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5000+
communities served in

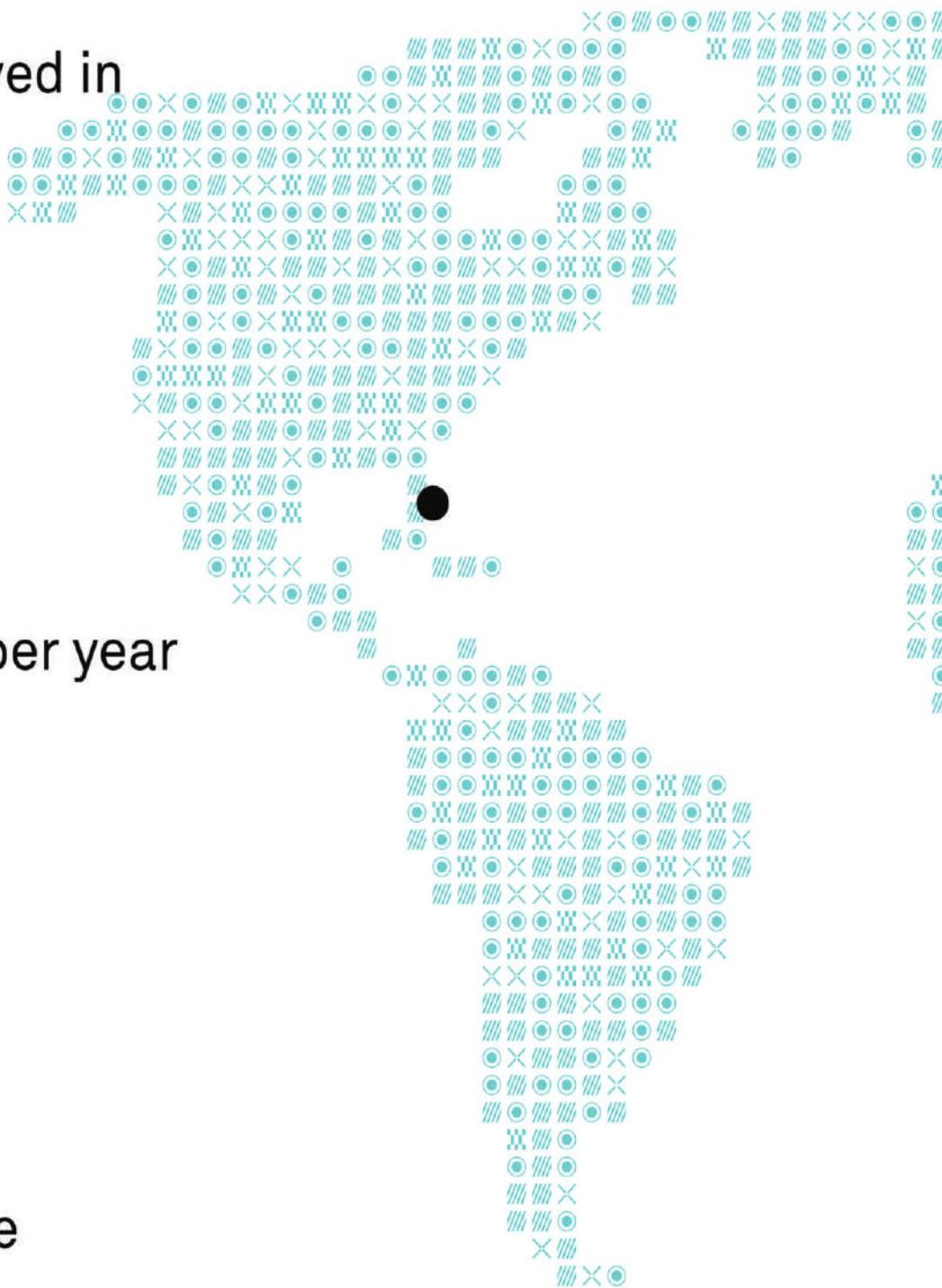
60
countries

200+
custom projects per year

130
people

200
designers we have
worked with

60
years





Longiano, ITA

Neri S.p.A. (Headquarter)

Miami, USA

Neri North America Inc.

Dubai, UAE

Neri S.p.A. (DMCC Branch)

Bangalore, IND

Neri Lighting India Pvt. Ltd.



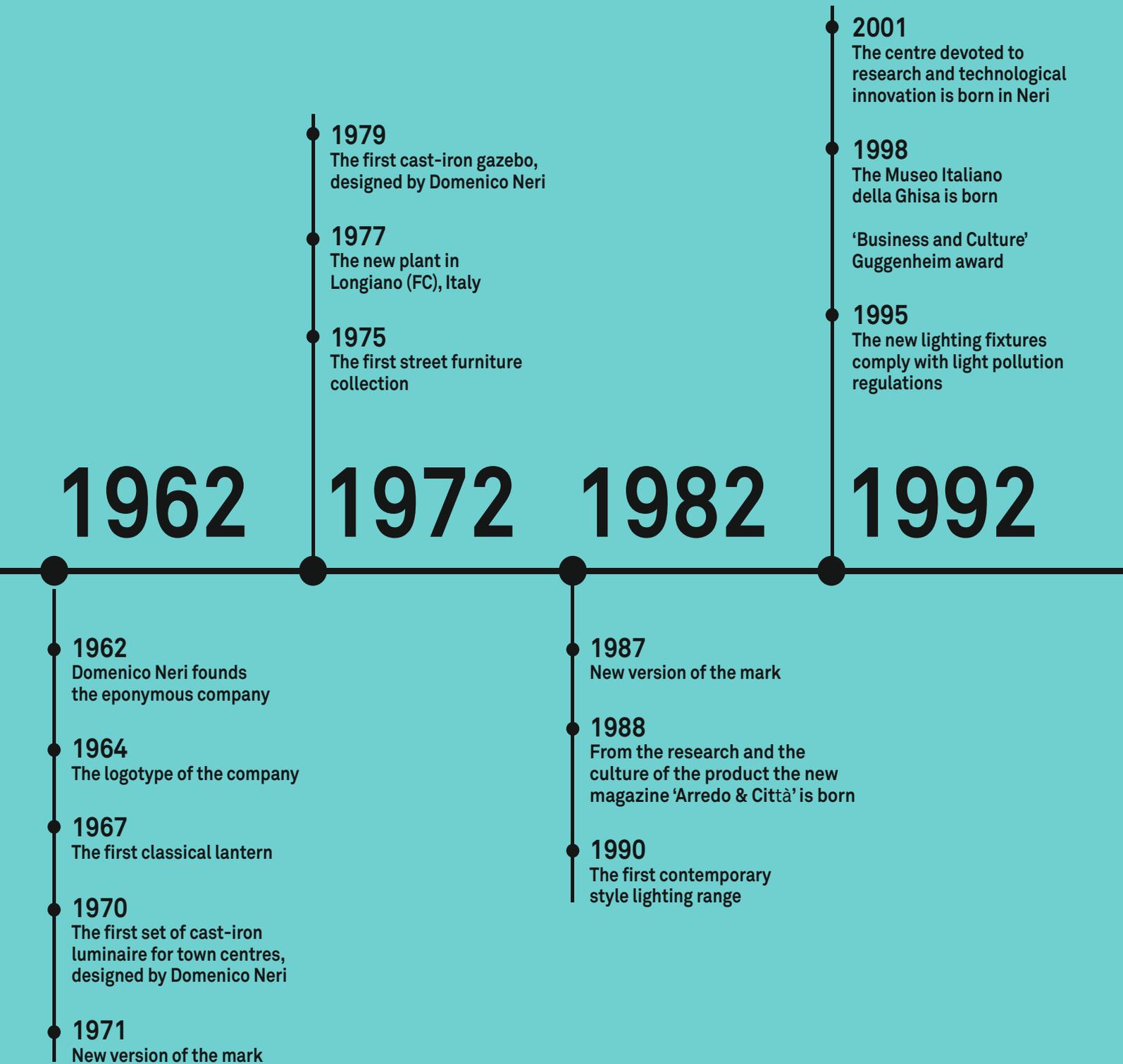
Neri SpA

Our mission is to furnish and illuminate the city and collective outdoor spaces, respecting their culture, environment, opportunities for meeting and exchange, safety and comfort.

Since 1962, Neri has been a symbol of excellence in the field of high-end street furniture and lighting systems in Italy and around the world. Neri is the reference model in this sector for thousands of Italian communities and numerous hotels, residential and commercial locations worldwide.

Restoration work, reproductions, custom-made products as well as collaborations with architects, lighting designers and energy managers is part of what a company with a presence in more than 100 countries has to offer.

Neri Timeline



2002

2012

2012

Offices open in india

Latest version of the Neri
logo and Rebranding

2003

The optical tilt Morfomatic
System obtains its patent

2005

The Neri Foundation is born

2008

New environmentally
sustainable plant

2010

Comfort and Performance,
the new way of conceiving LED

Inauguration of the permanent
exhibition of the Museo Italiano
della Ghisa

2011

The office in Miami (FL), USA opens

2022

Neri turns 60

Innovation and quality

Research and development

Efficiency, heat management, glare reduction, lenses and reflectors, choice of materials, quality of light and connectivity are just some of the constantly evolving issues being addressed and tested by our R&D department.

Product development

The birth of a product is not a linear process but an orchestral, multi-dimensional activity, sometimes starting from new technologies, sometimes from the intuition of a designer.

Neri Labs

Our UL-certified laboratories are a distinctive asset. We test materials, light sources and luminaires.

Light room

It is our most atmospheric and technologically advanced test set, a sort of wind tunnel, where light blows.







