

HÄFELE

Let's
Reimagine

TM



www.hafeleindia.com

ARCHITECTURAL LIGHTING

Hafele

Reassuring Expertise



"For almost 10 decades, we've been helping people make more of their homes.

Established in Germany, and now operating worldwide, we specialise in the fittings, hardware and systems that improve the way your home, works. So when you choose our products as part of your new or reformed home, you know you're getting the benefit of extensive knowledge and decades of experience.

And we're still a family business, owned and managed by family members who really care about the products and service we provide. You can rely on our commitment to the highest standards of quality and reliability, founded on a long tradition of German engineering where attention to detail is second nature.

All our home improvement ideas are built to last – day in, day out – we want you to get the very best from every corner of your home, for many years to come."

Häfele Worldwide



With its origin in 1923 in a small town named 'Nagold' from the Swabian region of Germany that nurses a passion for hardware technology, it is no surprise that Häfele has lived up to its roots through a successful presence in the architectural and furniture hardware industry for over 9 decades now. Today, Häfele's worldwide penetration includes 38 subsidiaries across Europe, America, Asia, Australia and New Zealand. With these subsidiaries and numerous other sales organisations, Häfele operates in over 150 countries. The Häfele headquarters, 4 manufacturing units and 10 sales offices are located within Germany; while 1 manufacturing unit is located at Budapest, Hungary. The company also owns one of the largest and most sophisticated warehouses in its home country. The Häfele worldwide workforce is empowered by a base of over 8100 employees.

The group services over 150,000 customers across the globe through its extensive range of hardware products and a comprehensive logistics system. In addition to this, Häfele also provides consultative services to its customers, educating and advising them about buying the correct hardware as per their requirements. With this level of market penetration and ability to handle worldwide demand, it comes as no surprise that the company is an authority in the segment of home interior solutions; what is pleasantly surprising, though, is that in spite of its size, Häfele still remains a family owned and run business with a unique, friendly and value-centric work culture which is strongly followed among all its subsidiaries.

Häfele India



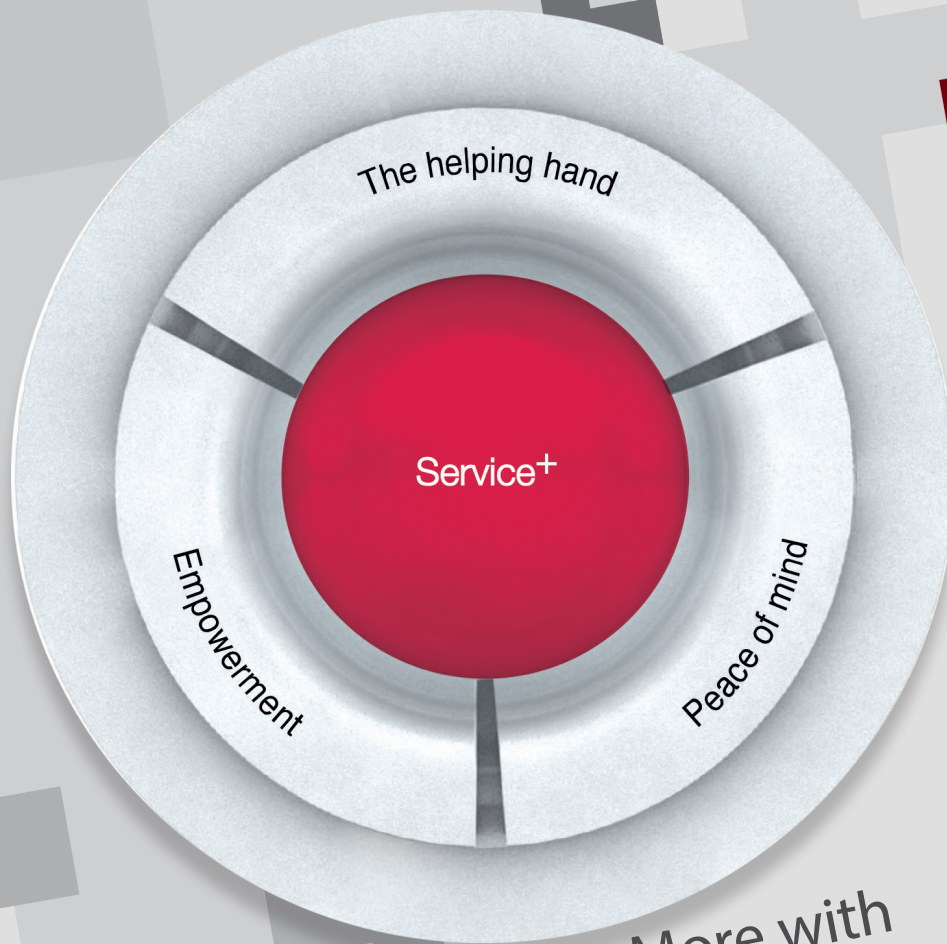
Häfele India is a wholly-owned subsidiary of the Häfele Global network and has been operating in India since 2003 under the leadership of Mr. Jürgen Wolf (Managing Director). The ability of the company to understand the diverse Indian market has made it an authority in the field of architectural hardware, furniture and kitchen fittings and accessories. The company also has a strong presence in synergized product categories namely Home Appliances, Furniture Lighting, Sanitary and Surfaces catering to the focused demand from these industries.

The subsidiary has a strong nation-wide presence with offices in Mumbai, Pune, Ahmedabad, Bangalore, Chennai, Hyderabad, Delhi, Kolkata and Cochin. It has full-scale operations in Sri Lanka and Bangladesh with Regional offices and Design Showrooms in both the countries; and has also spread its operations to other regions of South Asia including Nepal, Bhutan and Maldives.

Häfele's design showrooms are hubs of international home interior trends and cutting edge designs presented in a world-class environment, where customers can see home solutions in their inherent applications. These showrooms function as a one-stop-shop for all home interior and improvement needs - from providing in-depth technical advice to kitchen and wardrobe designing services through a team of experts stationed at the showroom.

Häfele India services its customers with a base of over 1300 employees, a well-networked Franchise base of over 190 shops along with over 500 direct dealers and 90+ distributors who in turn cater to over 8000 satellite dealers. The subsidiary has a sophisticated Logistics centre in Mumbai along with distribution centres in Delhi, Bangalore, Kolkata and Colombo respectively.





Experience More with **Service+**

Our customers' working environment is becoming increasingly complex and their market is becoming ever more demanding. This drives our motivation to do everything in our power to help our customers be successful. And to demonstrate that Häfele is the right partner in these challenging times, we want to accompany our customers throughout their entire business process and give them added strength in every phase of their business. We don't just want to sell our products, we also want to provide the highest level of service.

We have now divided our services into two categories: **Standard Services** which we provide to our customers as a matter of course when they choose our products. For example, a high availability of our goods and punctual delivery. And then there is **Service+** which constitutes of services that give our customers considerable added value in terms of building expertise, increasing productivity or providing individual customised solutions. These services require a considerable amount of time and effort to develop and implement and are designed to enable our customers to regard them as worthwhile investments.

The aim is to create solid long-term foundations for our comprehensive service promise and to make Häfele an indispensable partner for our customers. The focus here lies not so much on us and on what we do – but rather, on the benefits derived by our customers. We want to **empower** them with opportunities to develop and expand their skills – both as masters of their trade and as entrepreneurs. We want to support them in the planning and realisation of their projects and relieve them of as much work as possible, thereby providing them with a **helping hand** to use their most valuable resource – time – as efficiently as possible. And we aim to give our customers **peace of mind** and the assurance that even after the end of a successful project completion, we will continue to be there for them as a reliable partner, shouldering responsibility.



The Pillars of **Service+**

In order to support you as comprehensively as possible, we have assigned the Plus Services to individual stages of your work process in a total of four themed pillars. We start with the transfer of knowledge and accompany you via planning and production to installation and maintenance.



Empowering customers with **Service+ Knowledge**

Includes service offerings that provide inspiration and expertise to our customers about the Häfele product range. Through these, we enable our customers to use Häfele products profitably and at the same time remain at the cutting edge of technological development. One example of this is the Häfele Academy, which imparts knowledge about complex products and new technologies to our customers via seminars and trainings.

Providing a helping hand to customers with **Service+ Planning & Customised**

Includes service offerings like space, design planning and customisations that make life easier for our customers and support their design vision. An example of this is Häfele's Lighting Design Service which helps our customers curate a lighting plan, following a customised approach, that enhances and brings out the true functionality of the interior space as per requirement.



Lending a "Peach-of-mind" experience through **Service+ Assist**

Includes service offerings that provide support and assistance to our customers, whether digitally or on site. An example of this is the complete assembly and installation service for more complex and maintenance-intensive products done by our Meister certified and trained technicians.

CONTENTS

INTRODUCTION

PAGE

3-13

DELFT

PAGE

14-24

OXFORD

PAGE

25-43

IMPERIAL

PAGE

44-51

MCGILL

PAGE

52-57



ARCHITECTURAL LIGHTING



HAFELE ARCHITECTURAL LIGHTING



Häfele's Loox Range has been meeting the demands for lighting in furniture as well as the growing needs for networking and digitalization since the last 10 years. The solutions offered within this range maximise simplicity and flexibility as well as assure high reliability. The range presents itself as a unique combination of elegant design and state-of-the-art technology making it the perfect choice for any home furniture application; be it Task Lighting for Kitchen cabinets and plinths, Decorative Lighting for Living Room Showcases, Mood Lighting for Bedroom Applications or pure Functional Lighting in Wardrobes.

With the ever-increasing demands for quality and specialised lighting solutions not just for furniture but also for rooms, Hafele in 2019, expanded its range offering to include ceiling cove lighting which incorporates our high-quality strip lights. It was during this period that we realized that among the numerous ceiling light types available in the market, interior architectural lighting had a huge demand, however there weren't many prominent brands that offered these solutions. On one side, there existed local market players that offered these solutions without effective quality assurances, while on the other there were international brands that only catered to projects with no stable price offering or service support. This left majority of the customers without a viable choice in the market.

Identifying this distinct gap early on as an opportunity, Hafele initiated the research and engineering for a range of lights that enhances the design of architectural spaces as well as provides opportunities of achieving different illumination techniques and functionalities. As a brand, Hafele understands design and is known for its bend towards innovation. It also understands the importance of home ergonomics, lifestyle conveniences and ease of mobility within your surroundings. Our efforts towards this exercise led to the development of a versatile range of architectural lights; Hafele Architectural Lights was brought into existence.

With Hafele's New Architectural Lighting Range you will find all your lighting needs taken care of. Whether it is lighting up a small area, highlighting a wall texture, emphasizing on a work of art, illuminating the floor space at night or simply ensuring even distribution of light across the entire space – these lights have got you covered. The range, consisting of 8 series, covers various applications, installation techniques and design themes. Each series comes with a comprehensive offering of the different types of interior lights, be it downlights, spotlight or wall washers, which allows you to implement a consistent design theme (in terms of the lighting fixtures) across the space available, even with differentiated illumination techniques. The biggest advantage this range carries is the absolutely low Unified Glare Rating (UGR). The lower the UGR rating, the lower the glare from the light fittings which therefore results in comfortable illumination in your living spaces.

The convenient plug-and-play assembly, impressive product specifications, flexibility in ordering components, luminaire finishes, and availability of glare reduction accessories provide an overall customized option tailored to your specific requirements. Engineered on the same philosophy of 'easiness' and 'flexibility' as the Loox furniture lighting system, Hafele can now be your holistic, lighting solutions provider, delivering premium ambient, task and accent lighting for your living spaces.

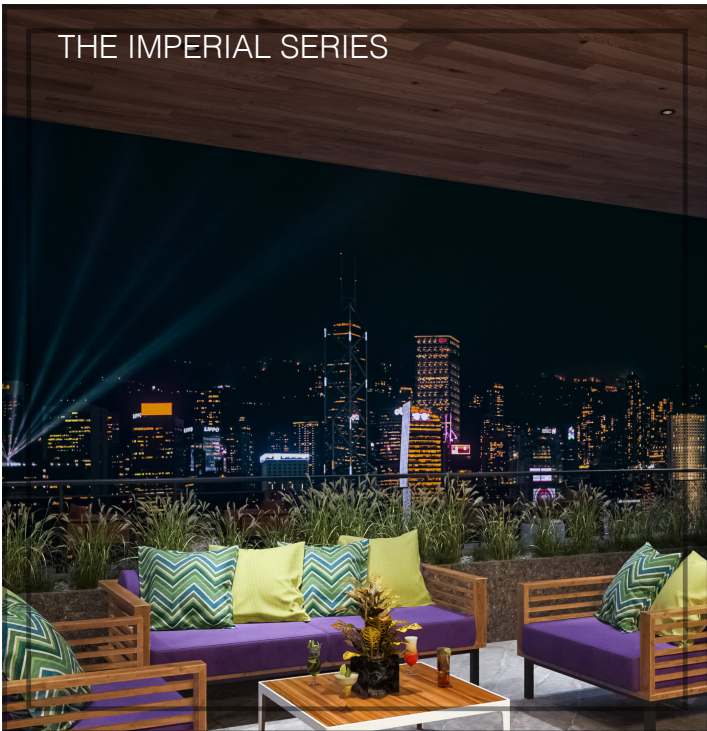
THE DELFT SERIES



THE OXFORD SERIES



THE IMPERIAL SERIES



THE MCGILL SERIES



THE DELFT SERIES



Recent preferences among architects in the industry have evolved more in favour of having compact, minimal light fixtures that do not interfere with the overall design theme. Additionally, there is a strong inclination towards installing fewer luminaires that cover a significant portion of the ceiling space and illuminate a given area effectively. The Delft series of architectural lights was developed to cater to higher illumination in the downlight and spotlight series with its small and exquisite design.

Available in two colours, black and white, the Delft series is best suitable for dining rooms, hotel rooms, bedrooms, living rooms, and display areas with its deep baffle design which equally distributes the light toward the center. With the help of a simple plug-and-play concept, the luminaires from the Delft Series have an entirely tool-free installation.

THE DELFT SERIES: MODULARIZATION CONCEPT



**LIGHT
ENGINE**



Heat Sink

Absorbs the heat generated by the lighting engine and then dissipates this heat into the surrounding ambient air.

LED Holder with LED Chip

Designed to mount the LED onto the fixture and to integrate it into the circuit

Lens

Amplifies the light effect

Rubber Gasket

Prevents proliferation of moisture and dust particles

**HOUSING WITH
MOUNTING
BRACKET**

Dissipates the heat that is emitted by the light engine and provides protection to the luminaire



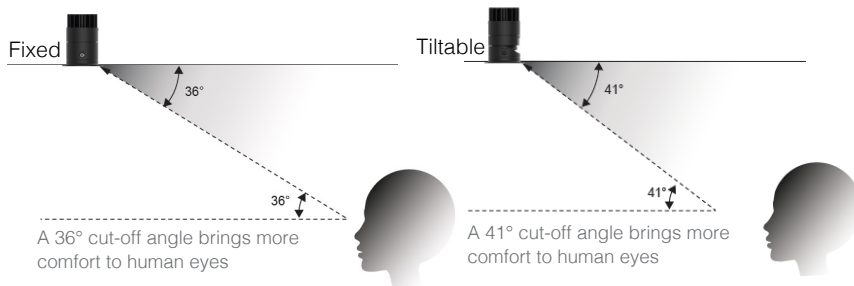
THE DELFT SERIES: FEATURES

1. Modularization Concept:

The Delft series delivers flexibility and a variety of options for the customer to choose from. The ordering process involves building on the light engine as per installation preference. Mentioned below are all the choices a customer can detail to arrive at a solution tailored to his / her specific requirements.

Types:	Spotlight and Downlight
Wattage options:	5 W and 7 W
Beam angles:	20°, 35° and 50°
Colour of the luminaire	Black and White
Housing types:	Fixed and tiltable
Mounting bracket installation:	Trim and trimless
Colour temperature:	2700K, 3000K, and 4000K

2. Low glare fixtures:

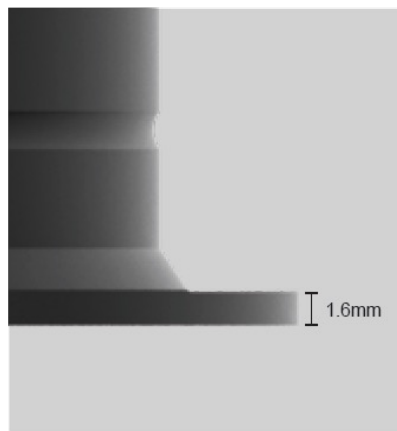
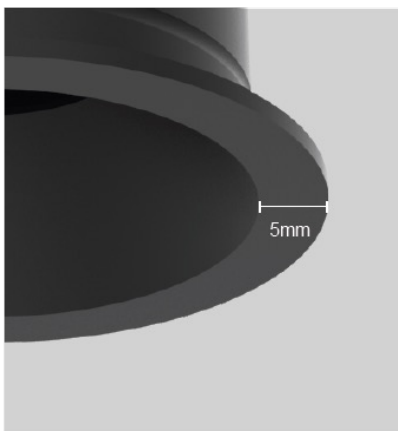
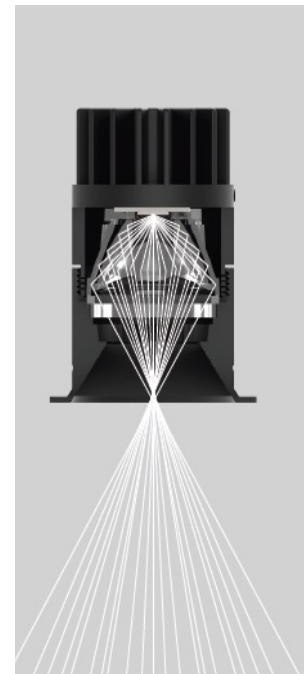


If the cut-off angle is higher, the luminaire's visual comfort will also increase due to the glare* reduction. The luminaires from the Delft Series ensure a low glare function that helps produce a pleasant visual impact. They are designed with a 36° cut-off angle for fixed housing and a 41° cut-off angle for tiltable housing.

