4142 6336

Hyderabad Office & Design Centre:

SJR Building - # 1-57/89/1 & 1-57/89/2 Opp Allahabad Bank, Gachibowli, Hyderabad – 500032 Tel.: 040 29557578 / 040 29557588

Kolkata Design Centre:

PS PACE, Premises No. 1/1A, Mahendra Roy Lane, Topsia, Kolkata - 700 046 Tel.: 033 40086814 / 033 40089268

Fax: 033 24988020

Kolkata Office:

Office No. 1001, PS Continental, 10th Floor, 83/2/1 Topsia Road, Near Vishwakarma Building. South Kolkata - 700046 Tel: 033-2285 0104 / 033-2285 0105 / 033-2285 0106

Chennai Office & Design Centre:

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Fax: 044 2446 0922

Pune Design Centre:

Showroom No. 2, Ground Floor, F P no. 403, A/2, ICC Trade Tower, Senapati Bapat Marg, Shivaji Nagar, Pune -411016 Tel.: 020 2563 3301

Fax: 020 2563 3302

Pune Office:

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Fax: 020 2426 6274

Ahmedabad Office:

Hafele India Pvt. Ltd., Office No. 302, 3rd Floor, Shangrila Arcade, Near Shyamal Cross Road, Satellite, Ahmedabad - 380015

Tel.: +91 79695 55505 / 8866220505

Cochin Office:

Jomer Symphony, 5th Floor, 48/1744 C34, Chalikkavattom, North Ponnurunni, Vyttila, Cochin- 682010

Sri Lanka:

Hafele Office and Design Centre:

52, Nandana Gardens (On Duplication Road), Colombo 04. Tel: +94 112 500 501. Fax: 0094 112 500 553.

Hafele Design Centre:

448, Galle Road, Rawathawatta, Moratuwa, Sri Lanka. Tel.: +94 112 644 600.

Hafele Boutique:

747A, Sirimawo Bandaranayaka Mawatha, Mulgampola, Kandy, Sri Lanka. Tel.: +94 812 223 338.

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2nd Floor, House - 181, Road - 2, Mohakhali DOHS, Dhaka - 1206. Tel.: 01844018431/01844018432/ 01844018433/01844018437.

Bangladesh Design Center:

House - 106, Road - 12, Block - E, Banani, Dhaka - 1213 Tel.: 02-48810380-81

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UHS Holdings Pvt. Ltd. Kathmandu-2, Gairidhara Chowk, Nepal. Mob.: +977 9802338800

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