


LYRA IP40







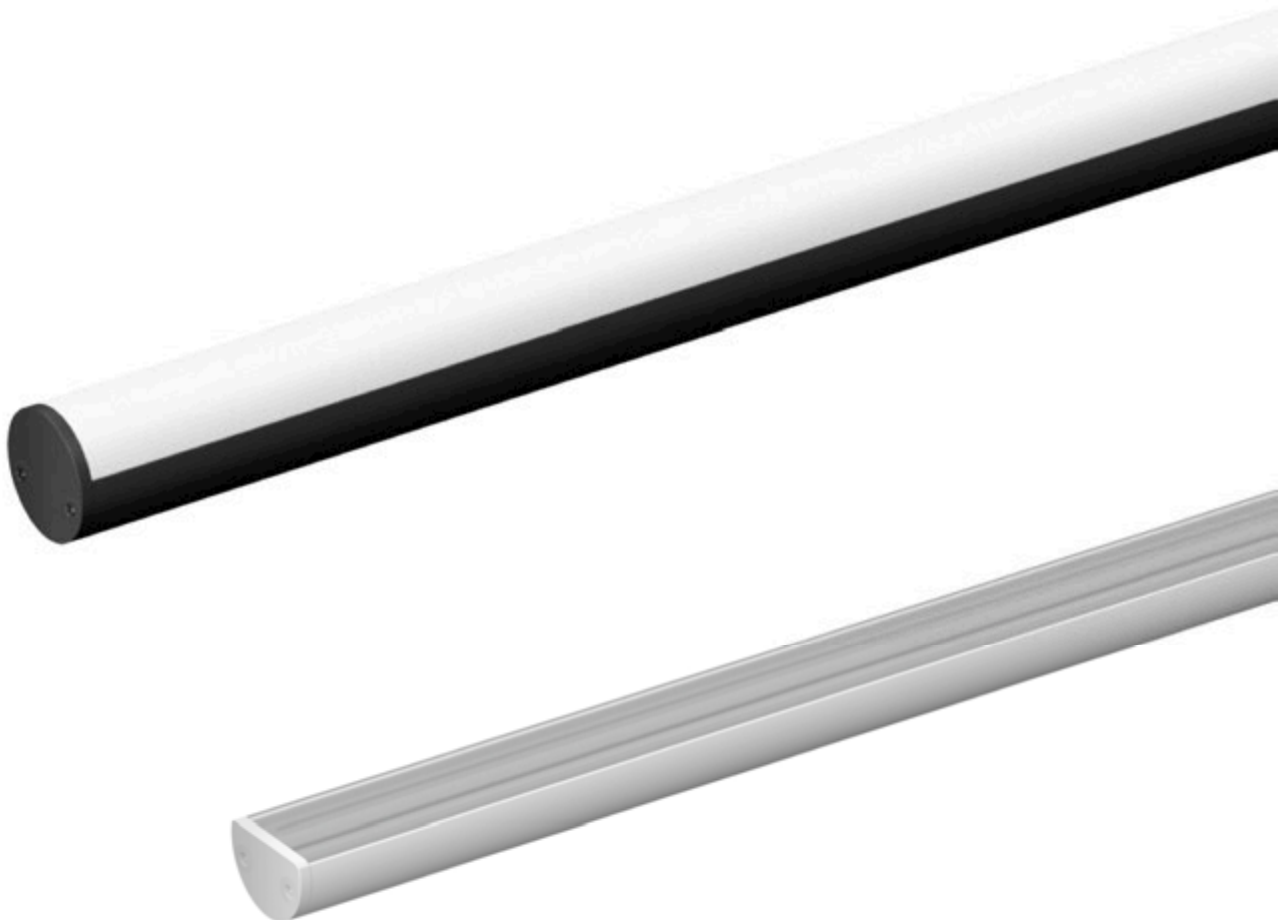
LYRA
THE
UNIVERSAL
LIGHTING
TOOL


LYRA

The universal lighting tool –
Perfectly shaped and stylish lighting solution

Elegant and refined design combined with precise optics: the round, perfectly shaped aluminum profile of LYRA has a diameter of only 20 mm. Endless applications open up by using 3 different round covers in clear, diffuse and opal for soft light lines and 3 linear lenses with 10°, 30° and 60° for precise light control. In addition, it can be used as a pendant or surface mounted lighting solution depending on the choice of accessories.