*Glare is a visual sensation caused by excessive and uncontrolled brightness at the light source.

3. Deep baffle design:

The Delft luminaires' deep baffle design reduces glare. Additionally, they have specialized lenses that offer numerous internal reflection spots to guarantee a beam angle that is equally distributed toward the center.



4. Small & Exquisite Design

With a thin frame design of 1.6mm in height and 5mm in width, these fixtures are small, compact, and blend into the ceiling perfectly.

5. Unified Glare Rating (UGR) <20:

The lower the UGR rating, the lower the glare. To achieve comfortable illumination in your living spaces, the UGR of the luminaires is recommended to be below 20 which is possible to achieve with the Delft Series.

UGR values range from 40 (extremely high glare) to 5 (very low glare).



THE DELFT SERIES: DECODING THE NOMENCLATURE

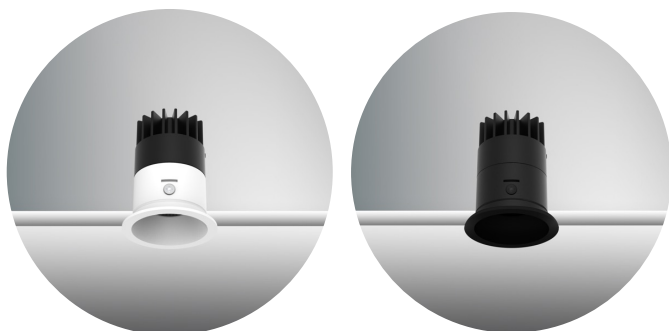
Delft	5W	.25A	TLT	RD	TR	30°	30K	WH
	1	2	3	4	5	6	7	8

Number	Category	Abbreviation	Possibilities
1.	Output	W	5W 7W
2.	Current	.25A .7A	250mA 700mA
3.	Housing Type	TLT DL	Tilt Fixed Downlight
4.	Shape	RD	Round
5.	Mounting Bracket Type	TR TL	Trim Trimless
6.	Beam Angle	°	20°, 30°, 50°
7.	Colour Temperature	27K 30K 40K	2700K 3000K 4000K
8.	Finish	WH BLK	White Black

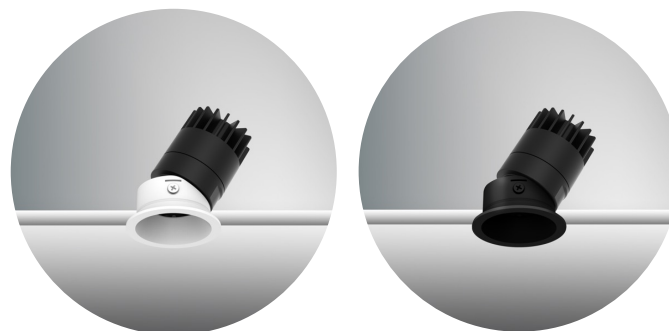
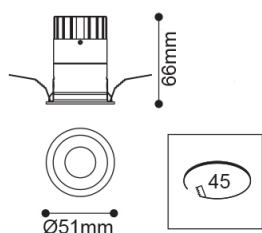


THE DELFT SERIES: RANGE SPECIFICATIONS

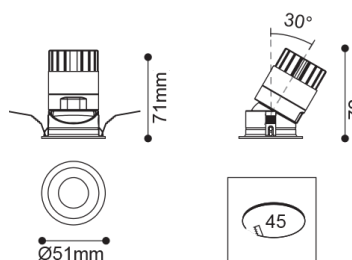
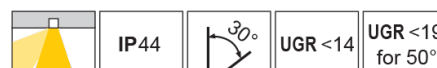
RECESSED SPOTLIGHTS / DOWNLIGHTS WITH TRIM MOUNTING BRACKET - ROUND

5 W


Housing type:	Fixed
Description:	Delft 5W.25A RD TR
Wattage:	5 W
Current:	250 mA
Colour temperature:	2700K, 3000K, 4000K
CRI	95
Ambient temperature:	45°
Beam angle:	20°, 35°, 50°
Material:	Die Cast Aluminum
Finish:	Black and white
Lumen Output (at luminaire)	68 lm/W
Average rated life:	> 60,000 hrs.
Degree of protection:	IP44
Certification:	BIS (Bureau of Indian Standards)
Indoor Application:	Dining Rooms, Hotel Rooms, Bedroom, Living Room, Display Areas



Housing type:	Tiltable
Description:	Delft 5W.25A TLT RD TR
Wattage:	5 W
Current:	250 mA
Colour temperature:	2700K, 3000K, 4000K
CRI	95
Ambient temperature:	45°
Beam angle:	20°, 35°, 50°
Material:	Die Cast Aluminum
Finish:	Black and white
Lumen Output (at luminaire)	68 lm/W
Average rated life:	> 60,000 hrs.
Degree of protection:	IP44
Certification:	BIS (Bureau of Indian Standards)
Indoor Application:	Dining Rooms, Hotel Rooms, Bedroom, Living Room, Display Areas



1. 5W Light Engine

CCT	Beam Angle		
	20°	30°	50°
2700 K	833.30.904	833.30.912	833.30.920
3000 K	833.30.905	833.30.913	833.30.921
4000 K	833.30.906	833.30.914	833.30.922

1. 5W Light Engine

CCT	Beam Angle		
	20°	30°	50°
2700 K	833.30.904	833.30.912	833.30.920
3000 K	833.30.905	833.30.913	833.30.921
4000 K	833.30.906	833.30.914	833.30.922

2. 5W Fixed Housing with Trim Mounting Bracket

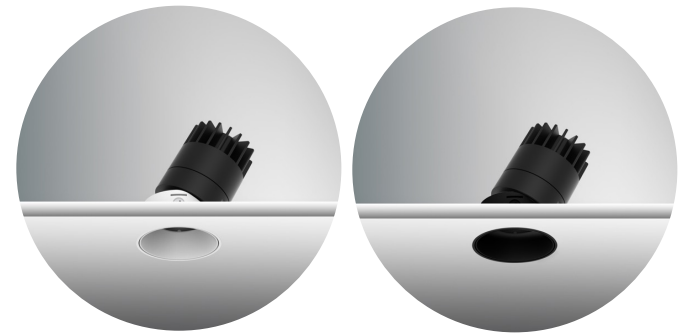
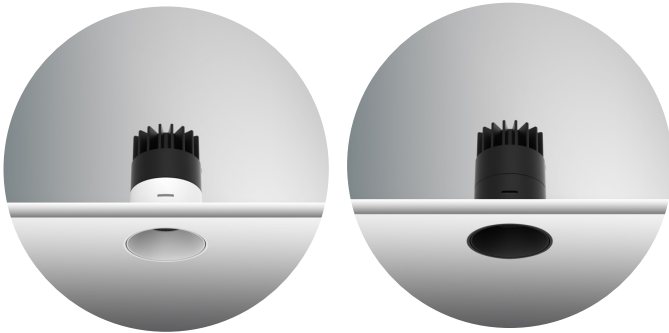
Finish	Article No.
White	833.30.928
Black	833.30.930

2. 5W Tiltable Housing with Trim Mounting Bracket

Finish	Article No.
White	833.30.929
Black	833.30.931

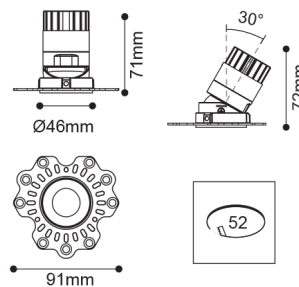
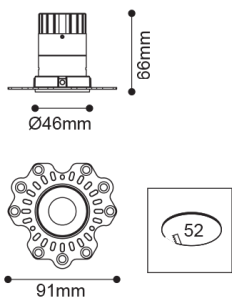
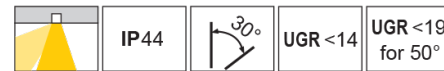
THE DELFT SERIES: RANGE SPECIFICATIONS

RECESSED SPOTLIGHTS / DOWNLIGHTS WITH TRIMLESS MOUNTING BRACKET - ROUND

5 W


Housing type:	Fixed
Description:	Delft 5W.25A RD TL
Wattage:	5 W
Current:	250 mA
Colour temperature:	2700K,3000K,4000K
CRI	95
Ambient temperature:	45°
Beam angle:	20°, 35°, 50°
Material:	Die Cast Aluminum
Finish:	Black and white
Lumen Output (at luminaire)	68 lm/W
Average rated life:	> 60,000 hrs.
Degree of protection:	IP44
Certification:	BIS (Bureau of Indian Standards)
Indoor Application:	Dining Rooms, Hotel Rooms, Bedroom, Living Room, Display Areas

Housing type:	Tiltable
Description:	Delft 5W.25A TLT RD TL
Wattage:	5 W
Current:	250 mA
Colour temperature:	2700K,3000K,4000K
CRI	95
Ambient temperature:	45°
Beam angle:	20°, 35°, 50°
Material:	Die Cast Aluminum
Finish:	Black and white
Lumen Output (at luminaire)	68 lm/W
Average rated life:	> 60,000 hrs.
Degree of protection:	IP44
Certification:	BIS (Bureau of Indian Standards)
Indoor Application:	Dining Rooms, Hotel Rooms, Bedroom, Living Room, Display Areas



1. 5W Light Engine

CCT	Beam Angle		
	20°	30°	50°
2700 K	833.30.904	833.30.912	833.30.920
3000 K	833.30.905	833.30.913	833.30.921
4000 K	833.30.906	833.30.914	833.30.922

1. 5W Light Engine

CCT	Beam Angle		
	20°	30°	50°
2700 K	833.30.904	833.30.912	833.30.920
3000 K	833.30.905	833.30.913	833.30.921
4000 K	833.30.906	833.30.914	833.30.922

2. 5W Fixed Housing with Trimless Mounting Bracket

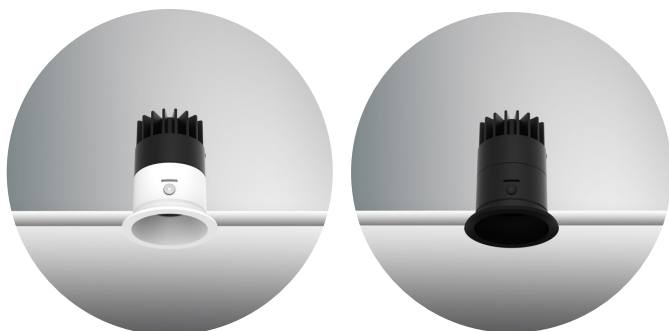
Finish	Article No.
White	833.30.932
Black	833.30.934

2. 5W Tiltable Housing with Trimless Mounting Bracket

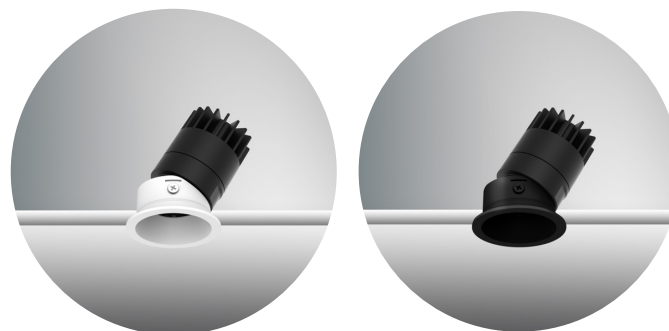
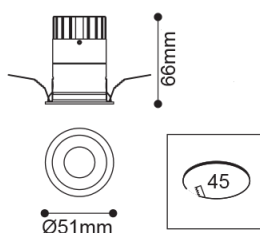
Finish	Article No.
White	833.30.933
Black	833.30.935

THE DELFT SERIES: RANGE SPECIFICATIONS

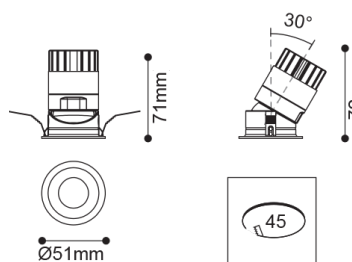
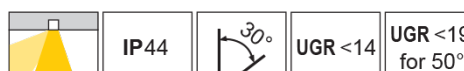
RECESSED SPOTLIGHTS / DOWNLIGHTS WITH TRIM MOUNTING BRACKET - ROUND

7 W


Housing type:	Fixed
Description:	Delft 7W.7A RD TR
Wattage:	7 W
Current:	700 mA
Colour temperature:	2700K, 3000K, 4000K
CRI	95
Ambient temperature:	45°
Beam angle:	20°, 35°, 50°
Material:	Die Cast Aluminum
Finish:	Black and white
Lumen Output (at luminaire)	68 lm/W
Average rated life:	> 60,000 hrs.
Degree of protection:	IP44
Certification:	BIS (Bureau of Indian Standards)
Indoor Application:	Dining Rooms, Hotel Rooms, Bedroom, Living Room, Display Areas



Housing type:	Tiltable
Description:	Delft 7W.7A TLT RD TR
Wattage:	7 W
Current:	700 mA
Colour temperature:	2700K, 3000K, 4000K
CRI	95
Ambient temperature:	45°
Beam angle:	20°, 35°, 50°
Material:	Die Cast Aluminum
Finish:	Black and white
Lumen Output (at luminaire)	68 lm/W
Average rated life:	> 60,000 hrs.
Degree of protection:	IP44
Certification:	BIS (Bureau of Indian Standards)
Indoor Application:	Dining Rooms, Hotel Rooms, Bedroom, Living Room, Display Areas



1. 7W Light Engine

CCT	Beam Angle		
	20°	30°	50°
2700 K	833.30.908	833.30.916	833.30.924
3000 K	833.30.909	833.30.917	833.30.925
4000 K	833.30.910	833.30.918	833.30.926

1. 7W Light Engine

CCT	Beam Angle		
	20°	30°	50°
2700 K	833.30.908	833.30.916	833.30.924
3000 K	833.30.909	833.30.917	833.30.925
4000 K	833.30.910	833.30.918	833.30.926

2. 7W Fixed Housing with Trim Mounting Bracket

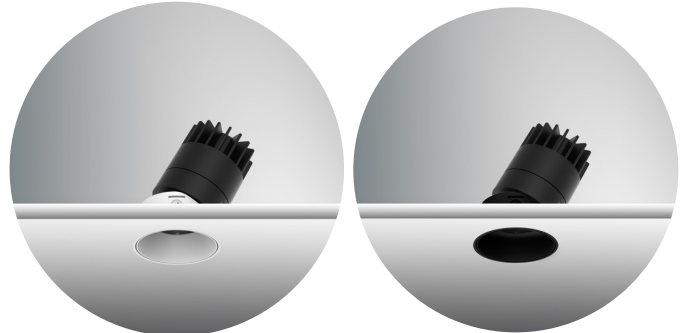
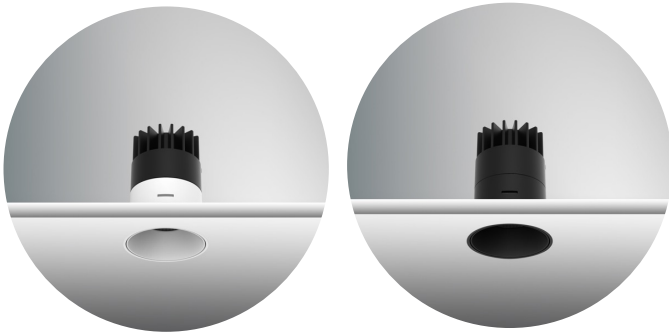
Finish	Article No.
White	833.30.928
Black	833.30.930

2. 7W Tiltable Housing with Trim Mounting Bracket

Finish	Article No.
White	833.30.929
Black	833.30.931

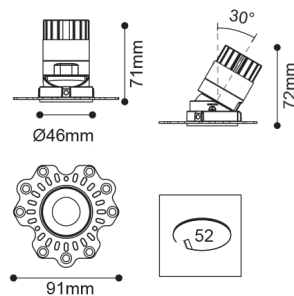
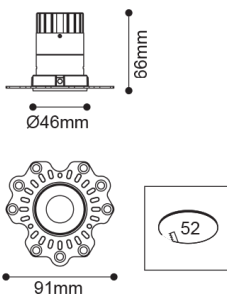
THE DELFT SERIES: RANGE SPECIFICATIONS

RECESSED SPOTLIGHTS / DOWNLIGHTS WITH TRIMLESS MOUNTING BRACKET - ROUND

7 W


Housing type:	Fixed
Description:	Delft 7W.7A RD TL
Wattage:	7 W
Current:	700 mA
Colour temperature:	2700K,3000K,4000K
CRI	95
Ambient temperature:	45°
Beam angle:	20°, 35°, 50°
Material:	Die Cast Aluminum
Finish:	Black and white
Lumen Output (at luminaire)	68 lm/W
Average rated life:	> 60,000 hrs.
Degree of protection:	IP44
Certification:	BIS (Bureau of Indian Standards)
Indoor Application:	Dining Rooms, Hotel Rooms, Bedroom, Living Room, Display Areas