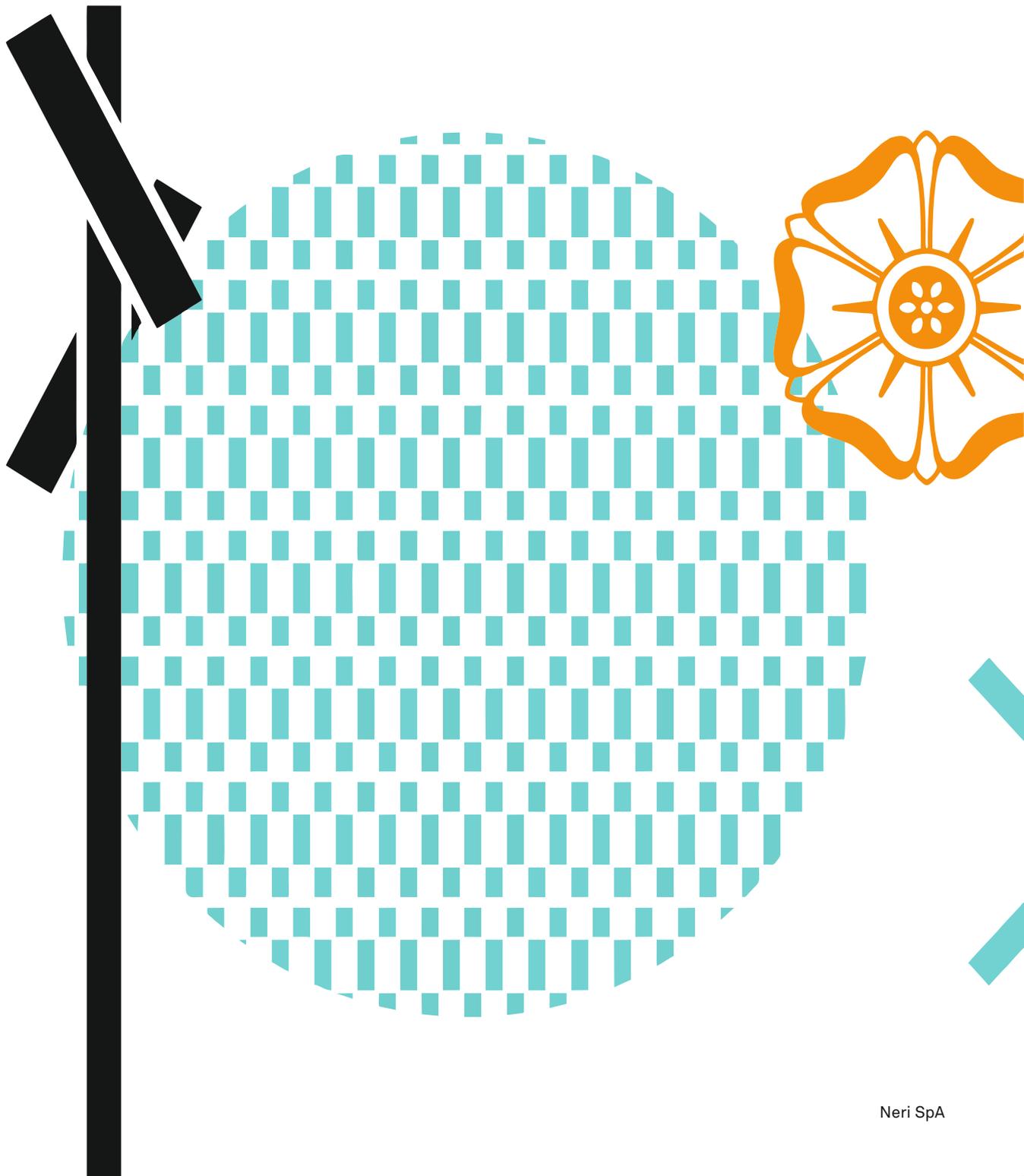
- / Salt spray test
- / QUV test
- / IP test
- / IK test
- / Durability test
- / Heating test
- / Goniophotometer test
- / Integrating sphere test
- / Installation type test

Light Room

A dynamic and versatile space dedicated to knowledge, storytelling and testing of Neri products.

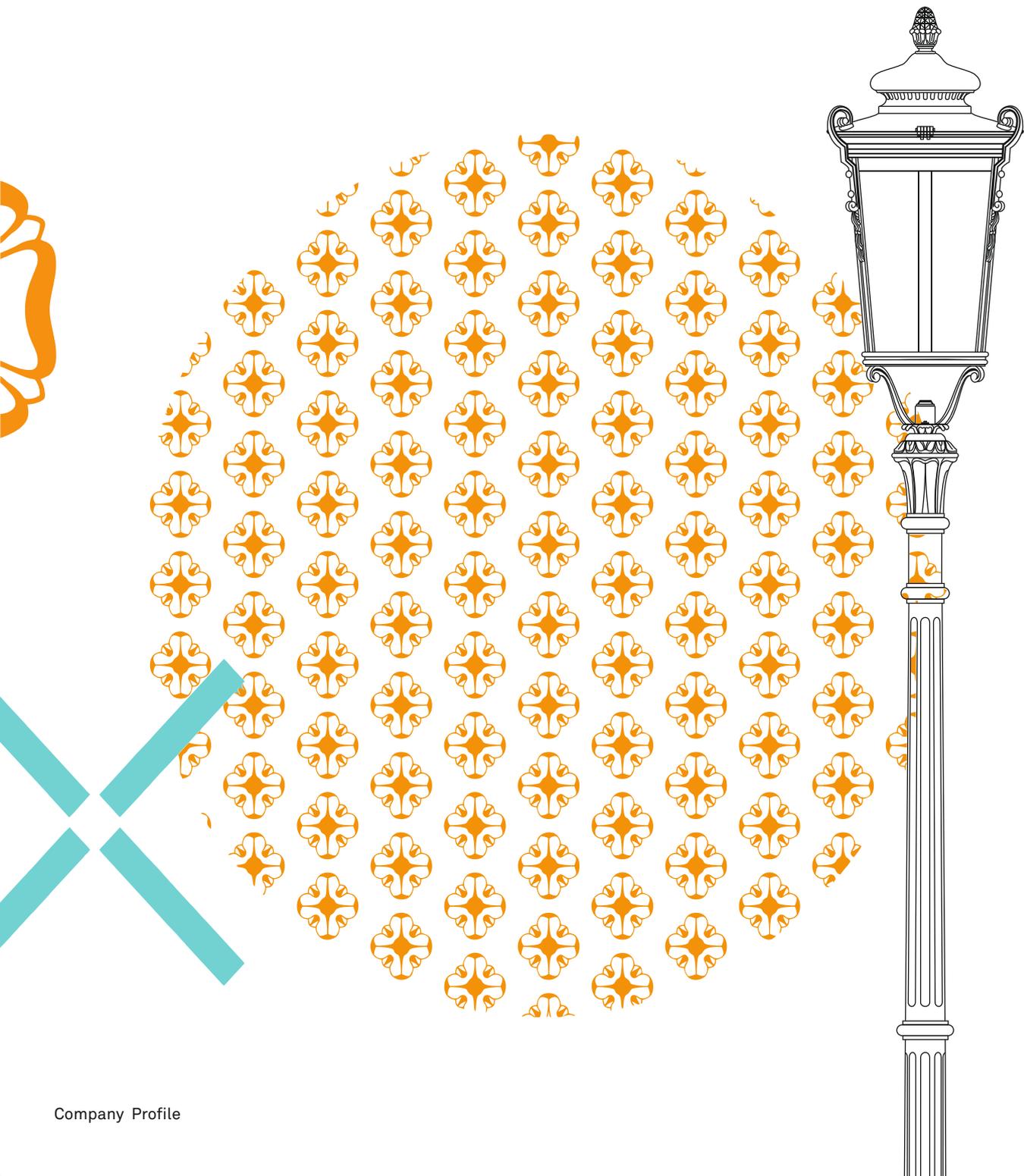
Contemporary

Contemporary: Adj. and s. m. (f. - a) [from Late Latin contemporaneus, der. of tempus-poris "time", with prefix con-]. - 1. a. adj. Occurring or living at the same time, belonging to the same age.



Heritage

Heritage: Adj. and s. m. [from Latin patrimonium, der. from pater-tris "father"]. Extensively and figuratively, the totality of wealth, material and non-material values that belong, by inheritance, tradition and the like, to a community or even to an individual.





Awards

- 2018 – Archiproducts Design Awards winner: Brenta
- 2018 – BIGSEE Product Design Award: Brenta
- 2019 – German Design Award winner 2019: Brenta
- 2019 – German Design Award winner 2019: Lang
- 2021 – German Design Award winner 2021: Nebula
- 2021 – German Innovation Award winner 2021: Nebula
- 2021 – Reddot winner 2021 Best of the best: Nebula
- 2021 – ADI Design Index 2021: Nebula



What we do

Neri offers three categories of products designed to improve the urban environment: lighting, street furniture and structures. These unique categories have been designed to communicate the same sense of aesthetics to create a coordinated and harmonious environment.

Lighting

Neri has always represented innovation and technological research, in line with the same passion and craftsmanship that characterised its origins.





Street furniture

Our cities are our homes, and this belief is reflected in the furniture we design and produce.

Structures

Our structures are designed for private or public spaces, they are modular and respond to different needs of functionality, aggregation and meeting.

Kiosks

Elegance and functionality. Elements that coexist in harmony in these structures, rich in details and accessories. Designed as a decorative element in the urban context, they represent an opportunity for exchange, passage and meeting.

Small gazebos

A place for gathering and recreation that integrates perfectly into any type of context: large open spaces, intimate places, squares or viewpoints.

Large gazebos

A slender structure represents an important place, a landmark in the landscape. An icon of tradition and a venue for musical events open to the world.

Pavilions

Cosy and romantic. Defined by an essential and rhythmic architecture, they accompany moments of relaxation in a classic and decisive style.





Custom Services

We design, prototype and manufacture custom products for special projects. Our ingenuity and experience with a wide range of materials, light sources and control systems have turned even the most complex ideas into reality.

We advise and support our customers right from the conceptual phase. Architects, landscape designers, lighting professionals, project managers and contractors can draw directly and without limitation on our knowledge and technologies, gaining maximum benefits in terms of control over the evolution of their projects.