LYRA corresponds to protection class IP40 and is available in black and silver profile colors. It can be swiveled by almost 360° and finds its place for example in the architectural or cove lighting, where the 10° lens can be used for optimum wall grazing. The 30° and 60° lenses offer wide and deep light distributions. Retail lighting and applications such as product displays and shelf illumination are addressed by the uniform light distributions of the diffuse and opal covers. High CRI light engines ensure outstanding staging of the products, in which the stylish luminaire is more in the background and the product is brought into focus.





Black profile with opal cover*



Silver profile with 10° lens*

*The shown luminaires are just examples of profile / optic combinations. There are way more possible options.

LYRA

Features, benefits and various options!

Elegant lighting solution offering 3 easy mounting options



VarioClip 024 - available in silver and black



VarioContour 024 Surface Mounting Set



VarioPendant 024 Set - available in silver and black



3 Mounting accessories

Small profile with a diameter of only 20 mm (0.78") - 25% thinner than a T8 tube.
2 profile colors and variable lengths of up to 4 m (13.1') available.



Aluminum profile in 2 colors

9 efficient white LED tapes with 8 color temperatures, 3 IQ White tapes and 2 RGB tapes



14 LED tapes - made in Germany

6 optics, suitable for many different applications



3 PMMA covers and 3 linear lenses



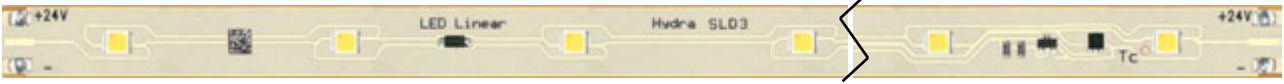
Linear LED luminaire in a round aluminum profile

Cross section	ø 20 mm (0.78")
Length	up to 4 m (13.1 ft)
Power	3 W/m - 25 W/m (0.91 W/ft - 7.6 W/ft)
Luminous flux	up to 3,240 lm/m (988 lm/ft)
Max. efficacy	up to 143 lm/W
Beam angle / optics	10°, 30°, 60°, 100° - 154°
Color temperatures	2,000 - 5,000 K
Colors	White, IQ White, RGB
CRI	85-95

LYRA White

Choose from 9 White LED tapes to match your application

VarioLED™ Flex HYDRA SLD3 – 250 mm (9.84”) step length



High efficiency with 143 Lumen/W

Low light output without dimming at 3 W/m (0.91 W/ft)

Perfect for cost effective linear lighting accents

VarioLED™ Flex HYDRA LD Series – 125 mm (4.92”) step length



CRI > 95 available

Up to 3,240 Lumen/m (988 lm/ft)

Ideally suited for the use with linear lenses for precise light control

VarioLED™ Flex HYDRA HD Series – 62.5 mm (2.46”) step length



Short LED pitch of only 8.9 mm (0.35”)

CRI > 95 available and up to 3,240 Lumen/m (988 lm/ft)

Can be used with opal covers for absolutely homogeneous light

2.200 K ← Tunable CCT → 4.000 K



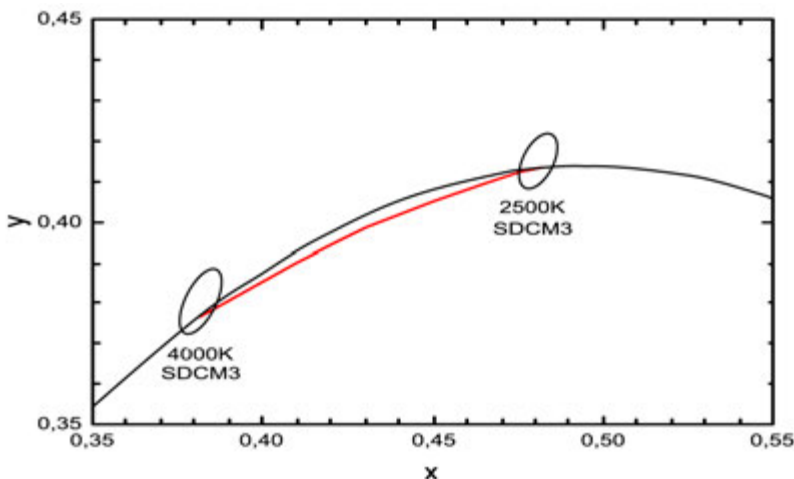
LYRA IQ White

Perfect CCT mixing all along the line

Superior mixing of warm white (2,200 K / 2,500 K) and neutral white (4,000 K) to stage your application. Homogeneous color temperature gives you an inimitable new lighting experience. Available are 3 IQ White tapes to match your application in terms of lumen output, length and color temperatures. Choose between IQ White HYDRA LD25 with a step length of 250 mm (9.84") or two different IQ White ATON HD versions with a step length of 62.5 mm (2.46") and either 12 or 24 Watt/m (3.6 or 7.3 Watt/ft) power input.