Housing type:	Tiltable
Description:	Delft 7W.7A TLT RD TL
Wattage:	7 W
Current:	700 mA
Colour temperature:	2700K,3000K,4000K
CRI	95
Ambient temperature:	45°
Beam angle:	20°, 35°, 50°
Material:	Die Cast Aluminum
Finish:	Black and white
Lumen Output (at luminaire)	68 lm/W
Average rated life:	> 60,000 hrs.
Degree of protection:	IP44
Certification:	BIS (Bureau of Indian Standards)
Indoor Application:	Dining Rooms, Hotel Rooms, Bedroom, Living Room, Display Areas



1. 7W Light Engine			
CCT	Beam Angle		
	20°	30°	50°
2700 K	833.30.908	833.30.916	833.30.924
3000 K	833.30.909	833.30.917	833.30.925
4000 K	833.30.910	833.30.918	833.30.926

1. 7W Light Engine			
CCT	Beam Angle		
	20°	30°	50°
2700 K	833.30.908	833.30.916	833.30.924
3000 K	833.30.909	833.30.917	833.30.925
4000 K	833.30.910	833.30.918	833.30.926

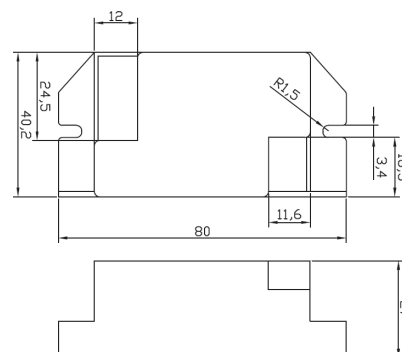
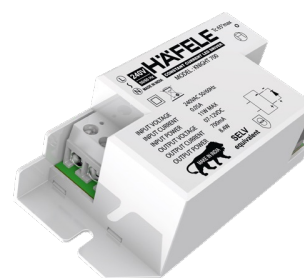
2. 7W Fixed Housing with Trimless Mounting Bracket	
Finish	Article No.
White	833.30.932
Black	833.30.934

2. 7W Tiltable Housing with Trimless Mounting Bracket	
Finish	Article No.
White	833.30.933
Black	833.30.935

THE DELFT SERIES: DRIVERS

KNIGHT 700 SINGLE CURRENT DRIVER, 700mA

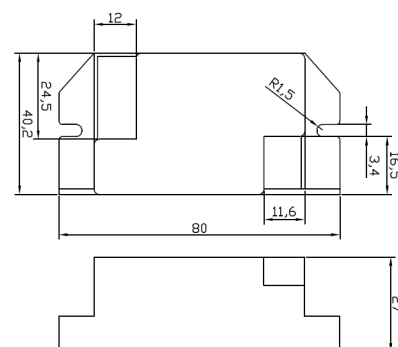
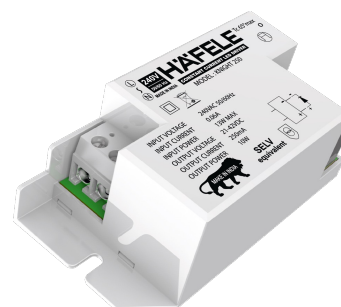
- SELV equivalent
- Suitable for Class II fixtures
- Flicker-free output
- Overload and short circuit protection
- Average rated life: 30,000 hrs.
- Sustains at 320 Vac for 48 hrs. and 360 Vac for 2 hrs.



Technical Specifications	
Article No.	833.30.974
Input Voltage	240VAC 50/60Hz
Input Current	0.06A
Input Power	11W Max
Output Voltage	7 – 12 VDC
Output Current	700mA
Output Power	8.4W

KNIGHT 250 SINGLE CURRENT DRIVER, 250mA

- SELV equivalent
- Suitable for Class II fixtures
- Flicker-free output
- Overload and short circuit protection
- Average rated life: 30,000 hrs.
- Sustains at 320 Vac for 48 hrs. and 360 Vac for 2 hrs.



Technical Specifications	
Article No.	833.30.974
Input Voltage	240VAC 50/60Hz
Input Current	0.06A
Input Power	13W Max
Output Voltage	21 – 42 VDC
Output Current	250mA
Output Power	10W

Note:

1. You can order either of the drivers by checking the suitable current ratings.
2. The Delft Series downlights and spotlights allow automation by connecting to Dali compatible drivers. If you have a requirement for automation, you can contact your Hafele sales representative for more details.

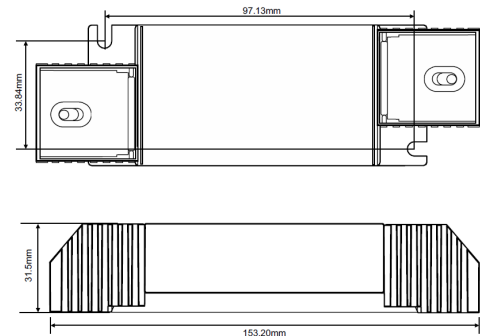
THE DELFT SERIES: DRIVERS

DUKE 700 MULTI-CURRENT DRIVER, 400mA,500mA,600mA,700mA

- SELV equivalent
- CE compliant
- Suitable for Class II fixtures
- Flicker-free output
- Overload and short circuit protection
- Input over-voltage & under voltage protection
- Average rated life: 50,000 hrs.
- Sustains at 440Vac for 48 hrs.



Technical Specifications	
Article No.	833.30.973
Input Voltage	240VAC 50Hz
Input Current	0.16A Max
Input Power	36W Max
Power Factor	>0.95
ATHD	<10%
Output Voltage	33 – 43 VDC
Output Current	700mA
Output Power	30W
Operating Temp.	-20°C to 50°C
No. of Channels	1 Channel

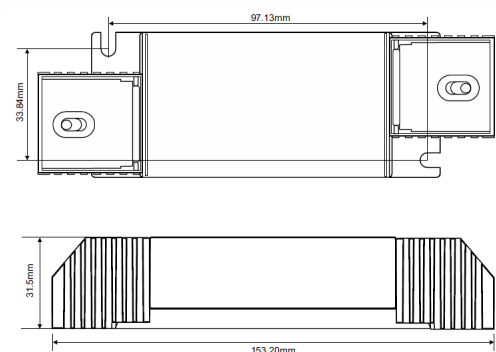


DUKE 500 MULTI-CURRENT DRIVER, 250mA,350mA,450mA,500mA

- SELV equivalent
- CE compliant
- Suitable for Class II fixtures
- Flicker-free output
- Overload and short circuit protection
- Input over-voltage & under voltage protection
- Average rated life: 50,000 hrs.
- Sustains at 440Vac for 48 hrs.



Technical Specifications	
Article No.	833.30.973
Input Voltage	240VAC 50Hz
Input Current	0.11A Max
Input Power	26W Max
Power Factor	>0.95
ATHD	<10%
Output Voltage	33 – 43 VDC
Output Current	500mA
Output Power	22W
Operating Temp.	-20°C to 50°C
No. of Channels	1 Channel


Note:

1. You can order the Delft Series or the Duke Series drivers, as per your requirement, by checking the suitable current ratings.
2. For Duke drivers: Please set the dip switch setting as indicated on the driver to activate the desired current rating out of the 4 options available
3. The Delft Series downlights and spotlights allow automation by connecting to Dali compatible drivers. If you have a requirement for automation, you can contact your Hafele sales representative for more details.

THE DELFT SERIES: ORDERING INFORMATION

1. LIGHT ENGINE

Article No.	Wattage	Current	Beam Angle	Colour Temperature	Dimensions (mm)
833.30.904	5W	250 mA	20°	2700K	Dia 41 x H 47
833.30.905	5W	250 mA	20°	3000K	Dia 41 x H 47
833.30.906	5W	250 mA	20°	4000K	Dia 41 x H 47
833.30.908	5W	250 mA	35°	2700K	Dia 41 x H 47
833.30.909	5W	250 mA	35°	3000K	Dia 41 x H 47
833.30.910	5W	250 mA	35°	4000K	Dia 41 x H 47
833.30.912	5W	250 mA	50°	2700K	Dia 41 x H 47
833.30.913	5W	250 mA	50°	3000K	Dia 41 x H 47
833.30.914	5W	250 mA	50°	4000K	Dia 41 x H 47
833.30.916	7W	700 mA	20°	2700K	Dia 41 x H 47
833.30.917	7W	700 mA	20°	3000K	Dia 41 x H 47
833.30.918	7W	700 mA	20°	4000K	Dia 41 x H 47
833.30.920	7W	700 mA	35°	2700K	Dia 41 x H 47
833.30.921	7W	700 mA	35°	3000K	Dia 41 x H 47
833.30.922	7W	700 mA	35°	4000K	Dia 41 x H 47
833.30.924	7W	700 mA	50°	2700K	Dia 41 x H 47
833.30.925	7W	700 mA	50°	3000K	Dia 41 x H 47
833.30.926	7W	700 mA	50°	4000K	Dia 41 x H 47

2. HOUSING WITH MOUNTING BRACKET

Article No.	Wattage	Housing Type	Mounting Bracket Type	Colour	Dimensions (mm)
833.30.928	5W / 7W	Fixed	Trim	White	Dia 100 x H 29
833.30.929	5W / 7W	Tiltable	Trim	White	Dia 100 x H 33
833.30.930	5W / 7W	Fixed	Trim	Black	Dia 100 x H 29
833.30.931	5W / 7W	Tiltable	Trim	Black	Dia 100 x H 33
833.30.932	5W / 7W	Fixed	Trimless	White	Dia 90 x H 30
833.30.933	5W / 7W	Tiltable	Trimless	White	Dia 90 x H 35
833.30.934	5W / 7W	Fixed	Trimless	Black	Dia 90 x H 30
833.30.935	5W / 7W	Tiltable	Trimless	Black	Dia 90 x H 35

3. DRIVERS

Article No.	Description	Current
833.30.974	Knight 250 Constant Single Current LED Driver	250mA
833.30.969	Knight 700 Constant Single Current LED Driver	700mA
833.30.973	Duke 500 Flicker-free Constant Multi-Current LED Driver, 250mA,350mA,450mA,500mA	500mA
833.30.976	Duke 700 Flicker-free Constant Multi-Current LED Driver, 400mA,500mA,600mA,700mA	700mA

THE OXFORD SERIES



The Oxford series, designed on the concept of modularization, delivers flexibility and a variety of options for the customer to choose from. Right from the type of application to output options, choice of beam angles and colour temperatures to shape, finish, mounting and housing type and glare reduction accessories, every minute detail of an Oxford luminaire can be customized as per your individual requirement.

Be it a spotlight, downlight or wall washer, the minimalist design theme of the series remains seamless and consistent across. The inherent deep baffle design and a low UGR (Unified Glare Rating) help enhance the visual clarity and provide comfortable aesthetics in the living spaces.

THE OXFORD SERIES: MODULARIZATION CONCEPT



LIGHT ENGINE



Heat Sink

Absorbs the heat generated by the lighting engine and then dissipates this heat into the surrounding ambient air.

LED Holder with LED Chip

Designed to mount the LED onto the fixture and to integrate it into the circuit

Lens

Amplifies the light effect

Rubber Gasket

Prevents proliferation of moisture and dust particles

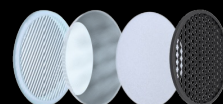


Lens Protector

Protects the lens from scratches and smudges ensuring an unhindered light output.

Glare Reduction Add-ons

Different louvers help achieve different light effects. They help reduce the glare and diffuse the beam angle.



HOUSING

Dissipates the heat that is emitted by the light engine and provides protection to the luminaire



Fixed Tilttable Wall Wash



MOUNTING BRACKET

Provides support to attach the luminaire to the false ceiling structure

Trim



Trimless



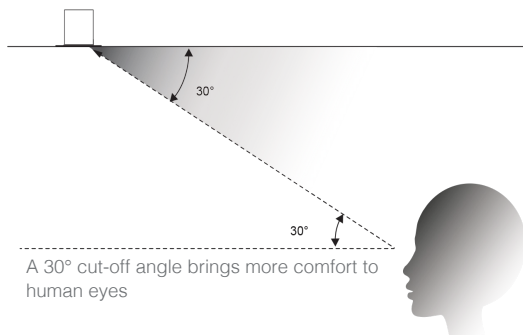
THE OXFORD SERIES: FEATURES

1. Modularization concept:

The Oxford series delivers flexibility and a variety of options for the customer to choose from. The ordering process involves building on the light engine as per installation preference which not only provides customization but also ensures ease in stock keeping and management. Mentioned below are all the choices a customer can detail to arrive at a solution tailored to his / her specific requirements.

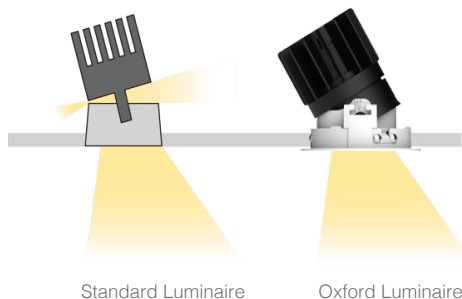
Types:	Spotlight, downlight and wall washers
Wattage options:	10 W and 12 W
Beam angles:	20°, 30°, 40°, and 50° (for 10W) 30°, 47°, 57° (for 12W)
Shape of the luminaire:	Round and Square
Colour of the luminaire:	Black and White
Housing types:	Fixed, tiltable and wall wash
Mounting bracket installation:	Trim and trimless
Louver options:	Stripped glass, woven glass, diffusion sheet and honeycomb
Colour temperature:	2700K, 3000K, and 4000K

2. Low glare fixture:



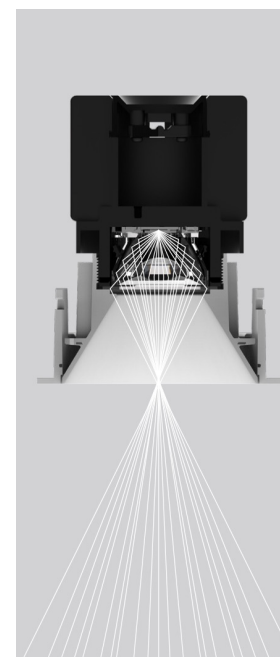
The greater the cut-off angle, the greater the visual comfort provided by the luminaire to the user due to glare* reduction. Designed with a 30° cut-off angle the luminaires from the Oxford Series ensure low glare function that helps create a soft visual effect.

*Glare is a visual sensation caused by excessive and uncontrolled brightness at the light source.



4. Reduces light leakage:

The tiltable luminaires from this series are constructed in a way that they prevent any kind of light leakage when in the tilt position. This ensures complete and uniform light output.



3. Deep baffle design:

The deep baffle design of the Oxford luminaires helps reduce glare. Additionally, they are equipped with special lenses that provide multiple internal reflection points that ensure an evenly spread beam angle towards the centre.

5. Unified Glare Rating (UGR) <20:

The lower the UGR rating, the lower the glare. In order to achieve comfortable illumination in your living spaces, the UGR of the luminaires is recommended to be below 20 which is possible to achieve with the Oxford Series.

UGR values range from 40 (extremely high glare) to 5 (very low glare).



THE OXFORD SERIES: FEATURES



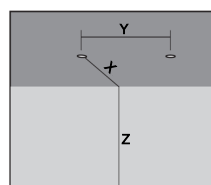
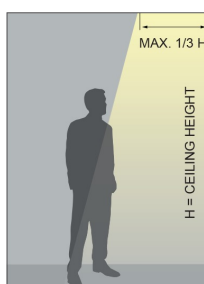
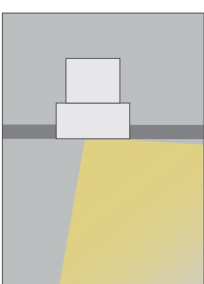
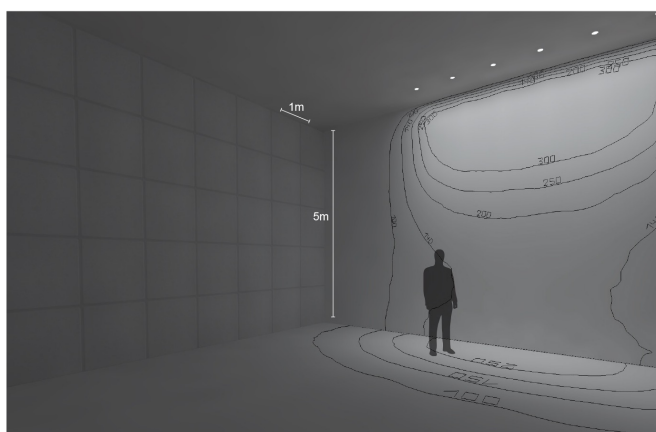
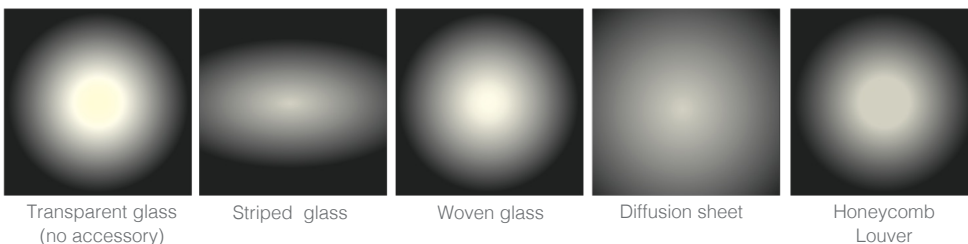
6. Easy assembly:

The luminaires from the Oxford Series follow the concept of plug-and-play and can be installed quickly and completely tool-free. Attach the mounting bracket to the false ceiling till the interior construction / renovation goes on. Once completed, simply connect the assembled luminaire to the driver lead and fix it into the mounting bracket.