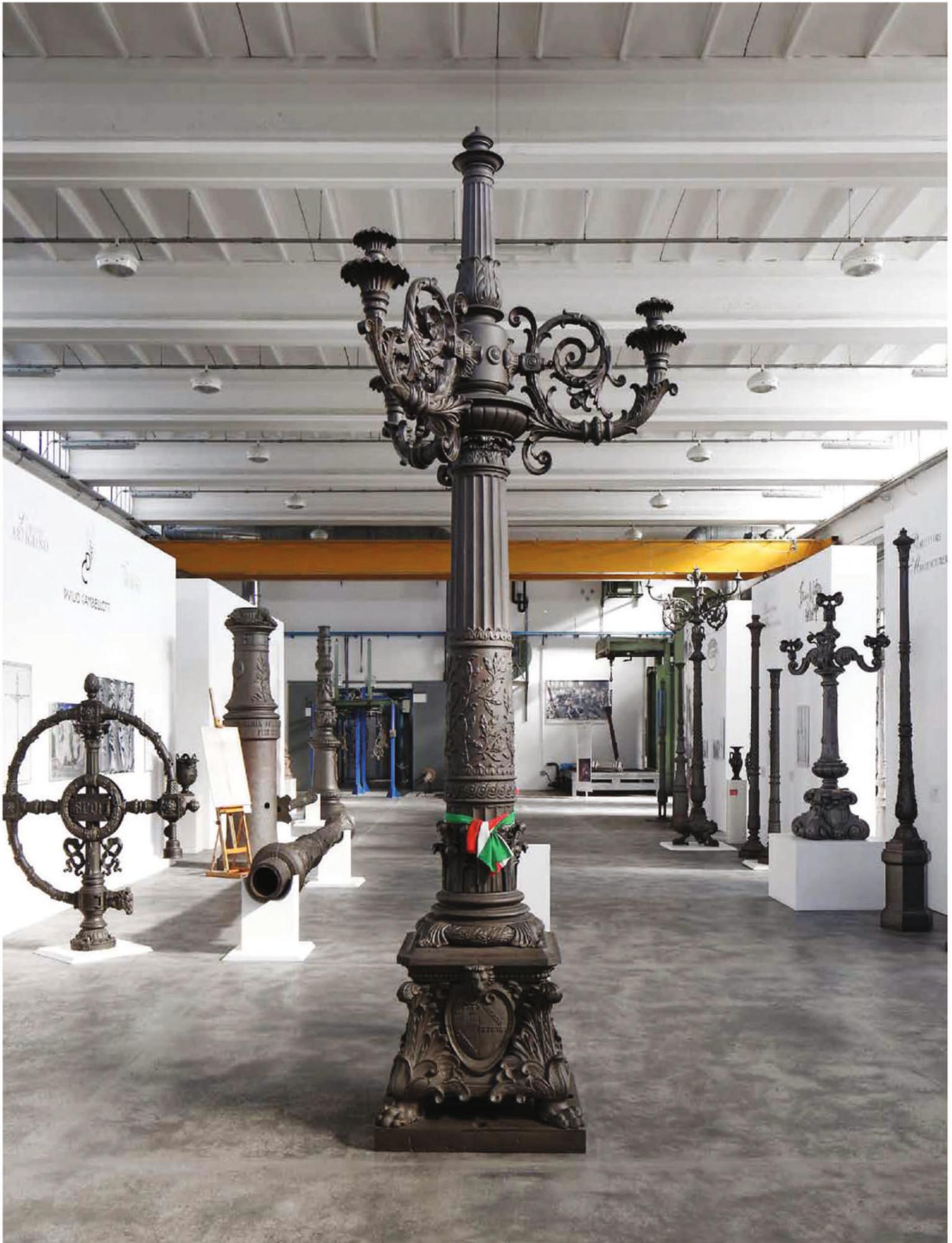
Restoration and reproduction

We are experts in the restoration of cast-iron lighting and street furniture. Cities all over Europe have trusted us with the recovery of an important piece of their history and identity.

From the middle of the 19th century, towns were illuminated and furnished with cast-iron elements. Each city is characterised by different types of street lights, for example, which form part of its architecture and represent distinctive elements of its identity.

We have developed specific experience and skills in restoration, as well as a rigorous method and a special philological focus. Restoration means rebuilding what has been broken, bringing back to life the identity of an urban space and its uniqueness. For all those places where the original street lights had disappeared or were severely compromised, we remade them. The cultural value of preserving the memory of these elements is sometimes equivalent to restoration.





Fondazione Neri

The Neri Foundation (Fondazione Neri) is a non-profit organisation that was created in 2005. Since 2010, it has been officially recognised by the Italian state. Owner of a unique collection, its purpose is to research and document the past and present of cities, studied from a specific point of view: the functional elements for lighting and outdoor furniture. Precisely these elements, together with their architecture, have given urban spaces identity and beauty. It explores and spreads the expressions of industrial culture and art, extending research from the 19th century cast iron artifacts to the most recent and contemporary expressions of industrial design.

The Neri Foundation runs the Italian Museum of Cast Iron (Museo Italiano della Ghisa – MIG) with its three exhibitions and a large archive of documents and images. The collection mainly comprises street lamps from various Italian and European cities, produced in the nineteenth century and in the early decades of the twentieth century, as well as fountains, benches

and ledges. Added to all these artefacts are many other elements, all in cast iron, which wisely integrated the architectures, such as balustrades, roste (or over-doors), door knockers and kerb stones. The Italian Museum of Cast Iron is unique in its genre and, for this reason, it is visited with due attention by sector scholars, universities, architects and lighting designers.







PROJECTOR LIGHTS

Mounting

- Suitable for surface mounting.

Materials

- Die Cast Aluminium .
- Tempered Glass

Structure - Main Components

- Body in circular shape made of high pressure die cast aluminium .
- Silicon Gasket between frames ensures the Ingress Protection .
- Screen made of clear Tempered Glass.

Electrical Auxiliaries

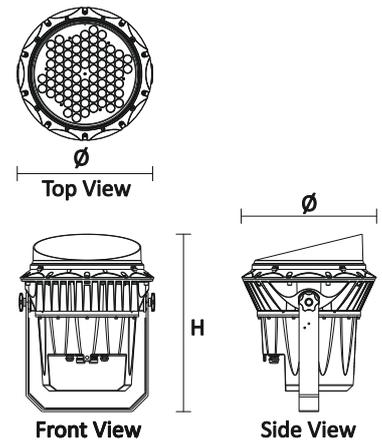
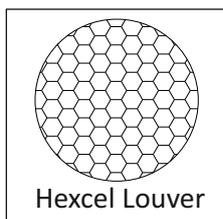
- Electronic power supply for LED module which gives Protection against short circuit, over current, over voltages & Surge.
- RGBW Light fixtures are DMX 512 compatible by inbuilt DMX decoder.

IP Rating – IP66

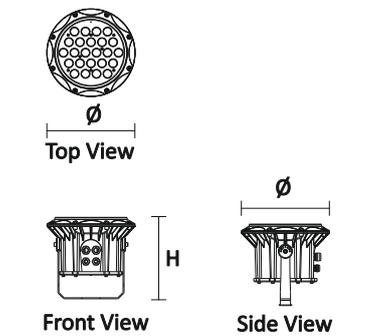
Finish

- Powder Coating
- Standard color is Grey

Accessories (Optional-Available on Additional Cost)



	Ø	H
NPL-3-72	Ø340mm	454mm
NPL-3-54	Ø290mm	417mm
NPL-3-36	Ø263mm	390mm



	Ø	H
NPL-3-24/18	Ø224mm	208mm
NPL-3-12/9	Ø170mm	176mm
NPL-3-6/3	Ø110mm	148mm

TECHNICAL CHARACTERISTICS – LED MODULE

CCT & CRI OPTIONS

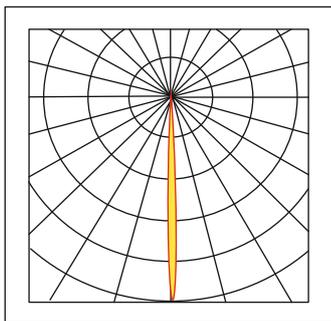
3000K – CRI>80

RGB/RGBW

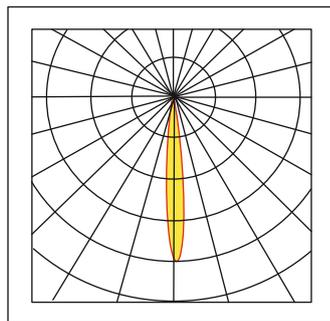
Other CCT's & CRI's available on request

FLUX		WATTAGE		MODEL NO.
3000K	RGBW	3000K	RGBW	
16000lm	8325lm	200W	185W	NPL-3-72
9600lm	5400lm	120W	120W	NPL-3-54
6800lm	3825lm	85W	85W	NPL-3-36
4800lm	2700lm	60W	60W	NPL-3-24
3360lm	1890lm	42W	42W	NPL-3-18
2240lm	1350lm	28W	30W	NPL-3-12
1760lm	1035lm	22W	23W	NPL-3-9
1040lm	630lm	13W	14W	NPL-3-6
640lm	360lm	8W	8W	NPL-3-3

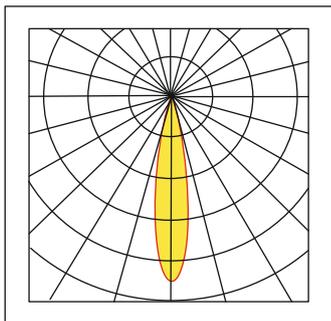
OPTICS



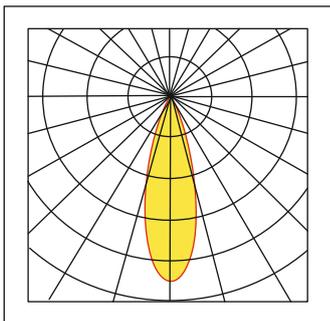
6.5°



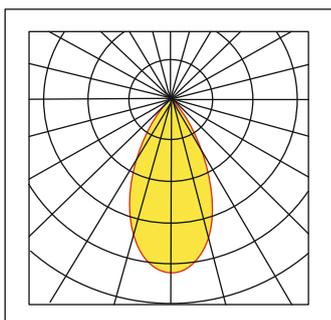
9°



13°



25°



35°

*More Optics Available On Request.



LARGE PROJECTOR LIGHTS

Mounting

- Suitable for surface mounting.

Materials

- Die Cast Aluminium .
- Tempered Glass

Structure - Main Components

- Body in rectangular shape made of high pressure die cast aluminium .
- Silicon Gasket between frames ensures the Ingress Protection .
- Screen made of clear Tempered Glass.

Electrical Auxiliaries

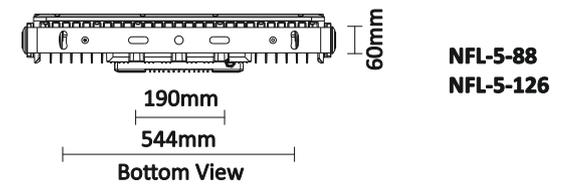
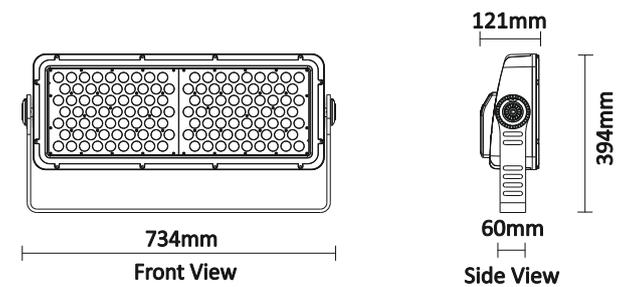
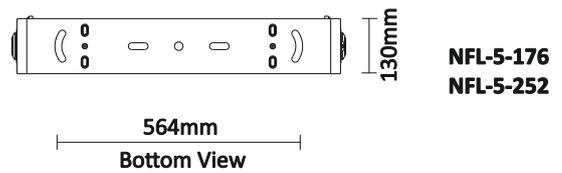
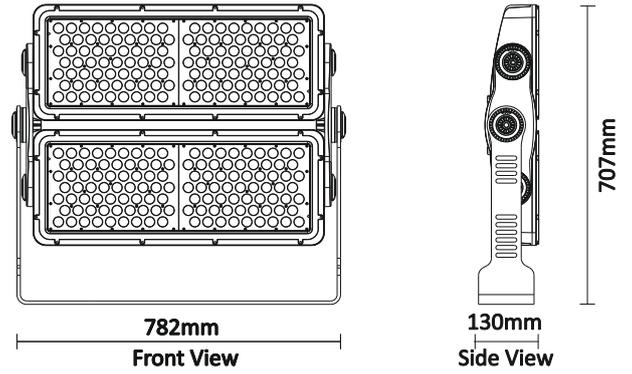
- Electronic power supply for LED module which gives Protection against short circuit, over current, over voltages & Surge.
- RGBW Light fixtures are DMX 512 compatible by inbuilt DMX decoder.