Example: LYRA IQ White HYDRA LD25

		Lumen/m (lm/ft) @ 60° lens	Color Temperature CCT
W825	●	1,220 (372)	2,500 K - 4,000 K
W840	●	1,490 (454)	
Total (W825 + W840)	●	2,710 (826)	



CCT mixing right below the Planckian locus with respect to the atmospheric optical window. This is the most natural and convenient method of mixing color temperatures depending on the daily course of the sun with an outstanding price performance.

We also offer 2 RGB tapes for atmospheric lighting and color accents for every application. Please find further details on page 15.

LYRA

3 lenses –

Precisely manufactured linear lenses for optimum light control

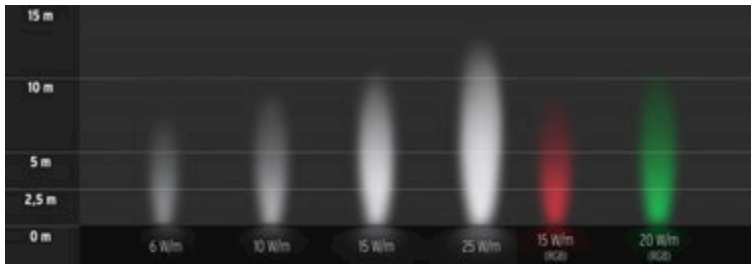


Lens 10°



Linear lens, narrow

- Narrow directional light distribution for precise illumination
- Brilliant and crisp illumination at very high luminance



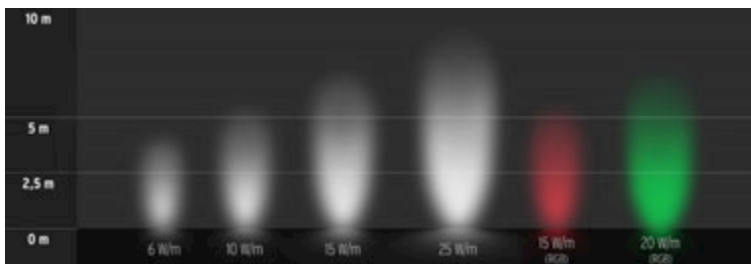
Grazing

Lens 30°



Linear lens, medium

- Precise, deep light distribution for accurate illumination of areas
- Thorough illumination at high luminance



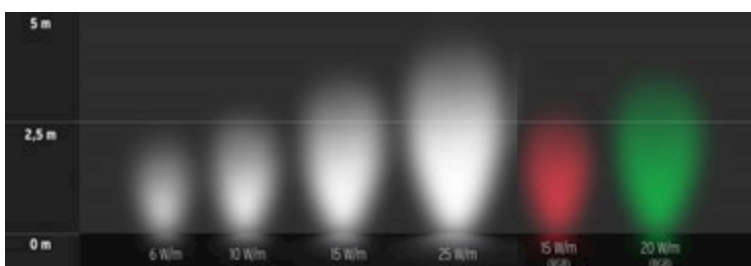
General lighting
Accent and decorative lighting

Lens 60°



Linear lens, wide

- Wide and deep light distribution for precise and generous illumination of areas
- Pleasant illumination at moderate luminance and directional light



Wall washing
General lighting
Accent and decorative lighting

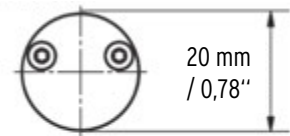


3 lenses for optimum light control



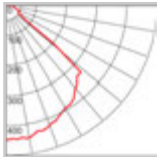


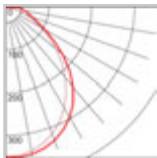
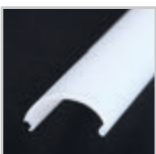

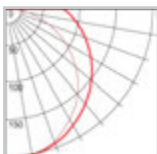


3 covers for soft light curves

3 covers –
High quality PMMA optics for soft light curves



Round covers in clear, diffuse and opal for various types of lighting: general lighting, accent and decorative lighting, contour lighting and cove lighting.