7. Glare reduction additions:

With numerous louver options to choose from, Oxford adds more flexibility and freedom for the lighting designer. The Honeycomb louver reduces glare; strip glass creates oval distribution; diffusion sheet & woven glass soften and spread the light.



RECOMMENDED
DISTANCES (Meter)
X : Y : Z 0.75 : 5 : 0.75 (m)

8. Wall washers

Oxford wall washers enable even illumination on the target wall without creating shadows. What needs to be taken into consideration for a clean light output is the distance of the wall washer from the wall (X) and the distance between two wall washers (Y). For Oxford, the recommended distance between X, Z and Y is **0.75: 5: 0.75**

The special housing of these luminaires not only broadens the illumination effect with a seamless light flow but also makes the entire area brighter. They are designed not just to lighten up the wall but also the floors, which sets the wall washers from this range apart from those available in the market. The reflecting component in the housing ensures minimal loss of light output ensuring a uniform throw onto the wall and floor.

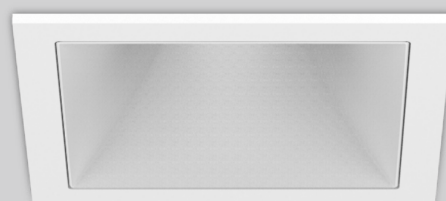
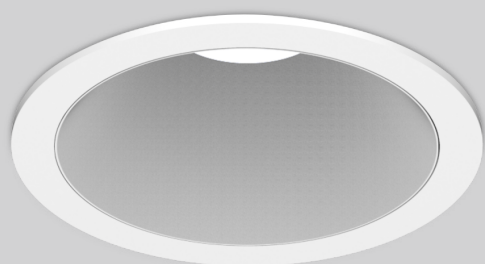
X : Height from wall washer to the wall
Y : Distance between two wall washers
Z : Ceiling height

THE OXFORD SERIES: DECODING THE NOMENCLATURE

OXFORD	10W	.3A	TLT	RD	TR	30°	30K	WH
--------	-----	-----	-----	----	----	-----	-----	----

1 2 3 4 5 6 7 8

Number	Category	Abbreviation	Possibilities
1.	Output	W	10W 12W
2.	Current	.3A .25A	300mA 250mA
3.	Housing Type	TLT DL WW	Tilt Fixed Downlight Wall Washer
4.	Shape	RD SQ	Round Square
5.	Mounting Bracket Type	TR TL	Trim Trimless
6.	Beam Angle	°	20°, 30°, 40°, 50° (for 10 W) 30°, 47°, 57° (for 12W)
7.	Colour Temperature	27K 30K 40K	2700K 3000K 4000K
8.	Finish	WH BLK	White Black

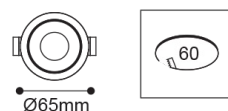
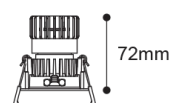


THE OXFORD SERIES: RANGE SPECIFICATIONS

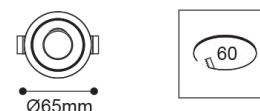
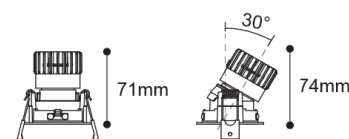
RECESSED SPOTLIGHTS / DOWNLIGHTS WITH TRIM MOUNTING BRACKET - ROUND

10 W


Housing type:	Fixed
Description:	Oxford 10W.25A RD TR
Wattage:	10 W
Current:	250 mA
Colour temperature:	2700K,3000K,4000K
CRI:	95
Ambient temperature:	45°
Beam angle:	20°, 30°, 40°, 50°
Material:	Die Cast Aluminum
Finish:	Black and white
Lumen Output (at luminaire)	67 lm/W
Average rated life:	> 60,000 hrs.
Degree of protection:	IP44
Certification:	BIS (Bureau of Indian Standards)
Indoor Application:	Bedrooms, living rooms, galleries, conference rooms, restaurants, hotel rooms
Add-on Accessories (to be ordered separately):	Stripped glass, honeycomb louver, diffusion sheet, woven glass



Housing type:	Tiltable
Description:	Oxford 10W.25A TLT RD TR
Wattage:	10 W
Current:	250 mA
Colour temperature:	2700K,3000K,4000K
CRI:	95
Ambient temperature:	45°
Beam angle:	20°, 30°, 40°, 50°
Material:	Die Cast Aluminum
Finish:	Black and white
Lumen Output (at luminaire)	67 lm/W
Average rated life:	> 60,000 hrs.
Degree of protection:	IP44
Certification:	BIS (Bureau of Indian Standards)
Indoor Application:	Bedrooms, living rooms, galleries, conference rooms, restaurants, hotel rooms
Add-on Accessories (to be ordered separately):	Stripped glass, honeycomb louver, diffusion sheet, woven glass



1. 10W Light Engine

CCT	Beam Angle			
	20°	30°	40°	50°
2700 K	833.30.000	833.30.004	833.30.008	833.30.012
3000 K	833.30.001	833.30.005	833.30.009	833.30.013
4000 K	833.30.002	833.30.006	833.30.010	833.30.014

2. 10W Fixed Housing – Round

Finish	Article No.
White	833.30.028
Black	833.30.029

3. 10W Trim Mounting Bracket – Round

Finish	Article No.
White	833.30.036
Black	833.30.037

1. 10W Light Engine

CCT	Beam Angle			
	20°	30°	40°	50°
2700 K	833.30.000	833.30.004	833.30.008	833.30.012
3000 K	833.30.001	833.30.005	833.30.009	833.30.013
4000 K	833.30.002	833.30.006	833.30.010	833.30.014

2. 10W Tiltable Housing – Round

Finish	Article No.
White	833.30.032
Black	833.30.033

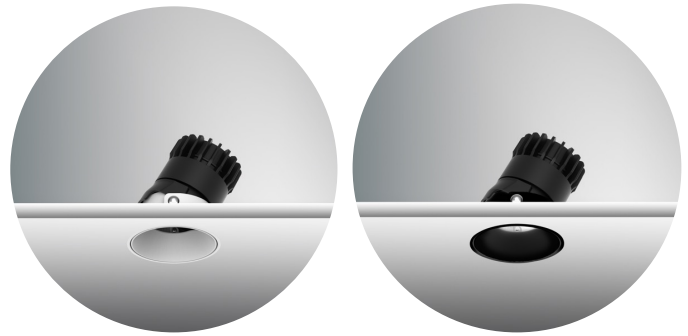
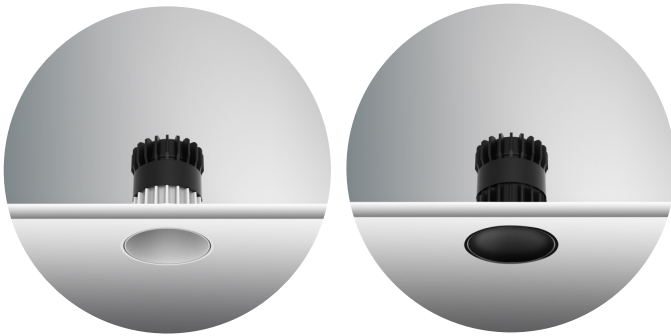
3. 10W Trim Mounting Bracket – Round

Finish	Article No.
White	833.30.036
Black	833.30.037

THE OXFORD SERIES: RANGE SPECIFICATIONS

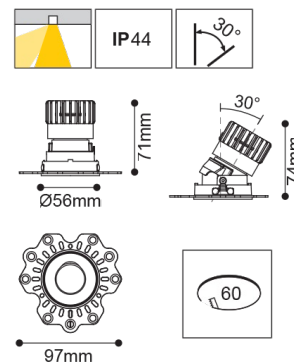
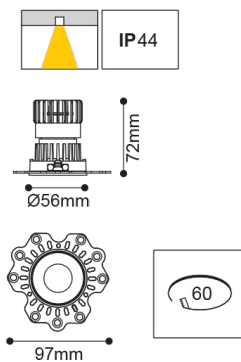
RECESSED SPOTLIGHTS / DOWNLIGHTS WITH TRIMLESS MOUNTING BRACKET - ROUND

10 W



Housing type:	Fixed
Description:	Oxford 10W.25A RD TL
Wattage:	10 W
Current:	250 mA
Colour temperature:	2700K,3000K,4000K
CRI:	95
Ambient temperature:	45°
Beam angle:	20°, 30°, 40°, 50°
Material:	Die Cast Aluminum
Finish:	Black and white
Lumen Output (at luminaire)	67 lm/W
Average rated life:	> 60,000 hrs.
Degree of protection:	IP44
Certification:	BIS (Bureau of Indian Standards)
Indoor Application:	Bedrooms, living rooms, galleries, conference rooms, restaurants, hotel rooms
Add-on Accessories (to be ordered separately):	Stripped glass, honeycomb louver, diffusion sheet, woven glass

Housing type:	Tiltable
Description:	Oxford 10W.25A TLT RD TL
Wattage:	10 W
Current:	250 mA
Colour temperature:	2700K,3000K,4000K
CRI:	95
Ambient temperature:	45°
Beam angle:	20°, 30°, 40°, 50°
Material:	Die Cast Aluminum
Finish:	Black and white
Lumen Output (at luminaire)	67 lm/W
Average rated life:	> 60,000 hrs.
Degree of protection:	IP44
Certification:	BIS (Bureau of Indian Standards)
Indoor Application:	Bedrooms, living rooms, galleries, conference rooms, restaurants, hotel rooms
Add-on Accessories (to be ordered separately):	Stripped glass, honeycomb louver, diffusion sheet, woven glass



1. 10W Light Engine				
CCT	Beam Angle			
	20°	30°	40°	50°
2700 K	833.30.000	833.30.004	833.30.008	833.30.012
3000 K	833.30.001	833.30.005	833.30.009	833.30.013
4000 K	833.30.002	833.30.006	833.30.010	833.30.014

1. 10W Light Engine				
CCT	Beam Angle			
	20°	30°	40°	50°
2700 K	833.30.000	833.30.004	833.30.008	833.30.012
3000 K	833.30.001	833.30.005	833.30.009	833.30.013
4000 K	833.30.002	833.30.006	833.30.010	833.30.014

2. 10W Fixed Housing – Round	
Finish	Article No.
White	833.30.028
Black	833.30.029

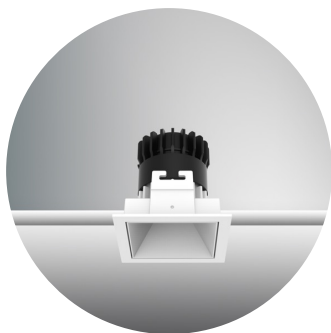
3. 10W Trim Mounting Bracket – Round	
Finish	Article No.
White	833.30.036
Black	833.30.037

2. 10W Tiltable Housing – Round	
Finish	Article No.
White	833.30.032
Black	833.30.033

3. 10W Trim Mounting Bracket – Round	
Finish	Article No.
White	833.30.036
Black	833.30.037

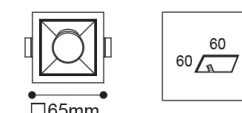
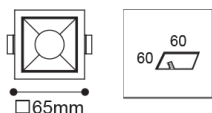
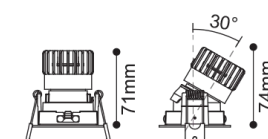
THE OXFORD SERIES: RANGE SPECIFICATIONS

RECESSED SPOTLIGHTS / DOWNLIGHTS WITH TRIM MOUNTING BRACKET - SQUARE

10 W


Housing type:	Fixed
Description:	Oxford 10W.25A SQ TR
Wattage:	10 W
Current:	250 mA
Colour temperature:	2700K, 3000K, 4000K
CRI:	95
Ambient temperature:	45°
Beam angle:	20°, 30°, 40°, 50°
Material:	Die Cast Aluminum
Finish:	Black and white
Lumen Output (at luminaire)	67 lm/W
Average rated life:	> 60,000 hrs.
Degree of protection:	IP44
Certification:	BIS (Bureau of Indian Standards)
Indoor Application:	Bedrooms, living rooms, galleries, conference rooms, restaurants, hotel rooms
Add-on Accessories (to be ordered separately):	Stripped glass, honeycomb louver, diffusion sheet, woven glass

Housing type:	Tiltable
Description:	Oxford 10W.25A TLT SQ TR
Wattage:	10 W
Current:	250 mA
Colour temperature:	2700K, 3000K, 4000K
CRI:	95
Ambient temperature:	45°
Beam angle:	20°, 30°, 40°, 50°
Material:	Die Cast Aluminum
Finish:	Black and white
Lumen Output (at luminaire)	67 lm/W
Average rated life:	> 60,000 hrs.
Degree of protection:	IP44
Certification:	BIS (Bureau of Indian Standards)
Indoor Application:	Bedrooms, living rooms, galleries, conference rooms, restaurants, hotel rooms
Add-on Accessories (to be ordered separately):	Stripped glass, honeycomb louver, diffusion sheet, woven glass



1. 10W Light Engine

CCT	Beam Angle			
	20°	30°	40°	50°
2700 K	833.30.000	833.30.004	833.30.008	833.30.012
3000 K	833.30.001	833.30.005	833.30.009	833.30.013
4000 K	833.30.002	833.30.006	833.30.010	833.30.014

1. 10W Light Engine

CCT	Beam Angle			
	20°	30°	40°	50°
2700 K	833.30.000	833.30.004	833.30.008	833.30.012
3000 K	833.30.001	833.30.005	833.30.009	833.30.013
4000 K	833.30.002	833.30.006	833.30.010	833.30.014

2. 10W Fixed Housing - Square

Finish	Article No.
White	833.30.030
Black	833.30.031

3. 10W Trim Mounting Bracket - Square

Finish	Article No.
White	833.30.040
Black	833.30.041

2. 10W Tiltable Housing - Square

Finish	Article No.
White	833.30.034
Black	833.30.035

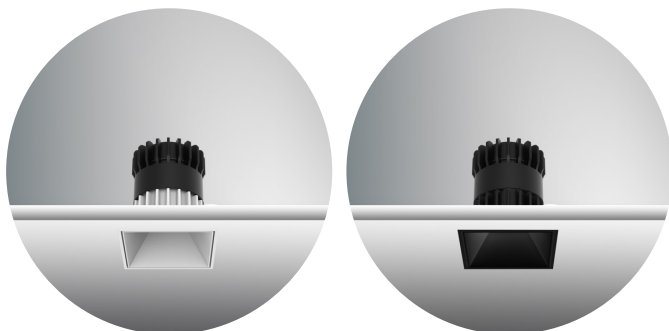
3. 10W Trim Mounting Bracket - Square

Finish	Article No.
White	833.30.040
Black	833.30.041

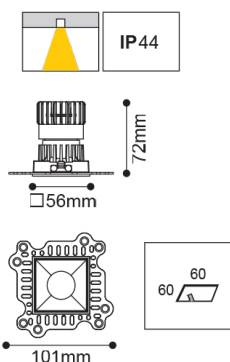
THE OXFORD SERIES: RANGE SPECIFICATIONS

RECESSED SPOTLIGHTS / DOWNLIGHTS WITH TRIMLESS MOUNTING BRACKET - SQUARE

10 W



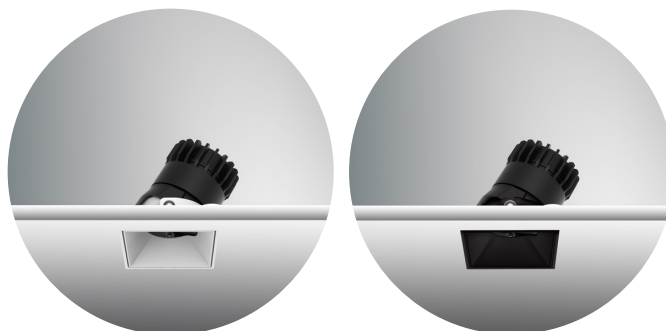
Housing type:	Fixed
Description:	Oxford 10W.25A SQ TL
Wattage:	10 W
Current:	250 mA
Colour temperature:	2700K,3000K,4000K
CRI:	95
Ambient temperature:	45°
Beam angle:	20°, 30°, 40°, 50°
Material:	Die Cast Aluminum
Finish:	Black and white
Lumen Output (at luminaire)	67 lm/W
Average rated life:	> 60,000 hrs.
Degree of protection:	IP44
Certification:	BIS (Bureau of Indian Standards)
Indoor Application:	Bedrooms, living rooms, galleries, conference rooms, restaurants, hotel rooms
Add-on Accessories (to be ordered separately):	Stripped glass, honeycomb louver, diffusion sheet, woven glass