IP Rating – IP66

Finish

- Powder Coating
- Standard color is Grey

Accessories (Optional-Available on Additional Cost)





TECHNICAL CHARACTERISTICS – LED MODULE

CCT & CRI OPTIONS

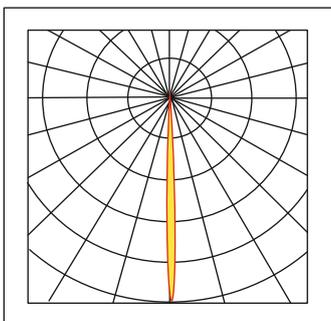
3000K – CRI>80

RGB/RGBW

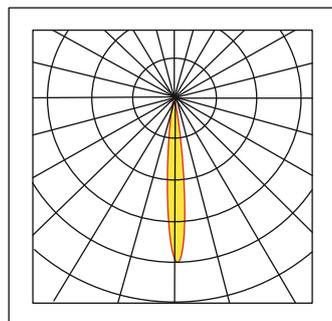
Other CCT's & CRI's available on request

FLUX		WATTAGE		MODEL NO.
3000K	RGBW	3000K	RGBW	
46400lm	25650lm	580W	570W	NFL-5-252
39000lm	20000lm	600W	500W	NFL-5-176
23200lm	12825lm	290W	285W	NFL-5-126
19500lm	10000lm	300W	250W	NFL-5-88

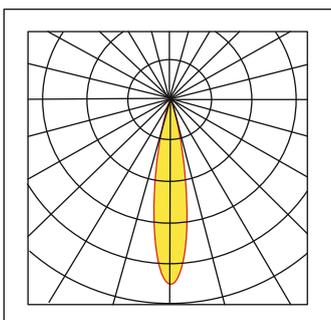
OPTICS



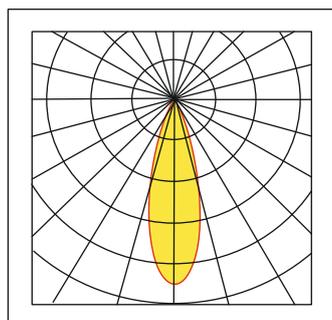
4°



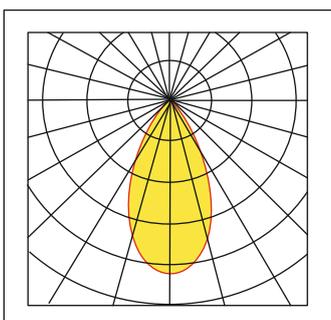
9°



13°



25°



35°

*More Optics Available On Request.



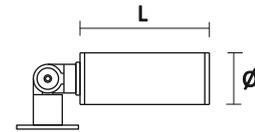
SPOT LIGHTS

Mounting

- Suitable for surface mounting

Materials

- Aluminium.
- Tempered Glass
- Stainless steel fasteners.



	Ø	L
NSL-5S	Ø65mm	140mm
NSL-10S	Ø65mm	140mm
NSL-20S	Ø90mm	160mm
NSL-30S	Ø108mm	200mm
NSL-40S	Ø145mm	200mm

Structure - Main Components

- Body in plain cylindrical shape made of aluminium .
- Silicon Gasket ensures the Ingress Protection .
- Screen made of Transparent Tempered Glass.

Electrical Auxiliaries

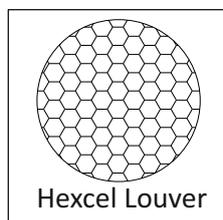
- Electronic power supply for LED module which gives Protection against short circuit, over current, over voltages & Surge.

IP Rating – IP66

Finish

- Powder Coating
- Standard color is Black

Accessories (Optional-Available on Additional Cost)





TECHNICAL CHARACTERISTICS – LED MODULE

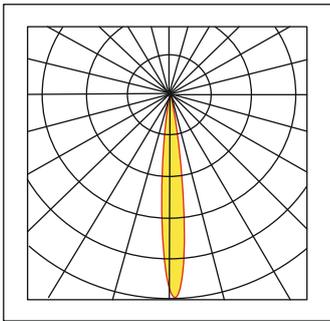
CCT & CRI OPTIONS

3000K – CRI>80

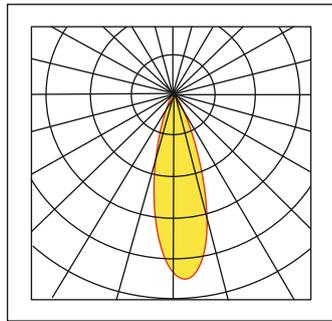
Other CCT's & CRI's available on request

FLUX	WATTAGE	MODEL NO.
400lm	5W	NSL-5S
800lm	10W	NSL-10S
1600lm	20W	NSL-20S
2400lm	30W	NSL-30S
3200lm	40W	NSL-40S

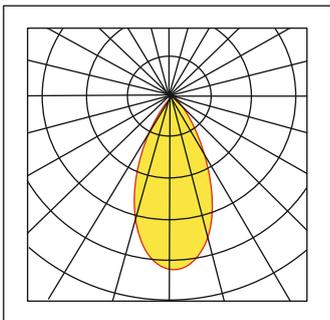
OPTICS



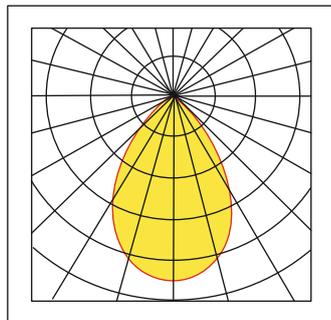
15°



24°

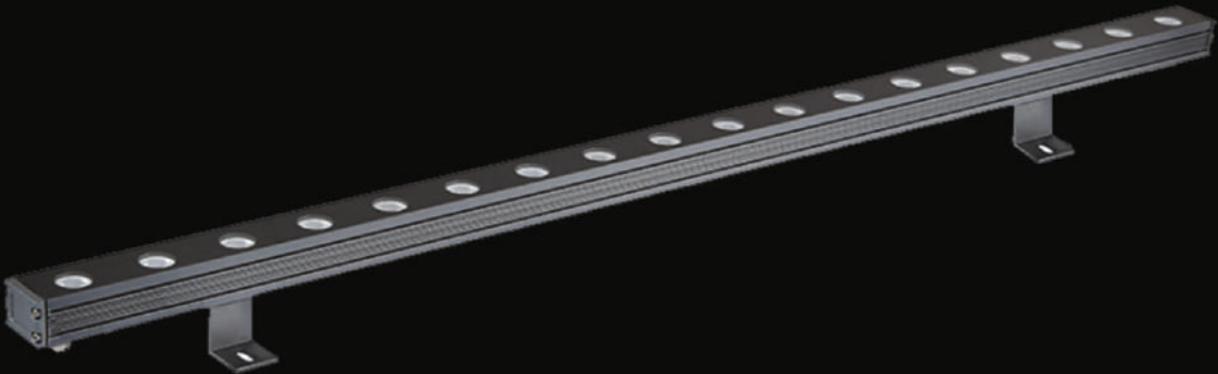


36°



60°

*More Optics Available On Request.



LINEAR WALL WASHER LIGHTS

Mounting

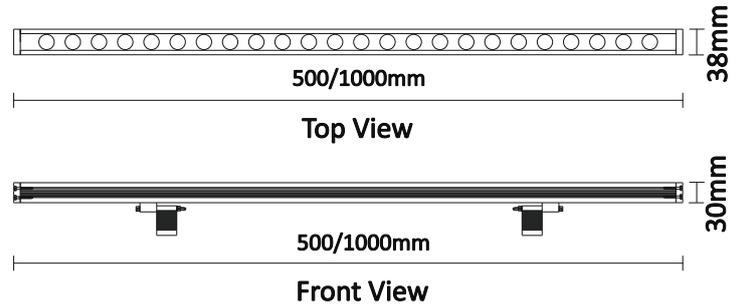
- Suitable for surface mounting.

Materials

- Aluminium .
- Tempered Glass

Structure - Main Components

- Body in rectangular shape made of aluminium .
- Silicon Gasket between frames ensures the Ingress Protection .
- Screen made of clear Tempered Glass.



Electrical Auxiliaries

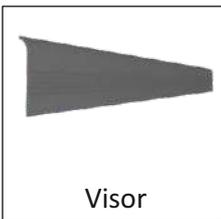
- External Electronic power supply for LED module which gives Protection against short circuit, over current, over voltages & Surge.
- RGBW Light fixtures are DMX 512 compatible by inbuilt DMX decoder.

IP Rating – IP66

Finish

- Anodized Aluminium

Accessories (Optional-Available on Additional Cost)





TECHNICAL CHARACTERISTICS – LED MODULE

CCT & CRI OPTIONS

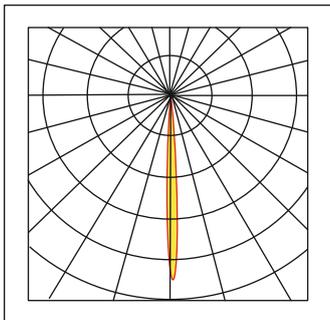
3000K – CRI>80

RGB/RGBW

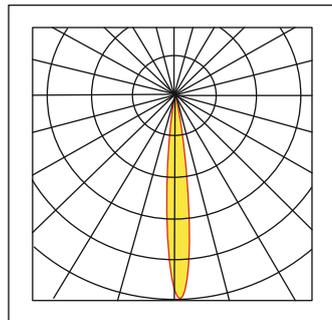
Other CCT's & CRI's available on request

FLUX		WATTAGE		MODEL NO.
3000K	RGBW	3000K	RGBW	
3600lm	1440lm	48W	48W	NWWL-7-24
2700lm	1080lm	36W	36W	NWWL-7-18
1875lm	750lm	25W	25W	NWWL-7-12
900lm	360lm	12W	12W	NWWL-7-9