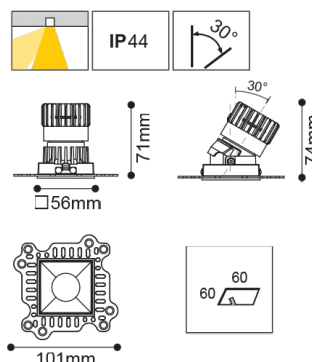
1. 10W Light Engine				
CCT	Beam Angle			
	20°	30°	40°	50°
2700 K	833.30.000	833.30.004	833.30.008	833.30.012
3000 K	833.30.001	833.30.005	833.30.009	833.30.013
4000 K	833.30.002	833.30.006	833.30.010	833.30.014

2. 10W Fixed Housing - Square	
Finish	Article No.
White	833.30.030
Black	833.30.031

3. 10W Trim Mounting Bracket – Square	
Finish	Article No.
White	833.30.040
Black	833.30.041



Housing type:	Tiltable
Description:	Oxford 10W.25A TLT SQ TL
Wattage:	10 W
Current:	250 mA
Colour temperature:	2700K,3000K,4000K
CRI:	95
Ambient temperature:	45°
Beam angle:	20°, 30°, 40°, 50°
Material:	Die Cast Aluminum
Finish:	Black and white
Lumen Output (at luminaire)	67 lm/W
Average rated life:	> 60,000 hrs.
Degree of protection:	IP44
Certification:	BIS (Bureau of Indian Standards)
Indoor Application:	Bedrooms, living rooms, galleries, conference rooms, restaurants, hotel rooms
Add-on Accessories (to be ordered separately):	Stripped glass, honeycomb louver, diffusion sheet, woven glass



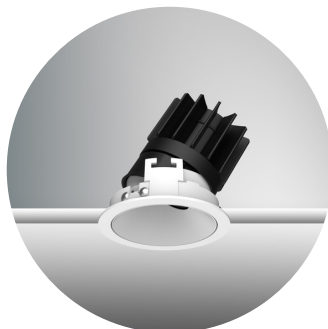
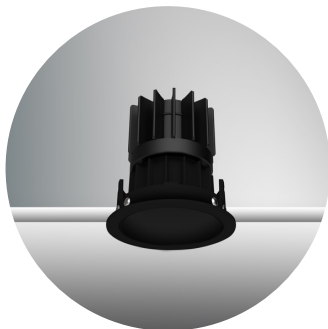
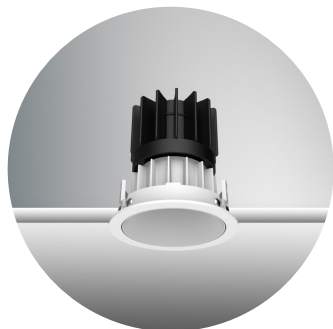
1. 10W Light Engine				
CCT	Beam Angle			
	20°	30°	40°	50°
2700 K	833.30.000	833.30.004	833.30.008	833.30.012
3000 K	833.30.001	833.30.005	833.30.009	833.30.013
4000 K	833.30.002	833.30.006	833.30.010	833.30.014

2. 10W Tiltable Housing – Square	
Finish	Article No.
White	833.30.034
Black	833.30.035

3. 10W Trim Mounting Bracket – Square	
Finish	Article No.
White	833.30.040
Black	833.30.041

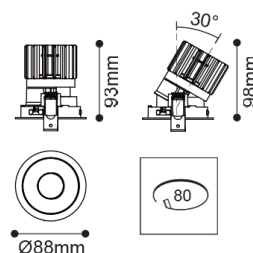
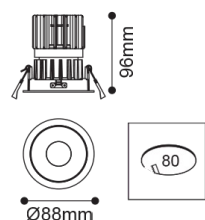
THE OXFORD SERIES: RANGE SPECIFICATIONS

RECESSED SPOTLIGHTS / DOWNLIGHTS WITH TRIM MOUNTING BRACKET - ROUND

12 W


Housing type:	Fixed
Description:	Oxford 12W.3A RD TR
Wattage:	12 W
Current:	300 mA
Colour temperature:	2700K, 3000K, 4000K
CRI:	95
Ambient temperature:	45°
Beam angle:	30°, 47°, 57°
Material:	Die Cast Aluminum
Finish:	Black and white
Lumen Output (at luminaire)	83 lm/W
Average rated life:	> 60,000 hrs.
Degree of protection:	IP44
Certification:	BIS (Bureau of Indian Standards)
Indoor Application:	Bedrooms, living rooms, galleries, conference rooms, restaurants, hotel rooms
Add-on Accessories (to be ordered separately):	Stripped glass, honeycomb louver, diffusion sheet, woven glass

Housing type:	Tiltable
Description:	Oxford 12W.3A TLT RD TR
Wattage:	12 W
Current:	300 mA
Colour temperature:	2700K, 3000K, 4000K
CRI:	95
Ambient temperature:	45°
Beam angle:	30°, 47°, 57°
Material:	Die Cast Aluminum
Finish:	Black and white
Lumen Output (at luminaire)	83 lm/W
Average rated life:	> 60,000 hrs.
Degree of protection:	IP44
Certification:	BIS (Bureau of Indian Standards)
Indoor Application:	Bedrooms, living rooms, galleries, conference rooms, restaurants, hotel rooms
Add-on Accessories (to be ordered separately):	Stripped glass, honeycomb louver, diffusion sheet, woven glass



1. 12W Light Engine

CCT	Beam Angle		
	30°	47°	57°
2700 K	833.30.016	833.30.020	833.30.024
3000 K	833.30.017	833.30.021	833.30.025
4000 K	833.30.018	833.30.022	833.30.026

1. 12W Light Engine

CCT	Beam Angle		
	30°	47°	57°
2700 K	833.30.016	833.30.020	833.30.024
3000 K	833.30.017	833.30.021	833.30.025
4000 K	833.30.018	833.30.022	833.30.026

2. 12W Fixed Housing - Round

Finish	Article No.
White	833.30.044
Black	833.30.045

3. 12W Trim Mounting Bracket - Round

Finish	Article No.
White	833.30.052
Black	833.30.053

2. 12W Tiltable Housing - Round

Finish	Article No.
White	833.30.048
Black	833.30.049

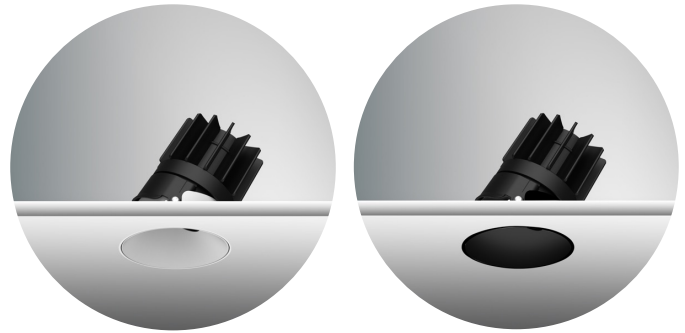
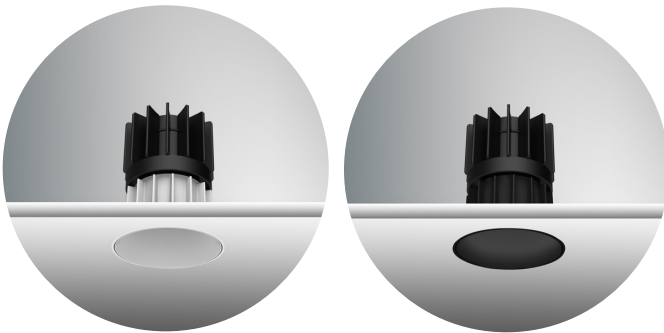
3. 12W Trim Mounting Bracket - Round

Finish	Article No.
White	833.30.052
Black	833.30.053

THE OXFORD SERIES: RANGE SPECIFICATIONS

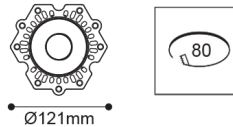
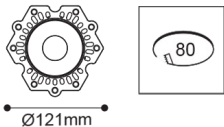
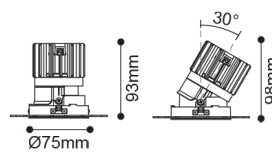
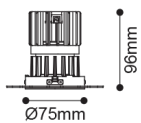
RECESSED SPOTLIGHTS / DOWNLIGHTS WITH TRIMLESS MOUNTING BRACKET - ROUND

12 W



Housing type:	Fixed
Description:	Oxford 12W.3A RD TL
Wattage:	12 W
Current:	300 mA
Colour temperature:	2700K,3000K,4000K
CRI:	95
Ambient temperature:	45°
Beam angle:	30°, 47°, 57°
Material:	Die Cast Aluminum
Finish:	Black and white
Lumen Output (at luminaire)	83 lm/W
Average rated life:	> 60,000 hrs.
Degree of protection:	IP44
Certification:	BIS (Bureau of Indian Standards)
Indoor Application:	Bedrooms, living rooms, galleries, conference rooms, restaurants, hotel rooms
Add-on Accessories (to be ordered separately):	Stripped glass, honeycomb louver, diffusion sheet, woven glass

Housing type:	Tiltable
Description:	Oxford 12W.3A TLT RD TL
Wattage:	12 W
Current:	300 mA
Colour temperature:	2700K,3000K,4000K
CRI:	95
Ambient temperature:	45°
Beam angle:	30°, 47°, 57°
Material:	Die Cast Aluminum
Finish:	Black and white
Lumen Output (at luminaire)	83 lm/W
Average rated life:	> 60,000 hrs.
Degree of protection:	IP44
Certification:	BIS (Bureau of Indian Standards)
Indoor Application:	Bedrooms, living rooms, galleries, conference rooms, restaurants, hotel rooms
Add-on Accessories (to be ordered separately):	Stripped glass, honeycomb louver, diffusion sheet, woven glass



1. 12W Light Engine

CCT	Beam Angle		
	30°	47°	57°
2700 K	833.30.016	833.30.020	833.30.024
3000 K	833.30.017	833.30.021	833.30.025
4000 K	833.30.018	833.30.022	833.30.026

1. 12W Light Engine

CCT	Beam Angle		
	30°	47°	57°
2700 K	833.30.016	833.30.020	833.30.024
3000 K	833.30.017	833.30.021	833.30.025
4000 K	833.30.018	833.30.022	833.30.026

2. 12W Fixed Housing - Round

Finish	Article No.
White	833.30.044
Black	833.30.045

3. 12W Trim Mounting Bracket - Round

Finish	Article No.
White	833.30.052
Black	833.30.053

2. 12W Tiltable Housing - Round

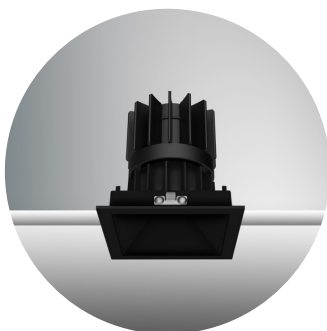
Finish	Article No.
White	833.30.048
Black	833.30.049

3. 12W Trim Mounting Bracket - Round

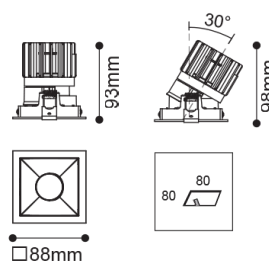
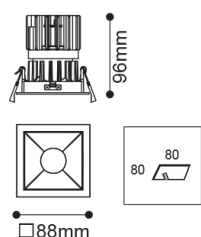
Finish	Article No.
White	833.30.052
Black	833.30.053

THE OXFORD SERIES: RANGE SPECIFICATIONS

RECESSED SPOTLIGHTS / DOWNLIGHTS WITH TRIM MOUNTING BRACKET - SQUARE

12 W


Housing type:	Fixed
Description:	Oxford 12W.3A SQ TR
Wattage:	12 W
Current:	300 mA
Colour temperature:	2700K, 3000K, 4000K
CRI:	95
Ambient temperature:	45°
Beam angle:	30°, 47°, 57°
Material:	Die Cast Aluminum
Finish:	Black and white
Lumen Output (at luminaire)	83 lm/W
Average rated life:	> 60,000 hrs.
Degree of protection:	IP44
Certification:	BIS (Bureau of Indian Standards)
Indoor Application:	Bedrooms, living rooms, galleries, conference rooms, restaurants, hotel rooms
Add-on Accessories (to be ordered separately):	Stripped glass, honeycomb louver, diffusion sheet, woven glass



1. 12W Light Engine

CCT	Beam Angle		
	30°	47°	57°
2700 K	833.30.016	833.30.020	833.30.024
3000 K	833.30.017	833.30.021	833.30.025
4000 K	833.30.018	833.30.022	833.30.026

2. 12W Fixed Housing – Square

Finish	Article No.
White	833.30.046
Black	833.30.047

3. 12W Trim Mounting Bracket – Square

Finish	Article No.
White	833.30.056
Black	833.30.057

1. 12W Light Engine

CCT	Beam Angle		
	30°	47°	57°
2700 K	833.30.016	833.30.020	833.30.024
3000 K	833.30.017	833.30.021	833.30.025
4000 K	833.30.018	833.30.022	833.30.026

2. 12W Tiltable Housing – Square

Finish	Article No.
White	833.30.050
Black	833.30.051

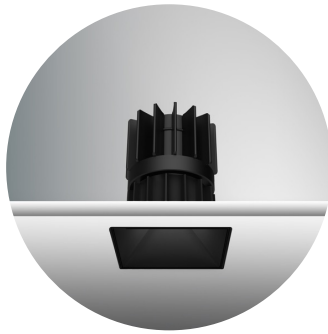
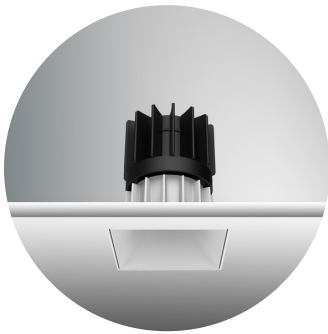
3. 12W Trim Mounting Bracket – Square

Finish	Article No.
White	833.30.056
Black	833.30.057

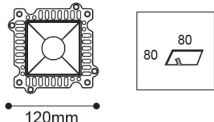
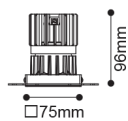
THE OXFORD SERIES: RANGE SPECIFICATIONS

RECESSED SPOTLIGHTS / DOWNLIGHTS WITH TRIMLESS MOUNTING BRACKET - SQUARE

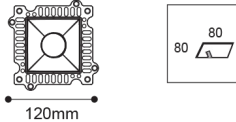
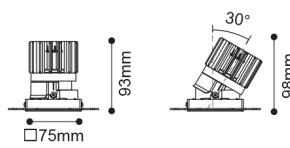
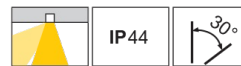
12 W



Housing type:	Fixed
Description:	Oxford 12W.3A SQ TL
Wattage:	12 W
Current:	300 mA
Colour temperature:	2700K,3000K,4000K
CRI:	95
Ambient temperature:	45°
Beam angle:	30°, 47°, 57°
Material:	Die Cast Aluminum
Finish:	Black and white
Lumen Output (at luminaire)	83 lm/W
Average rated life:	> 60,000 hrs.
Degree of protection:	IP44
Certification:	BIS (Bureau of Indian Standards)
Indoor Application:	Bedrooms, living rooms, galleries, conference rooms, restaurants, hotel rooms
Add-on Accessories (to be ordered separately):	Stripped glass, honeycomb louver, diffusion sheet, woven glass



Housing type:	Tiltable
Description:	Oxford 12W.3A TLT SQ TL
Wattage:	12 W
Current:	300 mA
Colour temperature:	2700K,3000K,4000K
CRI:	95
Ambient temperature:	45°
Beam angle:	30°, 47°, 57°
Material:	Die Cast Aluminum
Finish:	Black and white
Lumen Output (at luminaire)	83 lm/W
Average rated life:	> 60,000 hrs.
Degree of protection:	IP44
Certification:	BIS (Bureau of Indian Standards)
Indoor Application:	Bedrooms, living rooms, galleries, conference rooms, restaurants, hotel rooms
Add-on Accessories (to be ordered separately):	Stripped glass, honeycomb louver, diffusion sheet, woven glass



1. 12W Light Engine

CCT	Beam Angle		
	30°	47°	57°
2700 K	833.30.016	833.30.020	833.30.024
3000 K	833.30.017	833.30.021	833.30.025
4000 K	833.30.018	833.30.022	833.30.026

2. 12W Fixed Housing – Square

Finish	Article No.
White	833.30.046
Black	833.30.047

3. 12W Trim Mounting Bracket – Square

Finish	Article No.
White	833.30.056
Black	833.30.057

1. 12W Light Engine

CCT	Beam Angle		
	30°	47°	57°
2700 K	833.30.016	833.30.020	833.30.024
3000 K	833.30.017	833.30.021	833.30.025
4000 K	833.30.018	833.30.022	833.30.026