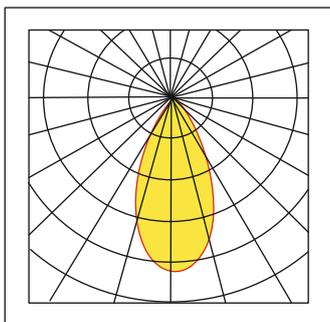
OPTICS



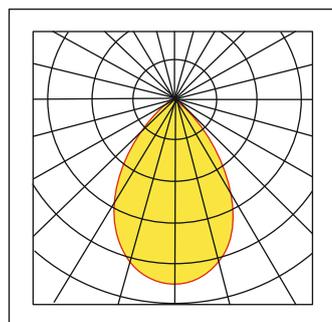
10°



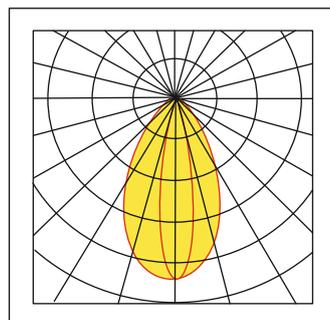
15°



30°

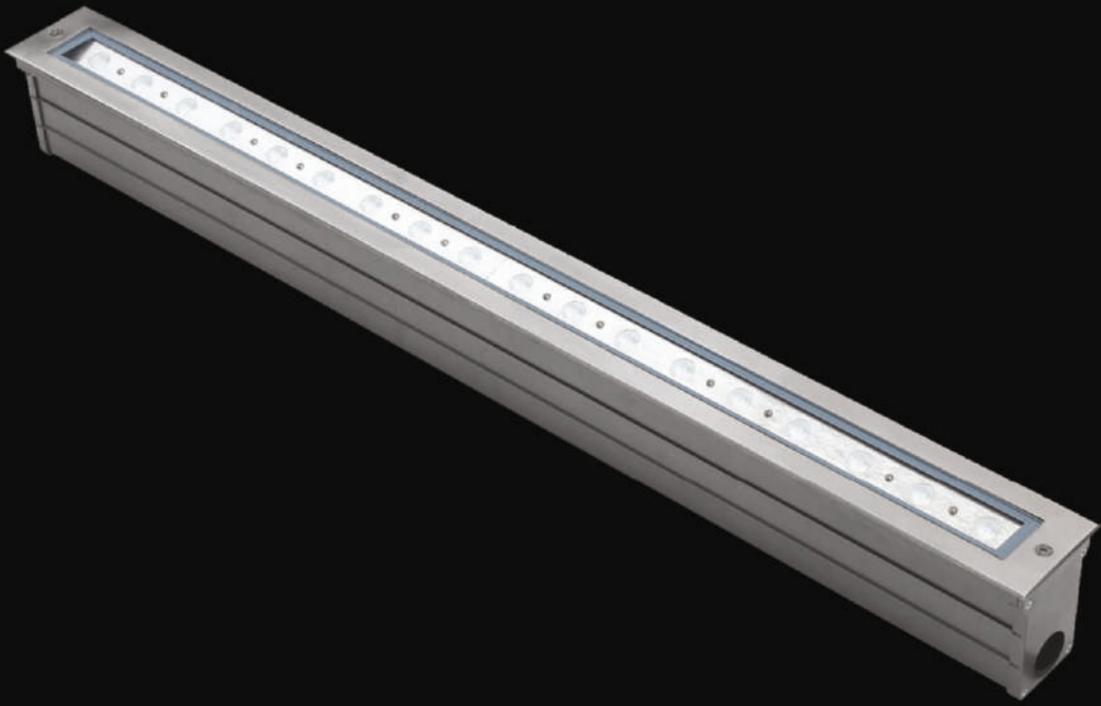


60°



20° X 45°

*More Optics Available On Request.



LINEAR GROUND BURIED LIGHTS (DRIVE OVER)

Mounting

- Suitable for Ground buried.

Materials

- Die Cast Aluminium
- Stainless Steel.
- Tempered Glass

Structure - Main Components

- Body in rectangular shape made of high pressure die cast aluminium.
- Top cover in Stainless steel.
- Silicon Gasket between frames ensures the Ingress Protection .
- Screen made of clear Tempered Glass.

Electrical Auxiliaries

- External Electronic power supply for LED module which gives Protection against short circuit, over current, over voltages & Surge.
- RGB Light fixtures are DMX 512 compatible by inbuilt DMX decoder.

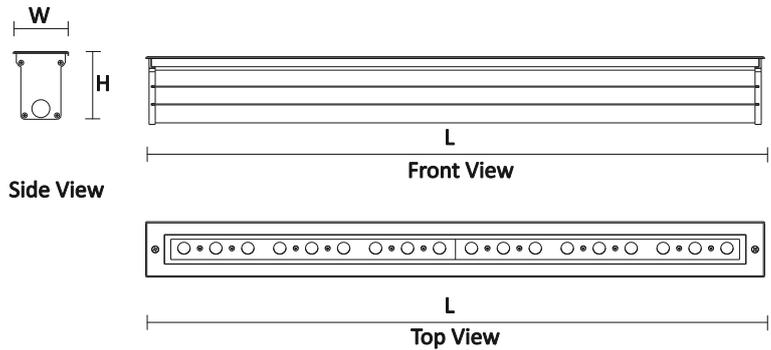
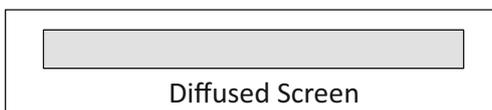
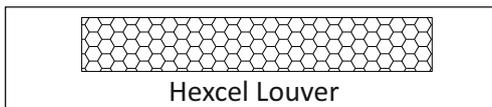
IP Rating – IP67

Load Bearing Capacity-2500Kg.

Finish

- SS Finish

Accessories (Optional-Available on Additional Cost)



	W	H	L
NGB-3-3	90mm	110mm	231mm
NGB-3-6	90mm	110mm	380mm
NGB-3-9	90mm	110mm	534mm
NGB-3-12	90mm	110mm	689mm
NGB-3-18	90mm	110mm	1000mm



TECHNICAL CHARACTERISTICS – LED MODULE

CCT & CRI OPTIONS

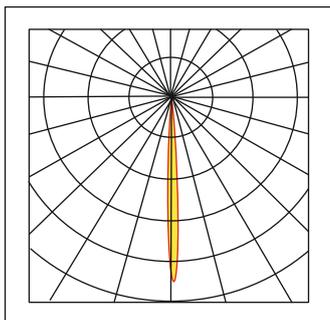
3000K – CRI>80

RGB

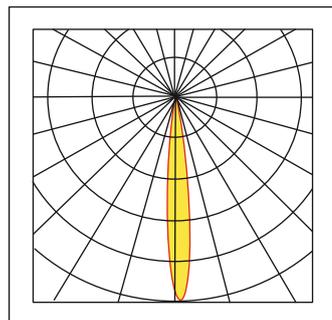
Other CCT's & CRI's available on request

FLUX		WATTAGE		MODEL NO.
3000K	RGB	3000K	RGB	
520lm	240lm	8W	8W	NGB-3-3
975lm	450lm	15W	15W	NGB-3-6
1560lm	720lm	21W	21W	NGB-3-9
1820lm	780lm	28W	26W	NGB-3-12
2730lm	1260lm	42W	42W	NGB-3-18

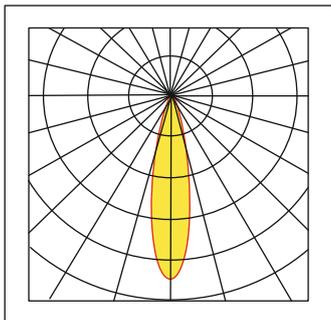
OPTICS



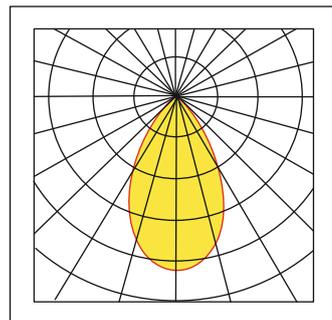
10°



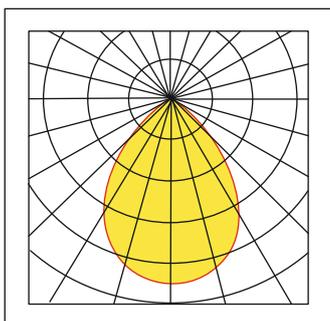
15°



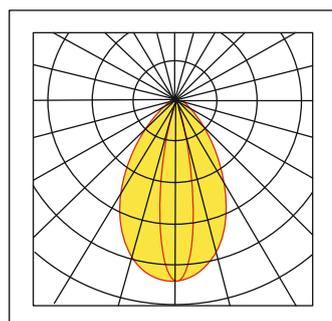
25°



40°

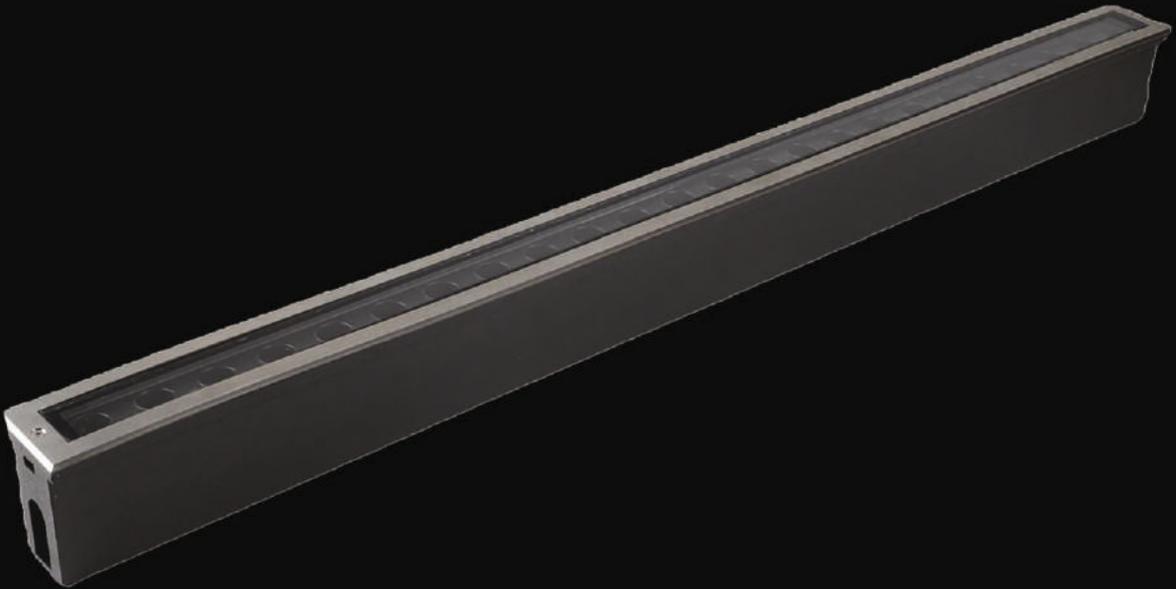


60°



18° X 56°

*More Optics Available On Request.



LINEAR GROUND BURIED LIGHTS (WALKOVER)

Mounting

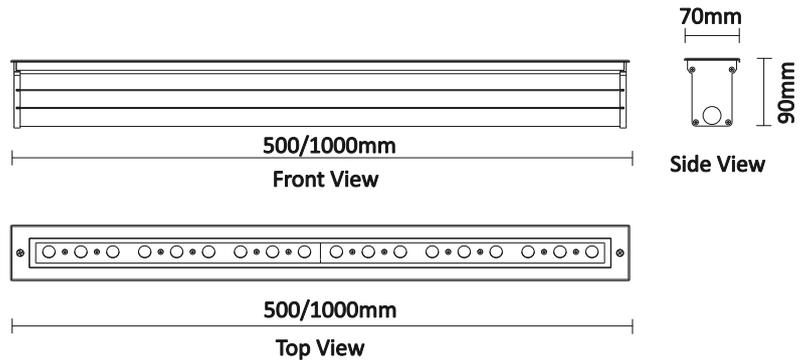
- Suitable for Ground buried.

Materials

- Die Cast Aluminium
- Stainless Steel.
- Tempered Glass

Structure - Main Components

- Body in rectangular shape made of high pressure die cast aluminium.
- Top cover in Stainless steel.
- Silicon Gasket between frames ensures the Ingress Protection .
- Screen made of clear Tempered Glass.



Electrical Auxiliaries

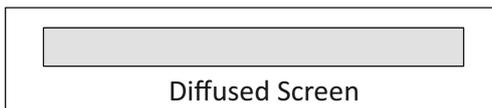
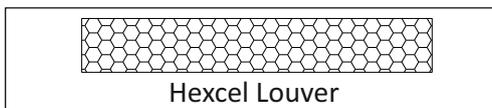
- External Electronic power supply for LED module which gives Protection against short circuit, over current, over voltages & Surge.
- RGBW Light fixtures are DMX 512 compatible by inbuilt DMX decoder.

IP Rating – IP67

Finish

- SS Finish

Accessories (Optional-Available on Additional Cost)





TECHNICAL CHARACTERISTICS – LED MODULE

CCT & CRI OPTIONS

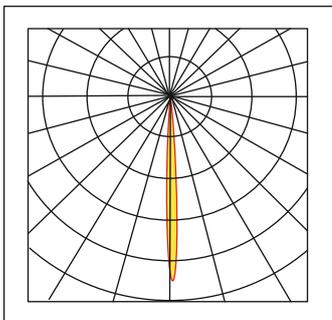
3000K – CRI>80

RGB/RGBW

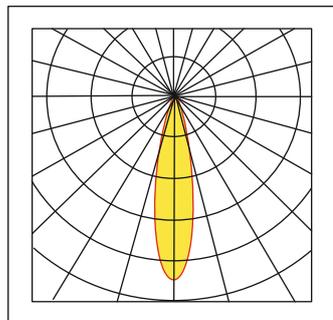
Other CCT's & CRI's available on request

FLUX		WATTAGE		MODEL NO.
3000K	RGBW	3000K	RGBW	
2730lm	1680lm	42W	48W	NGB-3-18
2275lm	1225lm	35W	35W	NGB-3-12
1170lm	630lm	18W	18W	NGB-3-9
585lm	315lm	9W	9W	NGB-3-6

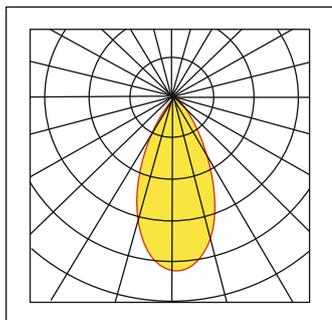
OPTICS



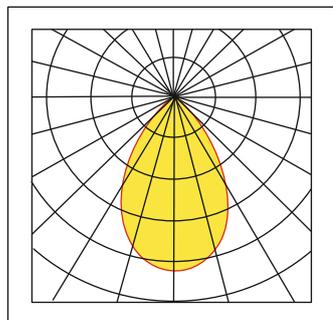
10°



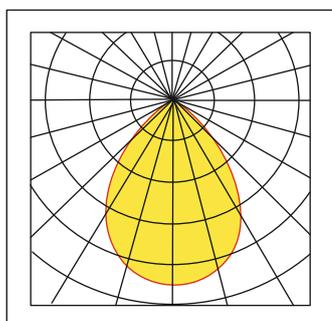
25°



30°



45°



60°

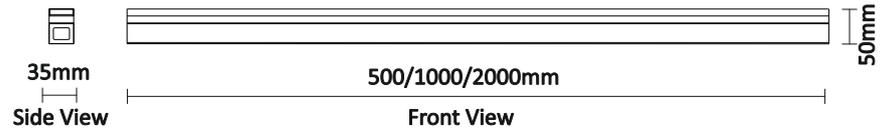
*More Optics Available On Request.



LINEAR PROFILE LIGHTS

Mounting

- Suitable for Recessed Mounting.



Materials

- Aluminium.
- Tempered Glass

Structure - Main Components

- Body in Rectangular shape made of aluminium.
- Diffused Screen in Tempered Glass.

Electrical Auxiliaries

- External Electronic power supply for LED module which gives Protection against short circuit, over current, over voltages & Surge.

IP Rating– IP67

Finish

- Aluminium Finish

Accessories (Optional-Available on Additional Cost)





TECHNICAL CHARACTERISTICS – LED MODULE

CCT & CRI OPTIONS

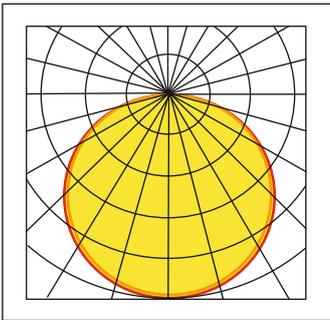
3000K – CRI>80

RGB/RGBW

Other CCT's & CRI's available on request

FLUX		WATTAGE		MODEL NO.
3000K	RGBW	3000K	RGBW	
250lm	125lm	5W	5W	NLP-D-5-25
500lm	250lm	10W	10W	NLP-D-5-25
1000lm	500lm	20W	20W	NLP-D-5-25

OPTICS





CIRCULAR GROUND BURIED LIGHTS (DRIVE OVER)

Mounting

- Suitable for Ground buried.

Materials

- Die Cast Aluminium
- Stainless Steel.
- Tempered Glass

Structure - Main Components

- Body in circular shape made of high pressure die cast aluminium.
- Top cover in Stainless steel.
- Silicon Gasket between frames ensures the Ingress Protection .
- Screen made of clear Tempered Glass.

Electrical Auxiliaries

- External Electronic power supply for LED module which gives Protection against short circuit, over current, over voltages & Surge.
- RGB Light fixtures are DMX 512 compatible by inbuilt DMX decoder.

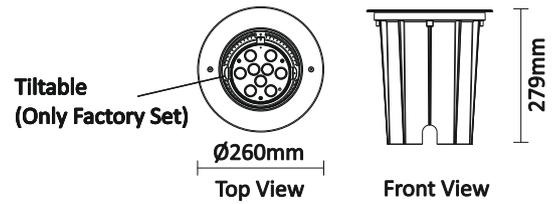
IP Rating – IP67

Load Bearing Capacity-2500Kg.

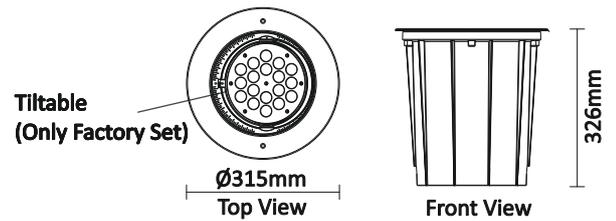
Finish

- SS Finish

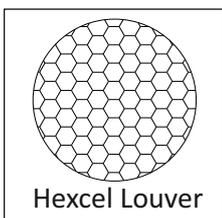
Accessories (Optional-Available on Additional Cost)



NGB-5-9
NGB-5-12



NGB-5-18
NGB-5-24





TECHNICAL CHARACTERISTICS – LED MODULE

CCT & CRI OPTIONS

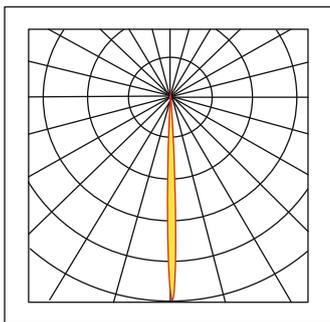
3000K – CRI>80

RGB

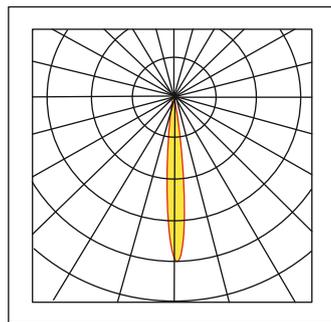
Other CCT's & CRI's available on request

FLUX		WATTAGE		MODEL NO.
3000K	RGB	3000K	RGB	
1430lm	840lm	22W	24W	NGB-5-9
1820lm	1050lm	28W	30W	NGB-5-12
2600lm	1400lm	40W	40W	NGB-5-18
3250lm	1750lm	50W	50W	NGB-5-24

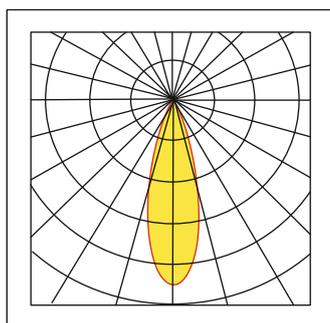
OPTICS



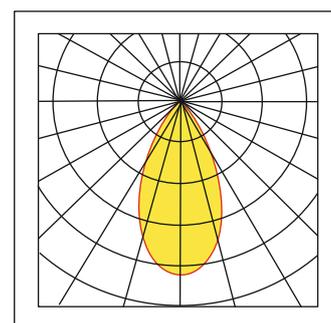
6°



10°

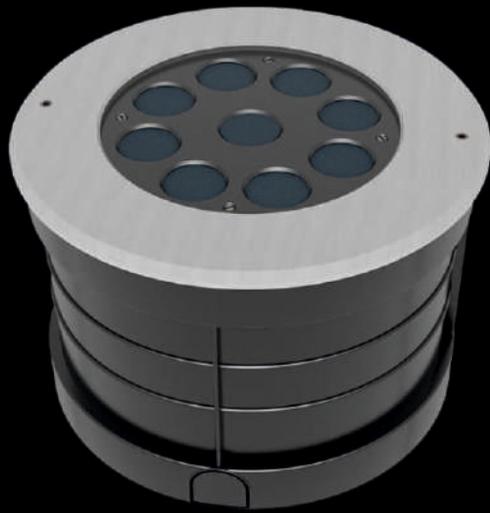


25°



35°

*More Optics Available On Request.



CIRCULAR GROUND BURIED LIGHTS (WALK OVER)

Mounting

- Suitable for Ground buried

Materials

- Die cast aluminium.
- Stainless Steel.
- Tempered Glass.
- Stainless steel fasteners.

Structure - Main Components

- Body in circular shape made of high pressure die cast aluminium.
- Top cover in stainless steel.
- Gasket ensures the Ingress Protection.
- Screen made of Transparent Tempered Glass.