2. 12W Tiltable Housing – Square

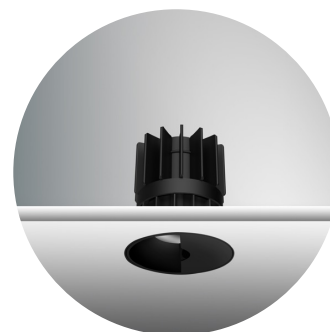
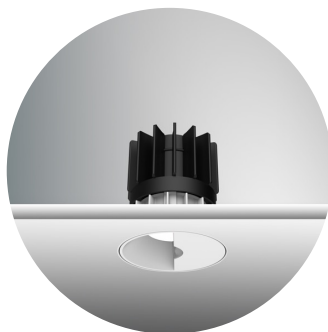
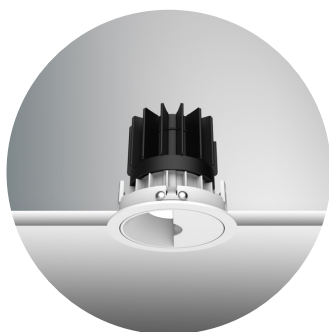
Finish	Article No.
White	833.30.050
Black	833.30.051

3. 12W Trim Mounting Bracket – Square

Finish	Article No.
White	833.30.056
Black	833.30.057

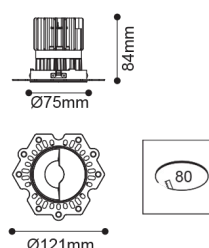
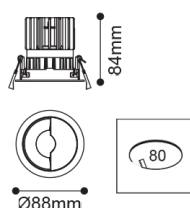
THE OXFORD SERIES: RANGE SPECIFICATIONS

RECESSED WALL WASHERS WITH FIXED HOUSING - ROUND

12 W


Mounting bracket type:	Trim
Description:	Oxford WW 12W.3A RD TR
Wattage:	12 W
Current:	300 mA
Colour temperature:	2700K,3000K,4000K
CRI:	95
Ambient temperature:	45°
Material:	Die Cast Aluminum
Finish:	Black and white
Lumen Output (at luminaire)	83 lm/W
Average rated life:	> 60,000 hrs.
Degree of protection:	IP44
Certification:	BIS (Bureau of Indian Standards)
Indoor Application:	Bedrooms, living rooms, galleries, conference rooms, restaurants, hotel rooms
Add-on Accessories (to be ordered separately):	Stripped glass, honeycomb louver, diffusion sheet, woven glass

Mounting bracket type:	Trimless
Description:	Oxford WW 12W.3A RD TL
Wattage:	12 W
Current:	300 mA
Colour temperature:	2700K,3000K,4000K
CRI:	95
Ambient temperature:	45°
Material:	Die Cast Aluminum
Finish:	Black and white
Lumen Output (at luminaire)	83 lm/W
Average rated life:	> 60,000 hrs.
Degree of protection:	IP44
Certification:	BIS (Bureau of Indian Standards)
Indoor Application:	Bedrooms, living rooms, galleries, conference rooms, restaurants, hotel rooms
Add-on Accessories (to be ordered separately):	Stripped glass, honeycomb louver, diffusion sheet, woven glass



1. 12W Wall Washer Light Engine

CCT	Article No.
2700 K	833.30.072
3000 K	833.30.073
4000 K	833.30.074

1. 12W Wall Washer Light Engine

CCT	Article No.
2700 K	833.30.072
3000 K	833.30.073
4000 K	833.30.074

2. 12W Fixed Wall Washer Housing – Round

Finish	Article No.
White	833.30.060
Black	833.30.061

3. 12W Trim Mounting Bracket – Round

Finish	Article No.
White	833.30.052
Black	833.30.053

2. 12W Fixed Wall Washer Housing – Round

Finish	Article No.
White	833.30.060
Black	833.30.061

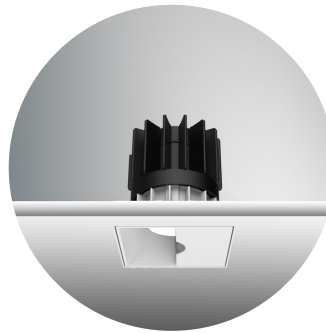
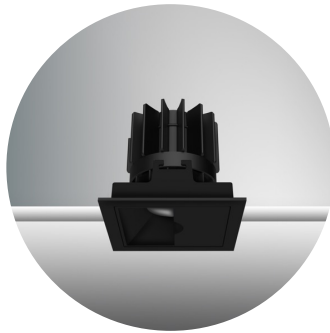
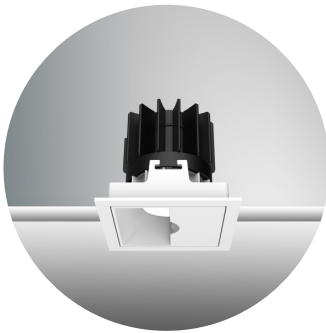
3. 12W Trimless Mounting Bracket – Round

Finish	Article No.
White	833.30.054
Black	833.30.055

THE OXFORD SERIES: RANGE SPECIFICATIONS

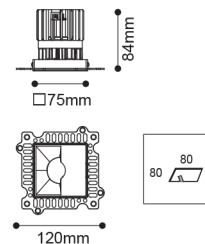
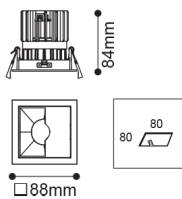
RECESSED WALL WASHERS WITH FIXED HOUSING - SQUARE

12 W



Mounting bracket type:	Trim
Description:	Oxford WW 12W.3A SQ TR
Wattage:	12 W
Current:	300 mA
Colour temperature:	2700K,3000K,4000K
CRI:	95
Ambient temperature:	45°
Material:	Die Cast Aluminum
Finish:	Black and white
Lumen Output (at luminaire)	83 lm/W
Average rated life:	> 60,000 hrs.
Degree of protection:	IP44
Certification:	BIS (Bureau of Indian Standards)
Indoor Application:	Bedrooms, living rooms, galleries, conference rooms, restaurants, hotel rooms
Add-on Accessories (to be ordered separately):	Stripped glass, honeycomb louver, diffusion sheet, woven glass

Mounting bracket type:	Trimless
Description:	Oxford WW 12W.3A SQ TL
Wattage:	12 W
Current:	300 mA
Colour temperature:	2700K,3000K,4000K
CRI:	95
Ambient temperature:	45°
Material:	Die Cast Aluminum
Finish:	Black and white
Lumen Output (at luminaire)	83 lm/W
Average rated life:	> 60,000 hrs.
Degree of protection:	IP44
Certification:	BIS (Bureau of Indian Standards)
Indoor Application:	Bedrooms, living rooms, galleries, conference rooms, restaurants, hotel rooms
Add-on Accessories (to be ordered separately):	Stripped glass, honeycomb louver, diffusion sheet, woven glass



1. 12W Wall Washer Light Engine

CCT	Article No.
2700 K	833.30.072
3000 K	833.30.073
4000 K	833.30.074

1. 12W Wall Washer Light Engine

CCT	Article No.
2700 K	833.30.072
3000 K	833.30.073
4000 K	833.30.074

2. 12W Fixed Wall Washer Housing - Square

Finish	Article No.
White	833.30.062
Black	833.30.063

3. 12W Trim Mounting Bracket - Square

Finish	Article No.
White	833.30.056
Black	833.30.057

2. 12W Fixed Wall Washer Housing - Square

Finish	Article No.
White	833.30.062
Black	833.30.063

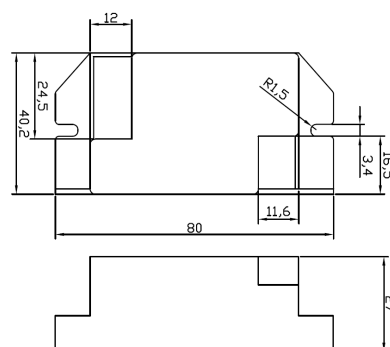
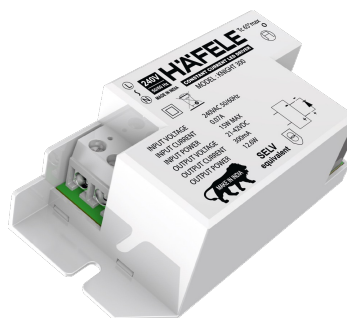
3. 12W Trimless Mounting Bracket - Square

Finish	Article No.
White	833.30.058
Black	833.30.059

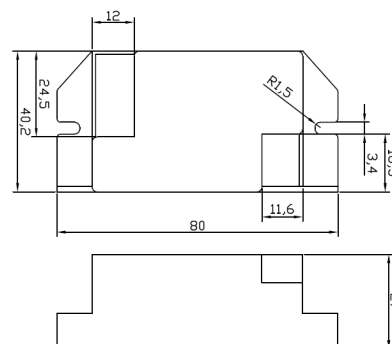
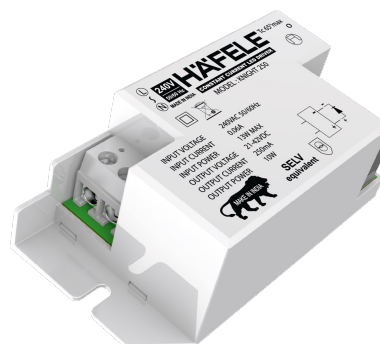
THE OXFORD SERIES: DRIVERS

KNIGHT 300 SINGLE CURRENT DRIVER, 300mA

- SELV equivalent
- Suitable for Class II fixtures
- Flicker-free output
- Suitable for dry location
- Average rated life: 30,000 hrs.
- Sustains at 320 Vac for 48 hrs. and 360 Vac for 2 hrs.



Technical Specifications	
Article No.	833.30.971
Input Voltage	240VAC 50/60Hz
Input Current	0.07A
Input Power	15W Max
Output Voltage	21 – 42 VDC
Output Current	300mA
Output Power	12.6W



KNIGHT 250 SINGLE CURRENT DRIVER, 250mA

- SELV equivalent
- Suitable for Class II fixtures
- Flicker-free output
- Overload and short circuit protection
- Average rated life: 30,000 hrs.
- Sustains at 320 Vac for 48 hrs. and 360 Vac for 2 hrs.

Technical Specifications	
Article No.	833.30.974
Input Voltage	240VAC 50/60Hz
Input Current	0.06A
Input Power	13W Max
Output Voltage	21 – 42 VDC
Output Current	250mA
Output Power	10W

Note:

1. You can order either of the drivers by checking the suitable current ratings.
2. The Oxford downlights, spotlights and wall washers allow automation by connecting to Dali compatible drivers. If you have a requirement for automation, you can contact your Hafele sales representative for more details.

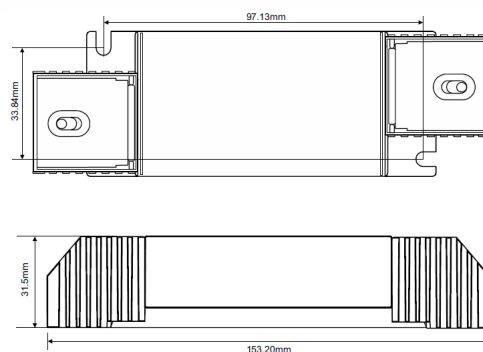
THE OXFORD SERIES: DRIVERS

DUKE 500 MULTI-CURRENT DRIVER, 250mA,350mA,450mA,500mA

- SELV equivalent
- CE compliant
- Suitable for Class II fixtures
- Flicker-free output
- Overload and short circuit protection
- Input over-voltage & under voltage protection
- Average rated life: 50,000 hrs.
- Sustains at 440Vac for 48 hrs.



Technical Specifications	
Article No.	833.30.973
Input Voltage	240VAC 50Hz
Input Current	0.11A Max
Input Power	26W Max
Power Factor	>0.95
ATHD	<10%
Output Voltage	33 – 43 VDC
Output Current	500mA
Output Power	22W
Operating Temp.	-20°C to 50°C
No. of Channels	1 Channel


Note:

1. You can order the Knight Series or the Duke Series drivers, as per your requirement, by checking the suitable current ratings.
2. For Duke drivers: Please set the dip switch setting as indicated on the driver to activate the desired current rating out of the 4 options available
3. The Oxford downlights, spotlights and wall washers allow automation by connecting to Dali compatible drivers. If you have a requirement for automation, you can contact your Hafele sales representative for more details.

THE OXFORD SERIES: ORDERING INFORMATION

1. LIGHT ENGINE

Article No.	Wattage	Current	Beam Angle	Colour Temperature	Dimensions (mm)
833.30.000	10W	250 m A	20°	2700	Dia 47 x H 49
833.30.001	10W	250 m A	20°	3000	Dia 47 x H 49
833.30.002	10W	250 m A	20°	4000	Dia 47 x H 49
833.30.004	10W	250 m A	30°	2700	Dia 47 x H 49
833.30.005	10W	250 m A	30°	3000	Dia 47 x H 49
833.30.006	10W	250 m A	30°	4000	Dia 47 x H 49
833.30.008	10W	250 m A	40°	2700	Dia 47 x H 49
833.30.009	10W	250 m A	40°	3000	Dia 47 x H 49
833.30.010	10W	250 m A	40°	4000	Dia 47 x H 49
833.30.012	10W	250 m A	50°	2700	Dia 47 x H 49
833.30.013	10W	250 m A	50°	3000	Dia 47 x H 49
833.30.014	10W	250 m A	50°	4000	Dia 47 x H 49
833.30.016	12W	300 m A	30°	2700	Dia 65 x H 69
833.30.017	12W	300 m A	30°	3000	Dia 65 x H 69
833.30.018	12W	300 m A	30°	4000	Dia 65 x H 69
833.30.020	12W	300 m A	47°	2700	Dia 65 x H 69
833.30.021	12W	300 m A	47°	3000	Dia 65 x H 69
833.30.022	12W	300 m A	47°	4000	Dia 65 x H 69
833.30.024	12W	300 m A	57°	2700	Dia 65 x H 69
833.30.025	12W	300 m A	57°	3000	Dia 65 x H 69
833.30.026	12W	300 m A	57°	4000	Dia 65 x H 69

2. HOUSING

Article No.	Wattage	Housing Type	Colour	Shape	Dimensions (mm)
833.30.028	10W	Fixed	White	Round	Dia 52 x H 35
833.30.032	10W	Tiltable	White	Round	Dia 52 x H 35
833.30.029	10W	Fixed	Black	Round	Dia 52 x H 35
833.30.033	10W	Tiltable	Black	Round	Dia 52 x H 35
833.30.030	10W	Fixed	White	Square	51 x 51 x 35
833.30.034	10W	Tiltable	White	Square	51 x 51 x 35
833.30.031	10W	Fixed	Black	Square	51 x 51 x 35
833.30.035	10W	Tiltable	Black	Square	51 x 51 x 35
833.30.044	12W	Fixed	White	Round	Dia 71 x H 43
833.30.048	12W	Tiltable	White	Round	Dia 71 x H 43
833.30.045	12W	Fixed	Black	Round	Dia 71 x H 43
833.30.049	12W	Tiltable	Black	Round	Dia 71 x H 43
833.30.046	12W	Fixed	White	Square	70 x 70 x 45
833.30.050	12W	Tiltable	White	Square	70 x 70 x 45
833.30.047	12W	Fixed	Black	Square	70 x 70 x 45
833.30.051	12W	Tiltable	Black	Square	70 x 70 x 45
833.30.060	12W	Wall Wash	White	Round	Dia 71 x H 35
833.30.062	12W	Wall Wash	White	Square	70 x 70 x 35
833.30.061	12W	Wall Wash	Black	Round	Dia 71 x H 35
833.30.063	12W	Wall Wash	Black	Square	70 x 70 x 35

THE OXFORD SERIES: ORDERING INFORMATION

3. MOUNTING BRACKET

Article No.	Wattage	Mounting Bracket Type	Colour	Shape	Dimensions (mm)
833.30.028	10W	Trim	White	Round	Dia 77 x H 51
833.30.032	10W	Trimless	White	Round	110 x 110 x 18
833.30.029	10W	Trim	Black	Round	Dia 77 x H 51
833.30.033	10W	Trimless	Black	Round	110 x 110 x 18
833.30.030	10W	Trim	White	Square	77 x 66 x 51
833.30.034	10W	Trimless	White	Square	102 x 102 x 15
833.30.031	10W	Trim	Black	Square	77 x 66 x 51
833.30.035	10W	Trimless	Black	Square	102 x 102 x 15
833.30.044	12W	Trim	White	Round	Dia 100 x H 50
833.30.048	12W	Trimless	White	Round	Dia 122 x H 18
833.30.045	12W	Trim	Black	Round	Dia 100 x H 50
833.30.049	12W	Trimless	Black	Round	Dia 122 x H 18
833.30.046	12W	Trim	White	Square	100 x 100 x 50
833.30.050	12W	Trimless	White	Square	125 x 125 x 18
833.30.047	12W	Trim	Black	Square	100 x 100 x 50
833.30.051	12W	Trimless	Black	Square	125 x 125 x 18

4. DRIVERS

Article No.	Description	Current
833.30.974	Knight 250 Constant Single Current LED Driver	250mA
833.30.972	Knight 300 Constant Current LED Driver, 300MA	300mA
833.30.973	Duke 500 Flicker-free Constant Multi-Current LED Driver, 250mA,350mA,450mA,500mA	500mA

THE IMPERIAL SERIES



Porches, balconies, and bathrooms necessitate special considerations and extra planning when it comes to lighting because of the stark difference in their environmental conditions when compared to other indoor spaces. The Imperial Architectural Lights by Hafele are the best choice for meeting the illumination needs of such spaces.

These luminaires with a small design build and effortless aesthetics, come with an anti-glare feature that helps create a soft, soothing light effect for additional comfort. Owing to their high IP65 Rating, the Imperial lights are best suited for areas that are continually exposed to dusty or humid environments. When in contact with dust, dirt, and debris, the high IP rating of the lights provides a great degree of protection and keeps the fixtures from getting damaged.