Electrical Auxiliaries

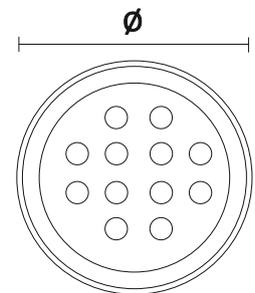
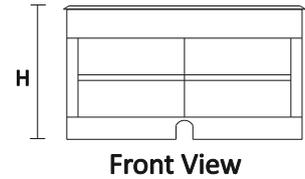
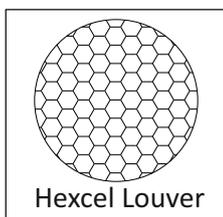
- External Electronic power supply for LED module which gives Protection against short circuit, over current, over voltages & Surge.

IP Rating – IP67

Finish

- Standard color is Grey

Accessories (Optional-Available on Additional Cost)



	Ø	H
NGB-6-18	Ø210mm	120mm
NGB-6-12	Ø180mm	125mm
NGB-6-9	Ø160mm	110mm
NGB-6-5	Ø130mm	98mm
NGB-6-3	Ø35mm	60mm



TECHNICAL CHARACTERISTICS – LED MODULE

CCT & CRI OPTIONS

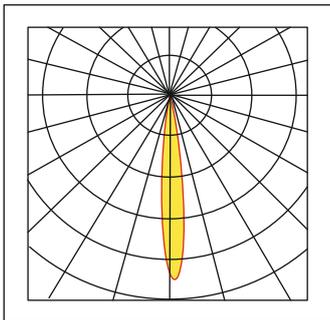
3000K – CRI>80

RGB

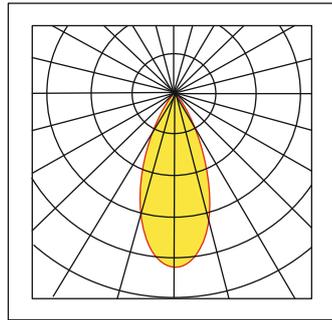
Other CCT's & CRI's available on request

FLUX		WATTAGE		MODEL NO.
3000K	RGB	3000K	RGB	
210lm	105lm	3W	3W	NGB-6-3
420lm	210lm	6W	6W	NGB-6-5
630lm	315lm	9W	9W	NGB-6-9
840lm	420lm	12W	12W	NGB-6-12
1260lm	630lm	18W	18W	NGB-6-18

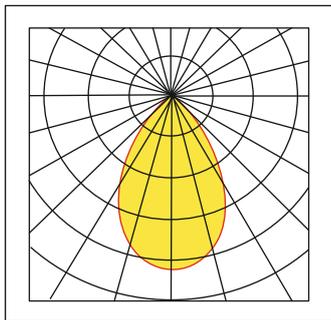
OPTICS



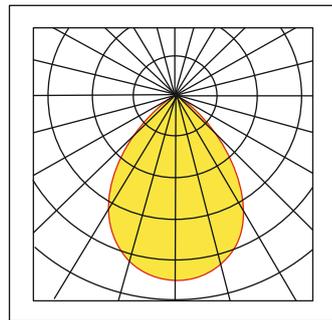
15°



30°



45°



60°

*More Optics Available On Request.



NEON FLEX-TOP & SIDE BENDING

Mounting

- Suitable for Surface Mounted installations.

Materials

- Silicon.
- Aluminium.

Structure - Main Components

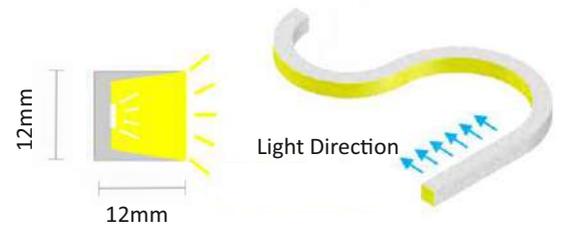
- Neon Flex encapsulated with silicon which ensures the Ingress Protection & provides diffused lighting effect
- Mounting channel/Clips in Aluminium.

Electrical Auxiliaries

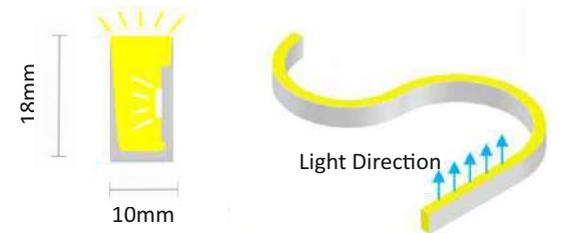
- External Electronic power supply for LED module which gives Protection against short circuit, over current, over voltages & Surge.

IP Rating – IP67/IP68

Accessories (Optional-Available on Additional Cost)



Top Bending



Side Bending



Mounting Clips-3 Pieces/Mtr.



TECHNICAL CHARACTERISTICS – LED MODULE

CCT & CRI OPTIONS

3000K – CRI>80

RGB/RGBW

Other CCT's & CRI's available on request

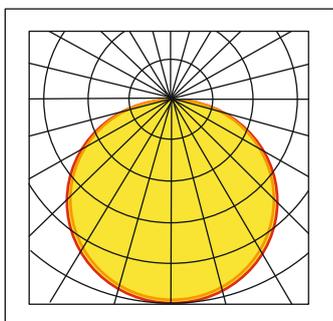
Top Bending

FLUX		WATTAGE		MODEL NO.
3000K	RGBW	3000K	RGBW	
250lm/M	125lm/M	5W/M	5W/M	NLS-N-5
500lm/M	250lm/M	10W/M	10W/M	NLS-N-10
750lm/M	375lm/M	15W/M	15W/M	NLS-N-15

Side Bending

FLUX		WATTAGE		MODEL NO.
3000K	RGBW	3000K	RGBW	
125lm/M	65lm/M	5W/M	5W/M	NLS-N-5
250lm/M	130lm/M	10W/M	10W/M	NLS-N-10
375lm/M	195lm/M	15W/M	15W/M	NLS-N-15

OPTICS





NEON PIXEL FLEX-TOP & SIDE BENDING

Mounting

- Suitable for Surface Mounted installations.

Materials

- Silicon.
- Aluminium.

Structure - Main Components

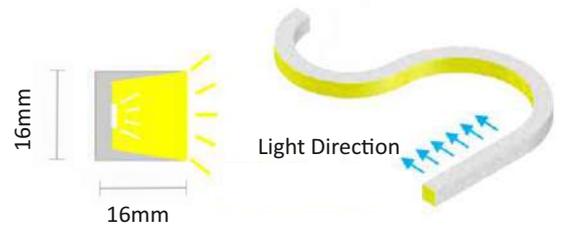
- Neon Flex encapsulated with silicon which ensures the Ingress Protection & provides diffused lighting effect
- Mounting channel/Clips in Aluminium.

Electrical Auxiliaries

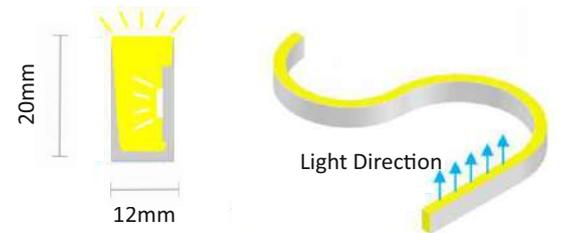
- External Electronic power supply for LED module which gives Protection against short circuit, over current, over voltages & Surge.

IP Rating – IP67

Accessories (Optional Available on Additional Cost)



Top Bending



Side Bending

Nos.Of Pixels-10Nos./Mtr.



Mounting Clips-3 Pieces/Mtr.



TECHNICAL CHARACTERISTICS – LED MODULE

CCT & CRI OPTIONS

3000K – CRI>80

RGB/RGBW

Other CCT's & CRI's available on request

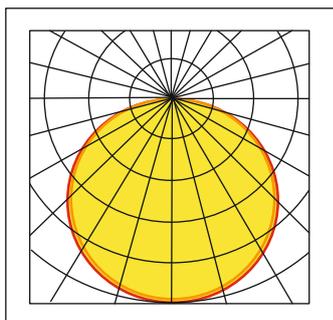
FLUX

FLUX		WATTAGE		MODEL NO.
3000K	RGBW	3000K	RGBW	
250lm/M	125lm/M	5W/M	5W/M	NLS-NP-5
500lm/M	250lm/M	10W/M	10W/M	NLS-NP-10
750lm/M	375lm/M	15W/M	15W/M	NLS-NP-15

Side Bending

FLUX		WATTAGE		MODEL NO.
3000K	RGBW	3000K	RGBW	
125lm/M	65lm/M	5W/M	5W/M	NLS-NP-5
250lm/M	130lm/M	10W/M	10W/M	NLS-NP-10
375lm/M	195lm/M	15W/M	15W/M	NLS-NP-15

OPTICS





LED STRIP

Mounting

- Suitable for Surface Mounted installations.

Materials

- Silicon.
- Aluminium.
- Acrylic.

Structure - Main Components

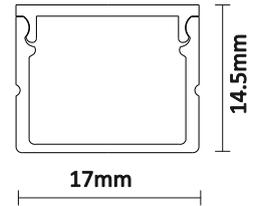
- LED Strip encapsulated with silicon which ensures the Ingress Protection.
- Mounting channel in Aluminium.
- Opal white Diffuser Screen in Acrylic

Electrical Auxiliaries

- External Electronic power supply for LED module which gives Protection against short circuit, over current, over voltages & Surge.
- RGBW Light fixtures are DMX 512 compatible by inbuilt DMX decoder.

IP Rating – IP65/IP67/IP68

Accessories (Optional-Available on Additional Cost)



Front View
Channel



2 Way Connector



3 Way Connector



TECHNICAL CHARACTERISTICS – LED MODULE

CCT & CRI OPTIONS

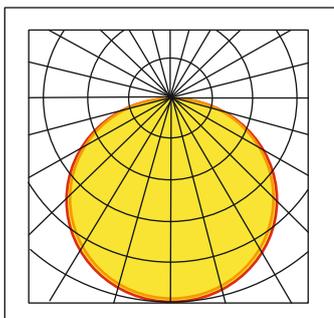
3000K – CRI>80

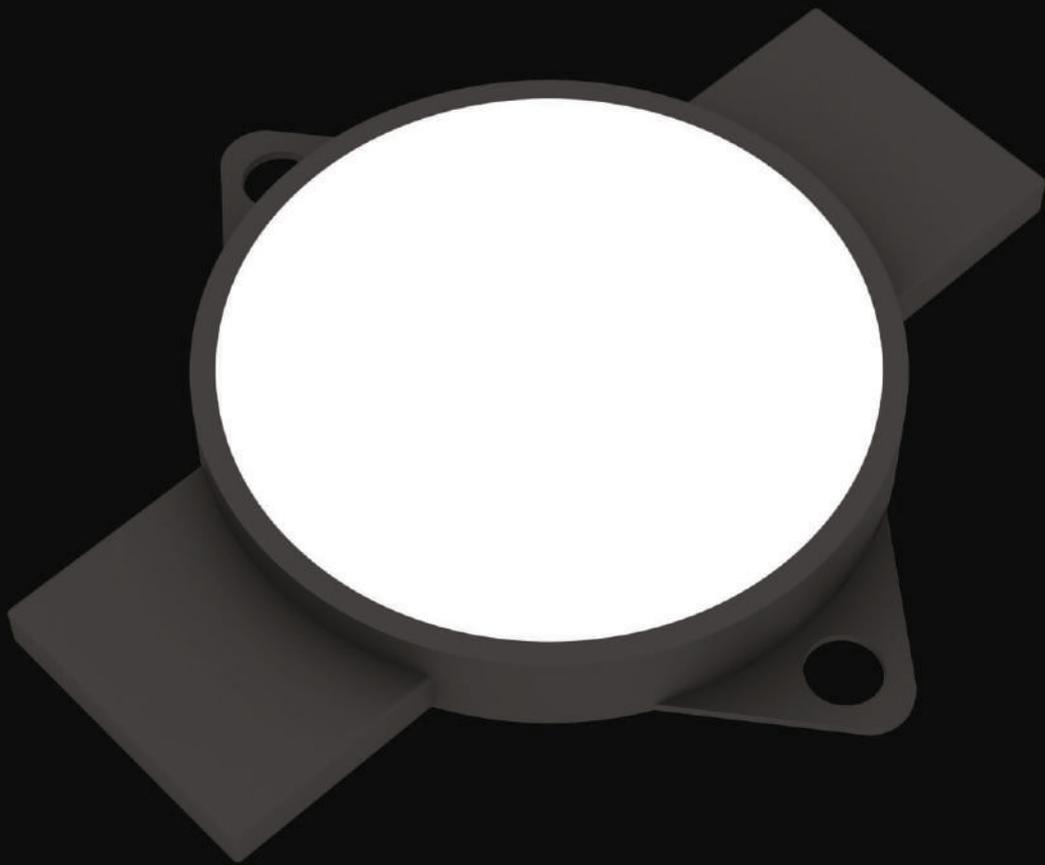
RGB/RGBW

Other CCT's & CRI's available on request

FLUX		WATTAGE		MODEL NO.
3000K	RGBW	3000K	RGBW	
500lm/M	175lm/M	5W/M	5W/M	NLS-5
1000lm/M	350lm/M	10W/M	10W/M	NLS-10
1500lm/M	525lm/M	15W/M	15W/M	NLS-15

OPTICS





LED PIXELS

Mounting

- Suitable for Surface/Slot Mounting.

Materials

- Polycarbonate
- Aluminium.

Structure - Main Components

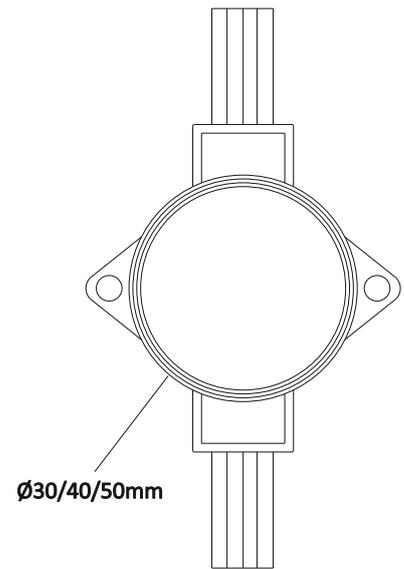
- Body Made Of Polycarbonate.
- Mounting Channel in aluminium.

Electrical Auxiliaries

- External Electronic power supply for LED module which gives Protection against short circuit, over current, over voltages & Surge.
- RGBW Light fixtures are DMX 512 compatible by inbuilt DMX decoder.

IP Rating – IP67

Accessories (Optional-Available on Additional Cost)





TECHNICAL CHARACTERISTICS – LED MODULE

CCT & CRI OPTIONS

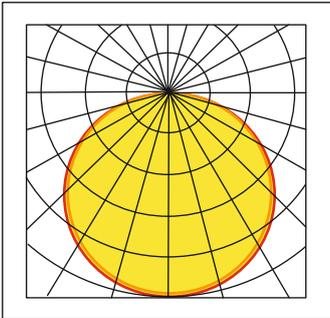
3000K – CRI>80

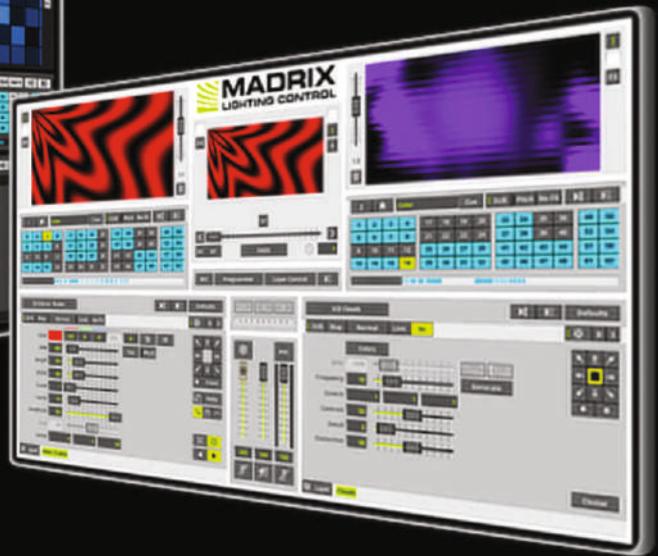
RGB/RGBW

Other CCT's & CRI's available on request

FLUX		WATTAGE		MODEL NO.
3000K	RGBW	3000K	RGBW	
80lm	40lm	1W	1W	NPXL-30
160lm	80lm	2W	2W	NPXL-40
240lm	120lm	3W	3W	NPXL-50

OPTICS





DMX CONTROL SYSTEM



DMX CONTROLLER

- Nicolaudie
- Pharos
- Madrix



DMX ARTNETS NODES

- Madrix
- Swisson
- PXM



DMX SPLITTERS

- Swisson
- PXM



Accessories

- 2 Way Connector
- IP Rating –IP 68



- 3 Way Connector
- IP Rating –IP 68



TECHNICAL FOCUS

Standards and certification

Standards and certification
Directives
Degree of protection
Classification

STANDARDS AND CERTIFICATION

ISO 9001:2008

The ISO 9001 standard is used by Neri to certify its ability to create products that meet the needs of its clients, in line with the standards and regulations in force, applying quality control methods and procedures.

ISO 14001:2004

14001 certification means that Neri tests and checks the impact of its activities on the environment. We should also point out that for the main part of its production, Neri uses water-based paint products with a very low impact on the ecosystem.



CE certification

The CE mark certifies that products conform to the relevant European directives, guaranteeing that the product is suitable to be sold freely within the EU member states.

UNI EN 40-5:2002

UNI EN 40-5 :2012 certification serves to control the construction characteristics and resistance of steel columns for public street lighting. The essential requirements are calculated on the base of the posts' resistance to horizontal loads (wind) and to impact with road vehicles (passive safety).



ENEC

ENEC is the high-quality mark for electrical products, which certifies the compliance with European standards (luminaire: series EN 6598).



UL

The UL mark certifies the conformity of Neri's lighting products to American safety standards as set down in the UL 1598 standard.

DIRECTIVES

Directive 2002/95/EC

Electrical and electronic waste

European Directive 2002/95/EC concerning the reduction of hazardous substances in electrical and electronic equipment as well as the disposal of waste derived from the same.

The aim is to promote a logic of sustainable development in the electrical and electronic appliance sector (which also covers lighting equipment) for the purpose of ensuring correct handling of products at the end of their operating life and which can be implemented in full compliance with the Directive.

The manufacturer must take on the management costs incurred to collect in temporary storage points and the subsequent disposal of all waste derived from lighting equipment placed on the market after August 2006. Lighting equipment is marked to identify the manufacturer and bears the symbol of the crossed out wheelee bin to indicate that it must be disposed of separately from normal household/urban waste.

Final users may return the aforementioned items of equipment, at no additional cost, to the special collection points set up and indicated by the local authority. At the time of supplying new equipment dealers are under the obligation to guarantee collection of all used equipment on a one-for-one, like-for-like basis.

Directive RoHS

Restrictions on use of certain hazardous substances

The Legislative Decree cited above also incorporates Directive 2002/95/EC – RoHS (Restriction of Hazardous Substances) concerning the reduction of hazardous substances in electrical and electronic equipment. As of 1 July 2006 all new electrical and electronic equipment placed on the market must not contain or contain only limited amounts of substances such as: Lead; Mercury; Cadmium; Hexavalent Chromium; Polybrominated biphenyls (PBBs); Polybrominated diphenyl ethers (PBDEs).

Directive ERP 2009/125/CE

Energy related product

Directive 2009/125/EC orders the new standards for energy related products (ERP). It specifies minimum lamps and ballasts efficacies to install in manufactures circulating in the European Community to achieve an ecofriendly products. The regulation N°245 shows the correct classification for these lamps and ballasts. Minimum efficacy for discharge lamps to use in Neri products are expressed in the following tables: Stage 2 (starting from 13-04-2012).

DEGREE OF PROTECTION

Insulation class

Classification of devices according to their protection against electric shock.



Class I

On this equipment, protection is not just based on the main insulation, but also on additional safety measures, comprised of the connection of accessible conductive parts to a protective wire (earth).



Class II

On this equipment, (with double insulation), the design is such that no earth connection is required.



Class III

Equipment in this class has protection against electrical shocks based on the fact that there is no voltage above the lowest safety voltage.

IP protection

As defined in the international IEC 60529 standards, the IP code classifies the protection level against the ingress of solid objects, dust, accidental contacts. And also against the ingress of water or liquids into mechanical compartments or casing.

PROTECTION AGAINST SOLID OBJECTS

IP 0 _

No protection against the ingress of solid objects.

IP 1 _

Protected against solid objects over 50 mm, e.g. accidental touch by person's hands.

IP 2 _

Protected against solid objects over 12.5mm, e.g. person's fingers.

IP 3 _

Protected against solid objects over 2.5mm (tools).

IP 4 _

Protected against solid objects over 1mm (wires).

IP 5 _

Protected against dust ingress and against single wires.

IP 6 _

Totally protected against dust ingress and against single wires.

PROTECTION AGAINST LIQUIDS

IP _ 0

No protection

IP _ 1

Protection against vertically falling drops

IP _ 2

Protection against drops of water up to 15° from the vertical

IP _ 3

Protection against rainfall

IP _ 4

Protected against sprays of water

IP _ 5

Protected against jets of water

IP _ 6

Protected against waves

IP _ 7

Possible immersion

IP _ 8

Possible submersion

IK protection

The IK code pertains to the EN62262 European standard.

It is an international code that states the degree of protection against the intrusion of objects which impact on the surface.

RESISTANCE TO MECHANICAL IMPACT

IK01

0.14 joule

IK02

0.2 joule

IK03

0.35 joule

IK04

0.5 joule

IK05

0.7 joule

IK06

1 joule

IK07

2 joule

IK08

5 joule

IK09

10 joule

IK10

20 joule

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