THE IMPERIAL SERIES: FEATURES

1. Simple design fixture:

Imperial is a compact fixture with a modern, minimalist design. The reflective material inside the reflector within the light fixture shapes and enhances the light to illuminate your space. It is a recessed downlight that features an anti-glare baffle and a transparent glass lens.



2. Higher IP rated light fixture:

The Imperial series, with an IP65 rating, offers protection against water, dust, dirt, debris, and moisture. The light fixture is resistant to multi-directional, low-pressure water jets, making it suitable to be used in humid environments.

3. Deep recessed downlight:

The deep recessed light fixtures have the light source regressed into the luminaire to enhance the glare reduction quality, while the luminaire itself is recessed into the ceiling for an unobtrusive look.



THE IMPERIAL SERIES: DECODING THE NOMENCLATURE

IMPERIAL	5W	.25A	TLT	RD	TR	40°	30K	WH
----------	----	------	-----	----	----	-----	-----	----



Number	Category	Abbreviation	Possibilities
1.	Output	W	5W
			7W
			10W
2.	Current	.25A	250mA
		.7A	700mA
3.	Housing Type	TLT	Tilt
		DL	Fixed Downlight
4.	Shape	RD	Round
5.	Mounting Bracket Type	TR	Trim
6.	Beam Angle	°	40°
7.	Colour Temperature	27K	2700K
		30K	3000K
		40K	4000K
8.	Finish	WH	White
		BLK	Black

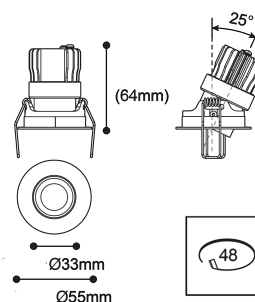
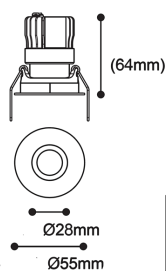
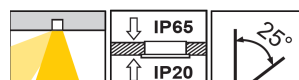
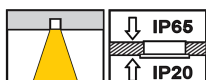
THE IMPERIAL SERIES: RANGE SPECIFICATIONS

RECESSED DOWNLIGHT WITH TRIM MOUNTING BRACKET - ROUND

5 W


Housing type:	Fixed
Description:	Imperial 5W.25A RD TR
Wattage:	5 W
Current:	250 mA
Colour temperature:	2700K,3000K,4000K
CRI	95
Ambient temperature:	45°
Beam angle:	40°
Material:	Die Cast Aluminum
Finish:	Black and white
Lumen Output (at luminaire)	58 lm/W
Average rated life:	> 60,000 hrs.
Degree of protection:	IP 65
Certification:	BIS (Bureau of Indian Standards)
Application:	Indoors and wet areas- Porch, laundry room, bathroom, balcony, hotel, kitchen

Housing type:	Tiltable
Description:	Imperial 5W.25A TLT RD TR
Wattage:	5 W
Current:	250 mA
Colour temperature:	2700K,3000K,4000K
CRI	95
Ambient temperature:	45°
Beam angle:	40°
Material:	Die Cast Aluminum
Finish:	Black and white
Lumen Output (at luminaire)	58 lm/W
Average rated life:	> 60,000 hrs.
Degree of protection:	IP 65
Certification:	BIS (Bureau of Indian Standards)
Application:	Indoors and wet areas- Porch, laundry room, bathroom, balcony, hotel, kitchen

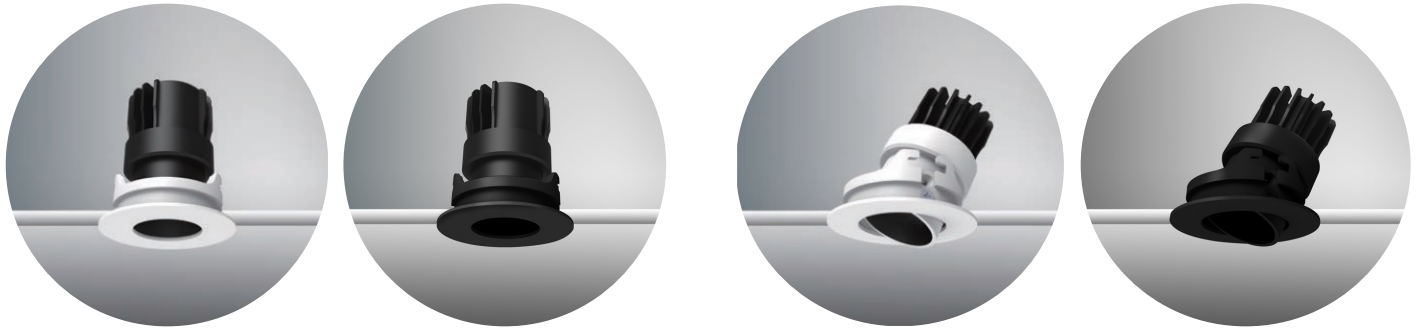


Finish	CCT	Article No.
White	2700K	833.13.520
	3000K	833.13.521
	4000K	833.13.522
Black	2700K	833.13.524
	3000K	833.13.525
	4000K	833.13.526

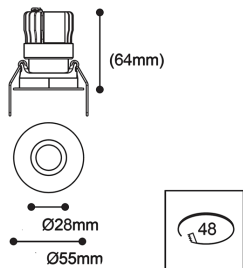
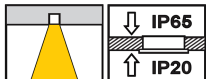
Finish	CCT	Article No.
White	2700K	833.13.528
	3000K	833.13.529
	4000K	833.13.530
Black	2700K	833.13.532
	3000K	833.13.533
	4000K	833.13.534

THE IMPERIAL SERIES: RANGE SPECIFICATIONS

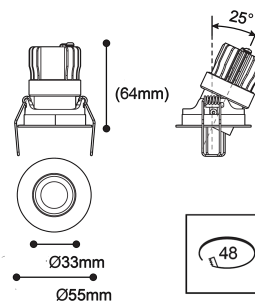
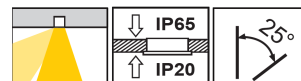
RECESSED DOWNLIGHT WITH TRIM MOUNTING BRACKET - ROUND

7 W


Housing type:	Fixed
Description:	Imperial 7W.7A RD TR
Wattage:	7 W
Current:	700 mA
Colour temperature:	2700K,3000K,4000K
CRI	95
Ambient temperature:	45°
Beam angle:	40°
Material:	Die Cast Aluminum
Finish:	Black and white
Lumen Output (at luminaire)	58 lm/W
Average rated life:	> 60,000 hrs.
Degree of protection:	IP 65
Certification:	BIS (Bureau of Indian Standards)
Application:	Indoors and wet areas- Porch, laundry room, bathroom, balcony, hotel, kitchen



Housing type:	Tilttable
Description:	Imperial 7W.7A TLT RD TR
Wattage:	7 W
Current:	700 mA
Colour temperature:	2700K,3000K,4000K
CRI	95
Ambient temperature:	45°
Beam angle:	40°
Material:	Die Cast Aluminum
Finish:	Black and white
Lumen Output (at luminaire)	58 lm/W
Average rated life:	> 60,000 hrs.
Degree of protection:	IP 65
Certification:	BIS (Bureau of Indian Standards)
Application:	Indoors and wet areas- Porch, laundry room, bathroom, balcony, hotel, kitchen



Finish	CCT	Article No.
White	2700K	833.30.816
	3000K	833.30.817
	4000K	833.30.818
Black	2700K	833.30.820
	3000K	833.30.821
	4000K	833.30.822

Finish	CCT	Article No.
White	2700K	833.13.536
	3000K	833.13.537
	4000K	833.13.538
Black	2700K	833.13.540
	3000K	833.13.541
	4000K	833.13.542

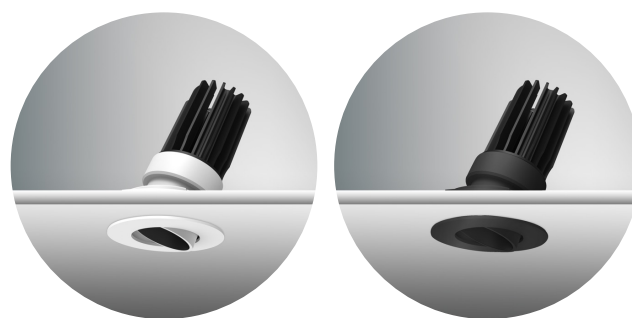
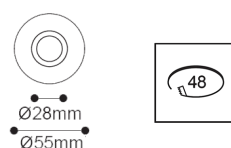
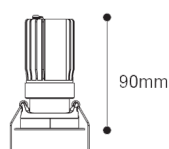
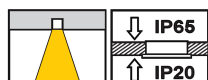
THE IMPERIAL SERIES: RANGE SPECIFICATIONS

RECESSED DOWNLIGHT WITH TRIM MOUNTING BRACKET - ROUND

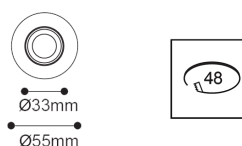
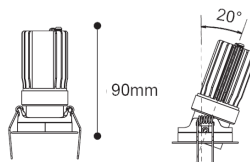
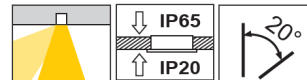
10 W



Housing type:	Fixed
Description:	Imperial 10W.25A RD TR
Wattage:	10 W
Current:	250 mA
Colour temperature:	2700K,3000K,4000K
CRI	95
Ambient temperature:	45°
Beam angle:	40°
Material:	Die Cast Aluminum
Finish:	Black and white
Lumen Output (at luminaire)	65 lm/W
Average rated life:	> 60,000 hrs.
Degree of protection:	IP 65
Certification:	BIS (Bureau of Indian Standards)
Application:	Indoors and wet areas- Porch, laundry room, bathroom, balcony, hotel, kitchen



Housing type:	Tiltable
Description:	Imperial 10W.25A TLT RD TR
Wattage:	10 W
Current:	250 mA
Colour temperature:	2700K,3000K,4000K
CRI	95
Ambient temperature:	45°
Beam angle:	40°
Material:	Die Cast Aluminum
Finish:	Black and white
Lumen Output (at luminaire)	65 lm/W
Average rated life:	> 60,000 hrs.
Degree of protection:	IP 65
Certification:	BIS (Bureau of Indian Standards)
Application:	Indoors and wet areas- Porch, laundry room, bathroom, balcony, hotel, kitchen



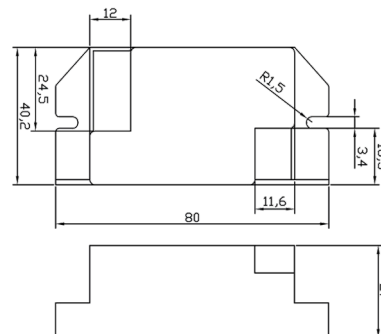
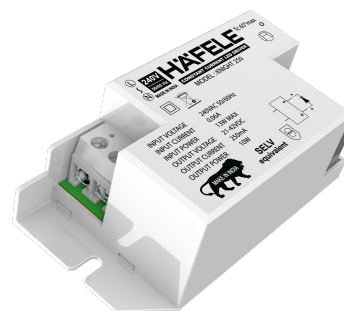
Finish	CCT	Article No.
White	2700K	833.13.544
	3000K	833.13.545
	4000K	833.13.546
Black	2700K	833.13.548
	3000K	833.13.549
	4000K	833.13.550

Finish	CCT	Article No.
White	2700K	833.13.552
	3000K	833.13.553
	4000K	833.13.554
Black	2700K	833.13.556
	3000K	833.13.557
	4000K	833.13.558

THE IMPERIAL SERIES: DRIVERS

KNIGHT 250 SINGLE CURRENT DRIVER: 250mA

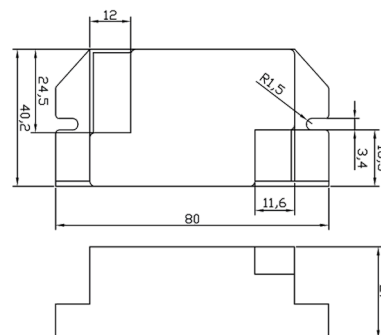
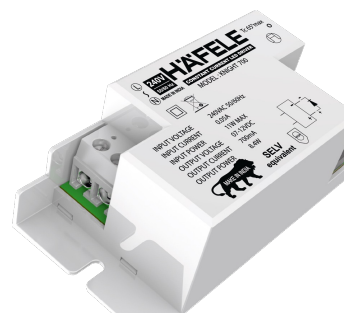
- SELV equivalent
- Suitable for Class II fixtures
- Flicker-free output
- Overload and short circuit protection
- Average rated life: 30,000 hrs.
- Sustains at 320 Vac for 48 hrs. and 360 Vac for 2 hrs.



Technical Specifications	
Article No.	833.30.974
Input Voltage	240VAC 50/60Hz
Input Current	0.06A
Input Power	13W Max
Output Voltage	21 – 42 VDC
Output Current	250mA
Output Power	10W

KNIGHT 700 SINGLE CURRENT DRIVER: 700mA

- SELV equivalent
- Suitable for Class II fixtures
- Flicker-free output
- Overload and short circuit protection
- Average rated life: 30,000 hrs.
- Sustains at 320 Vac for 48 hrs. and 360 Vac for 2 hrs.



Technical Specifications	
Article No.	833.30.969
Input Voltage	240VAC 50/60Hz
Input Current	0.05A
Input Power	11W Max
Output Voltage	07-12 VDC
Output Current	700mA
Output Power	8.4W

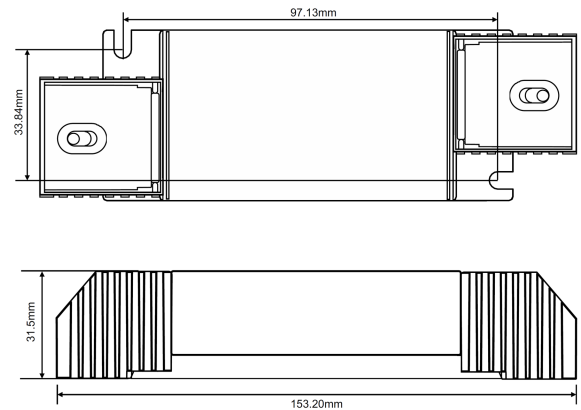
Note:

1. You can order either of the drivers by checking the suitable current ratings.
2. The Imperial downlights allow automation by connecting to Dali compatible drivers. If you have a requirement for automation, you can contact your Hafele sales representative for more details.

THE IMPERIAL SERIES: DRIVERS

DUKE 500 MULTI-CURRENT DRIVER: 250mA, 350mA, 450mA, 500mA

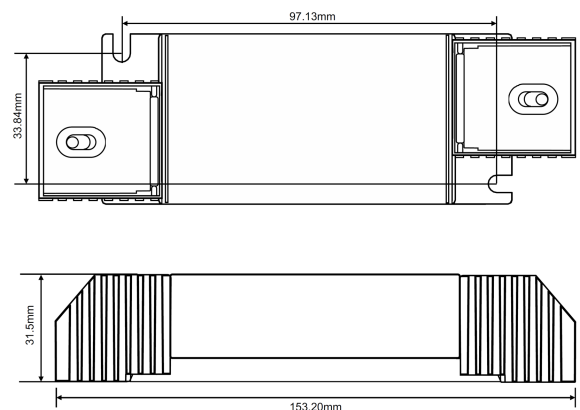
- SELV equivalent
- CE compliant
- Suitable for Class II fixtures
- Flicker-free output
- Overload and short circuit protection
- Input over-voltage & under voltage protection
- Average rated life: 50,000 hrs.
- Sustains at 440Vac for 48 hrs.



Technical Specifications	
Article No.	833.30.973
Input Voltage	240VAC 50Hz
Input Current	0.11A Max
Input Power	26W Max
Power Factor	>0.95
THD	<10%
Output Voltage	33 – 43 VDC
Output Current	500mA
Output Power	22W
Operating Temp.	-20°C to 50°C
No. of Channels	1 Channel

DUKE 700 MULTI-CURRENT DRIVER: 700mA, 600mA, 500mA, 400mA

- SELV equivalent
- CE compliant
- Suitable for Class II fixtures
- Flicker-free output
- Overload and short circuit protection
- Input over-voltage & under voltage protection
- Average rated life: 50,000 hrs.
- Sustains at 440Vac for 48 hrs.



Technical Specifications	
Article No.	833.30.976
Input Voltage	240VAC 50Hz
Input Current	0.16A Max
Input Power	36W Max
Power Factor	>0.95
THD	<10%
Output Voltage	33 – 43 Vdc
Output Current	700mA
Output Power	30W
Operating Temp.	-20°C to 50°C
No. of Channels	1 Channel

Note:

- 1.You can order the Knight Series or the Duke Series drivers, as per your requirement, by checking the suitable current ratings.
- 2.For Duke drivers: Please set the dip switch setting as indicated on the driver to activate the desired current rating out of the 4 options available
- 3.The Imperial downlights allow automation by connecting to Dali compatible drivers. If you have a requirement for automation, you can contact your Hafele sales representative for more details.

THE IMPERIAL SERIES: ORDERING INFORMATION

RECESSED DOWNLIGHT WITH TRIM MOUNTING BRACKET - ROUND

Article Number	Type	Finish	Wattage	Current	Beam Angle	Colour Temperature	Dimensions (mm)
833.13.520	Fixed	White	5W	250 mA	40 °	2700K	Dia 55 x H 64
833.13.521			5W	250 mA	40 °	3000K	Dia 55 x H 64
833.13.522			5W	250 mA	40 °	4000K	Dia 55 x H 64
833.13.524		Black	5W	250 mA	40 °	2700K	Dia 55 x H 64
833.13.525			5W	250 mA	40 °	3000K	Dia 55 x H 64
833.13.526			5W	250 mA	40 °	4000K	Dia 55 x H 64
833.13.528	Tilttable	White	5W	250 mA	40 °	2700K	Dia 55 x H 64
833.13.529			5W	250 mA	40 °	3000K	Dia 55 x H 64
833.13.530			5W	250 mA	40 °	4000K	Dia 55 x H 64
833.13.532		Black	5W	250 mA	40 °	2700K	Dia 55 x H 64
833.13.533			5W	250 mA	40 °	3000K	Dia 55 x H 64
833.13.534			5W	250 mA	40 °	4000K	Dia 55 x H 64
833.30.816	Fixed	White	7W	700 mA	40 °	2700K	Dia 55 x H 64
833.30.817			7W	700 mA	40 °	3000K	Dia 55 x H 64
833.30.818			7W	700 mA	40 °	4000K	Dia 55 x H 64
833.30.820		Black	7W	700 mA	40 °	2700K	Dia 55 x H 64
833.30.821			7W	700 mA	40 °	3000K	Dia 55 x H 64
833.30.822			7W	700 mA	40 °	4000K	Dia 55 x H 64
833.13.536	Tilttable	White	7W	700 mA	40 °	2700K	Dia 55 x H 64
833.13.537			7W	700 mA	40 °	3000K	Dia 55 x H 64
833.13.538			7W	700 mA	40 °	4000K	Dia 55 x H 64
833.13.540		Black	7W	700 mA	40 °	2700K	Dia 55 x H 64
833.13.541			7W	700 mA	40 °	3000K	Dia 55 x H 64
833.13.542			7W	700 mA	40 °	4000K	Dia 55 x H 64
833.13.544	Fixed	White	10W	250 mA	40 °	2700K	Dia 55 x H 90
833.13.545			10W	250 mA	40 °	3000K	Dia 55 x H 90
833.13.546			10W	250 mA	40 °	4000K	Dia 55 x H 90
833.13.548		Black	10W	250 mA	40 °	2700K	Dia 55 x H 90
833.13.549			10W	250 mA	40 °	3000K	Dia 55 x H 90
833.13.550			10W	250 mA	40 °	4000K	Dia 55 x H 90
833.13.552	Tilttable	White	10W	250 mA	40 °	2700K	Dia 55 x H 90
833.13.553			10W	250 mA	40 °	3000K	Dia 55 x H 90
833.13.554			10W	250 mA	40 °	4000K	Dia 55 x H 90
833.13.556		Black	10W	250 mA	40 °	2700K	Dia 55 x H 90
833.13.557			10W	250 mA	40 °	3000K	Dia 55 x H 90
833.13.558			10W	250 mA	40 °	4000K	Dia 55 x H 90

DRIVERS

Article No.	Description	Current
833.30.974	Knight 250 Constant Single Current LED Driver. 250mA	250mA
833.30.969	Knight 700 Constant Current LED Driver, 700mA	700mA
833.30.973	Duke 500 Flicker Free Constant Multi-Current LED Driver 250mA,350mA,450mA,500mA	500mA
833.30.976	Duke 700 Flicker Free Constant Multi-Current LED Driver 400mA,500mA,600mA,700MA	700mA

THE MCGILL SERIES



In corridors and along the stairways, floor washers are used to not only illuminate the surroundings but also to create soft lighting effects that subtly enhance the floor textures. Hafele's McGill Luminaires wash light evenly across the floor while their concealed light source and minimal build enhance the aesthetics of the interior space.

These luminaires provide a glare free illumination in areas with limited brightness and help avoid injuries or tripping especially in places where there are changes in the elevations. With an easy plug and play concept, installation of these lights is easy and entirely tool free.

THE MCGILL SERIES: FEATURES

1. Even, glare-free illumination:

In corridors and along the staircase, floor washer luminaires add subtle, glare*-free illumination at a lower level. These luminaires wash the light evenly across the floor which helps highlight the floor textures as well as guides people through the area.

*Glare is a visual sensation caused by excessive and uncontrolled brightness at the light source.



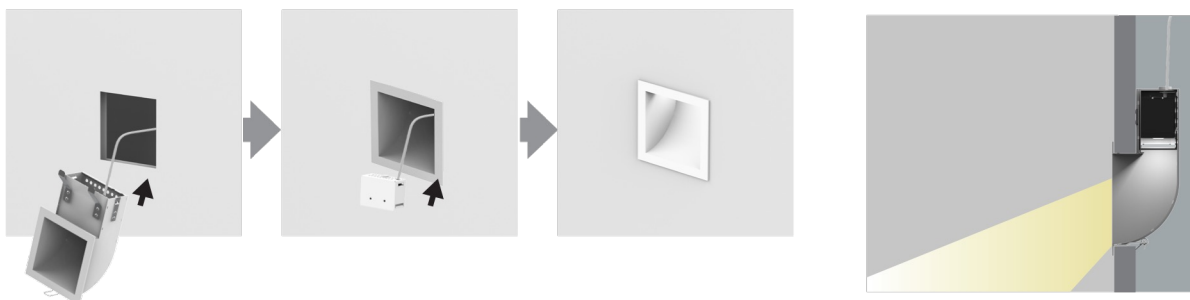
2. Illumination for safety:

Floor washers make the perfect solutions to light up the corridors and staircases under limited brightness conditions. These ensure higher safety especially at night. These luminaires also provide an estimation of different elevation levels to avoid tripping or injury, for e.g. on the stairway.

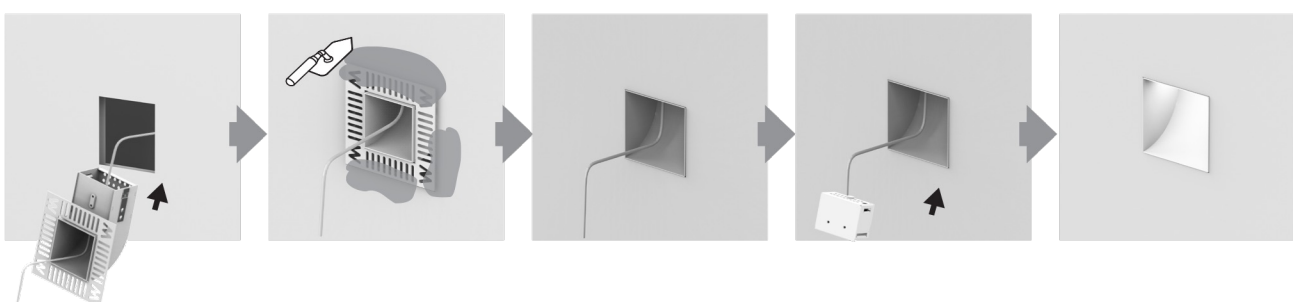
3. Easy assembly:

The plug-and-play concept of the luminaires from the McGill Series has a simple and entirely tool-free installation. Insert the luminaire housing into the cut-out made in the wall till the interior construction/renovation goes on. Simply insert the the light engine, connect it to the driver lead and secure it in place once the renovation has been completed.

Floor washer installation with Trim Mounting Bracket



Floor washer installation with Trimless Mounting Bracket



THE MCGILL SERIES: DECODING THE NOMENCLATURE

McGill	7W	.7A	SQ	TR	FW	30K	WH
--------	----	-----	----	----	----	-----	----

1 2 3 4 5 6 7

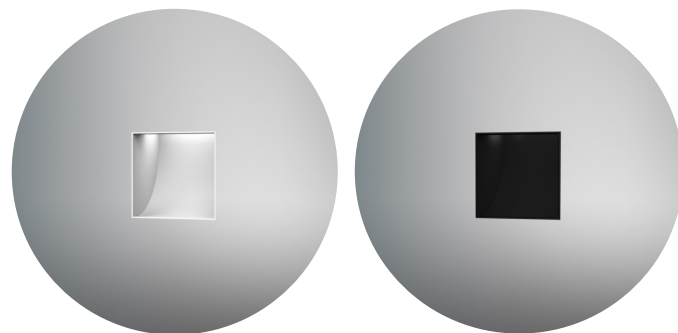
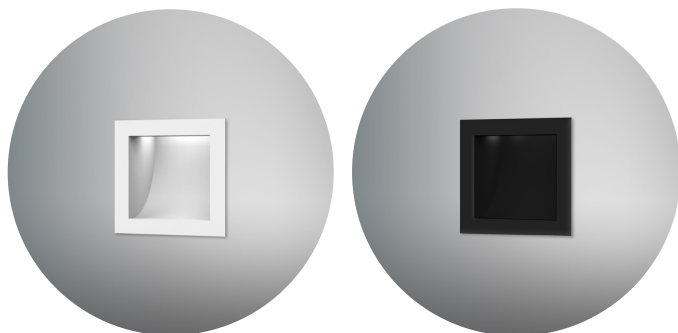
Number	Category	Abbreviation	Possibilities
1.	Output	W	7W
2.	Current	.7A	700mA
3.	Shape	SQ	Square
4.	Mounting Bracket Type	TR	Trim
		TL	Trimless
5.	Type of Luminaire	FW	Floor Washer
6.	Colour Temperature	27K	2700K
		30K	3000K
		40K	4000K
7.	Finish	WH	White
		BLK	Black



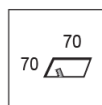
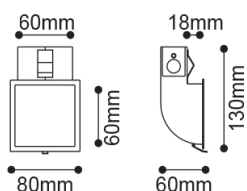
THE MCGILL SERIES: RANGE SPECIFICATIONS

FLOOR WASHER - SQUARE

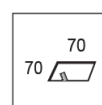
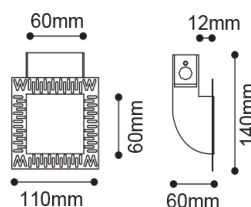
7 W



Mounting bracket type:	Trim
Description:	McGill 7W.7A SQ TR FW
Wattage:	7 W
Current:	700 mA
Colour temperature:	2700K,3000K,4000K
CRI	95
Ambient temperature:	45°
Material:	Die Cast Aluminum
Finish:	Black and white
Lumen Output (at luminaire)	60 lm/W
Average rated life:	> 60,000 hrs.
Degree of protection:	IP20
Certification:	BIS (Bureau of Indian Standards)
Indoor Application:	Corridors and stairways



Mounting bracket type:	Trimless
Description:	McGill 7W.7A SQ TL FW
Wattage:	7 W
Current:	700 mA
Colour temperature:	2700K,3000K,4000K
CRI	95
Ambient temperature:	45°
Material:	Die Cast Aluminum
Finish:	Black and white
Lumen Output (at luminaire)	60 lm/W
Average rated life:	> 60,000 hrs.
Degree of protection:	IP20
Certification:	BIS (Bureau of Indian Standards)
Indoor Application:	Corridors and stairways



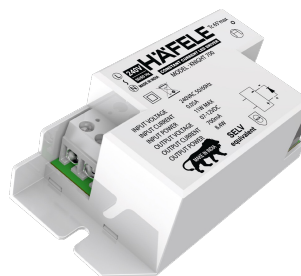
CCT	Finish	
	White	Black
2700 K	833.12.630	833.12.634
3000 K	833.12.631	833.12.635
4000 K	833.12.632	833.12.636

CCT	Finish	
	White	Black
2700 K	833.12.860	833.12.864
3000 K	833.12.861	833.12.865
4000 K	833.12.862	833.12.866

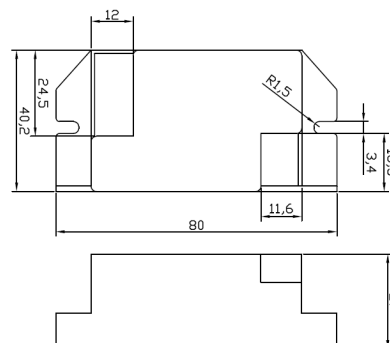
THE MCGILL SERIES: DRIVERS

KNIGHT 700 SINGLE CURRENT DRIVER, 700mA

- SELV equivalent
- Suitable for Class II fixtures
- Flicker-free output
- Overload and short circuit protection
- Average rated life: 30,000 hrs.
- Sustains at 320 Vac for 48 hrs. and 360 Vac for 2 hrs.



Technical Specifications	
Article No.	833.30.969
Input Voltage	240VAC 50/60Hz
Input Current	0.05A
Input Power	11W Max
Output Voltage	07 – 12 VDC
Output Current	700mA
Output Power	8.4W

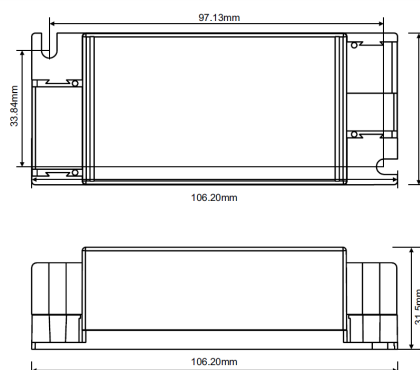


DUKE 700 MULTI-CURRENT DRIVER, 400mA,500mA,600mA,700MA

- SELV equivalent
- CE compliant
- Suitable for Class II fixtures
- Flicker-free output
- Overload and short circuit protection
- Input over-voltage & under voltage protection
- Average rated life: 50,000 hrs.
- Sustains at 440Vac for 48 hrs.



Technical Specifications	
Article No.	833.30.976
Input Voltage	240VAC 50Hz
Input Current	0.16A Max
Input Power	36W Max
Power Factor	>0.95
ATHD	<10%
Output Voltage	33 – 43 VDC
Output Current	700mA
Output Power	30W
Operating Temp.	-20°C to 50°C
No. of Channels	1 Channel



Note:

1. You can order the Knight Series or the Duke Series drivers, as per your requirement, by checking the suitable current ratings.
2. For Duke drivers: Please set the dip switch setting as indicated on the driver to activate the desired current rating out of the 4 options available
3. The McGill floor washers allow automation by connecting to Dali compatible drivers. If you have a requirement for automation, you can contact your Hafele sales representative for more details.

THE MCGILL SERIES: ORDERING INFORMATION

1. FLOOR WASHER - SQUARE

Article No.	Wattage	Current	Mounting Bracket Type	Colour	Colour Temperature	Dimensions (mm)
833.12.630	7W	700 mA	Trim	White	2700K	80 (W) x 60 (D) x 130 (H)
833.12.631	7W	700 mA	Trim	White	3000K	80 (W) x 60 (D) x 130 (H)
833.12.632	7W	700 mA	Trim	White	4000K	80 (W) x 60 (D) x 130 (H)
833.12.634	7W	700 mA	Trim	Black	2700K	80 (W) x 60 (D) x 130 (H)
833.12.635	7W	700 mA	Trim	Black	3000K	80 (W) x 60 (D) x 130 (H)
833.12.636	7W	700 mA	Trim	Black	4000K	80 (W) x 60 (D) x 130 (H)
833.12.860	7W	700 Ma	Trimless	White	2700K	110 (W) x 60 (D) x 140 (H)
833.12.861	7W	700 mA	Trimless	White	3000K	110 (W) x 60 (D) x 140 (H)
833.12.862	7W	700 mA	Trimless	White	4000K	110 (W) x 60 (D) x 140 (H)
833.12.864	7W	700 mA	Trimless	Black	2700K	110 (W) x 60 (D) x 140 (H)
833.12.865	7W	700 mA	Trimless	Black	3000K	110 (W) x 60 (D) x 140 (H)
833.12.866	7W	700 mA	Trimless	Black	4000K	110 (W) x 60 (D) x 140 (H)

2. DRIVERS

Article No.	Description	Current
833.30.976	Duke 700 Flicker-free Constant Multi-Current LED Driver 400mA,500mA,600mA,700MA	700mA
833.30.969	Knight 700 Constant Single Current LED Driver	700mA

**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:

1st Floor No.24, College Road,
Nungambakkam, Chennai - 600 006
Tel.: 044 - 4215 1542
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:

Office No. 12, Vastushree Complex,
Survey No.587,
Near Hyde Park, Gultekdi,
Market Yard, Pune - 411 037
Tel.: 020 2426 6264
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 Design Centre:

752 Peradeniya Rd,
Kandy 20000, Sri Lanka.
Tel.: +94 812 223 338

Bangladesh Office:

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

Nepal:

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

Bhutan:**SMART HOMES**

Gr. Floor, Druk Building (Opp Helipad)
Babesa -Thimpu Expressway, Thimpu
Tel.: +975-2-333419
Mob.: +975-77277615, 17839717,
77114228,1760063,17669840

HAFELE

Mumbai Corporate Office:

Office No. 3, Building "A", BETA,
I Think Techno Campus, Off J.V.L.R,
Opp. Kanjurmarg East, Mumbai - 400 042.
Tel.: 022 6142 6100 • Fax: 022 6702 0531.

For Enquiries SMS "HAFELE" to 56070

Toll Free Customer Care: 1800 266 6667
Customer Care WhatsApp: +91 97691 11122
customer@hafeleindia.com
info@hafeleindia.com

Follow us on