Article image	Pictogram	Light distribution curves	Beam Angle (FWHM)	
			120°	Clear cover, round
			100°	Diffuse cover, round
			154°	Opal cover, round

LYRA

Highlighting applications

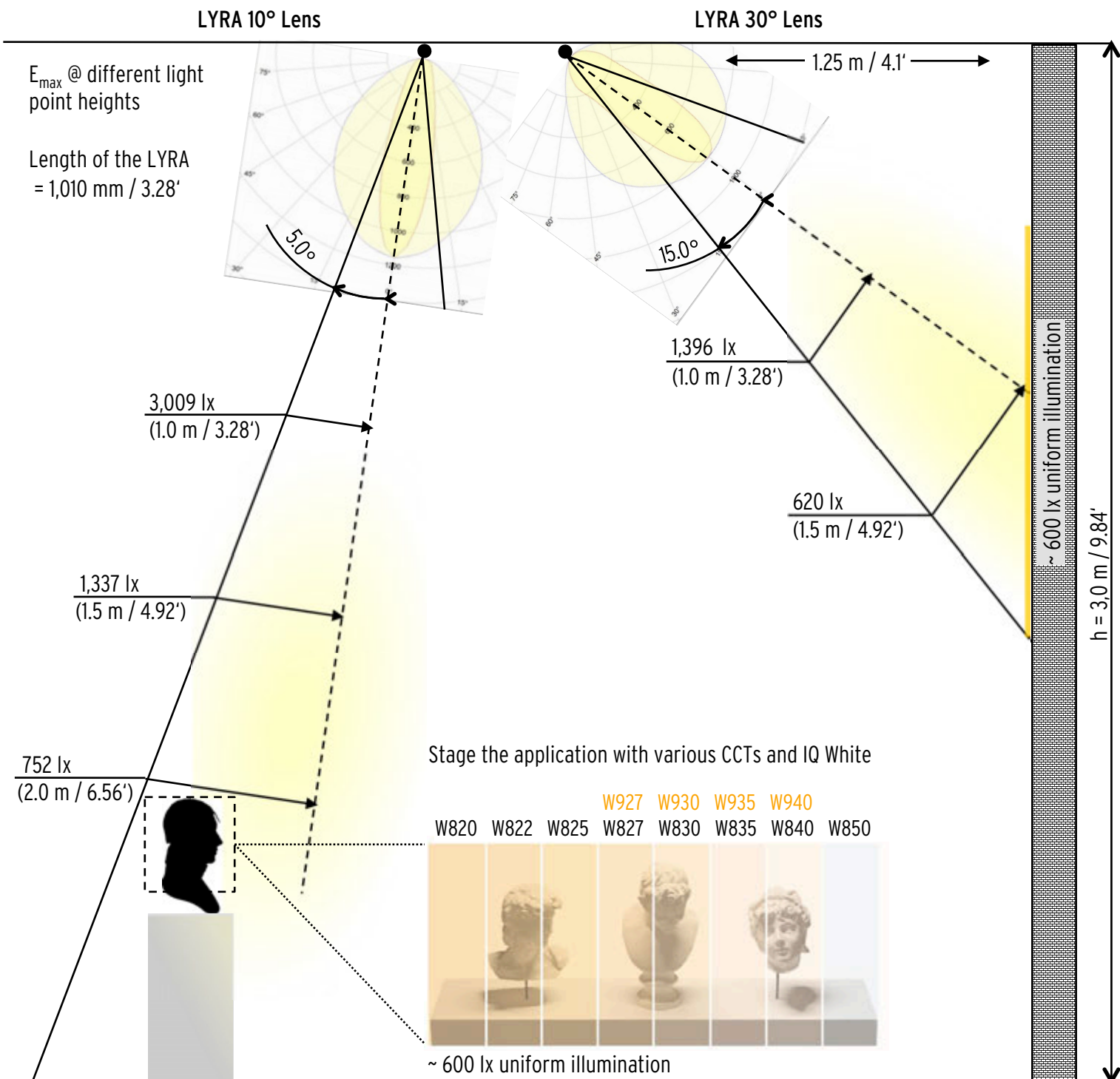
Focused illumination of objects to stage your scene. Various angles (FWHM) for highlighting, precise linear optics, CCT's and lumen packages. LYRA will enhance your experience in staging objects offering solutions for various installation heights.

LYRA HYD HD25 W835/1010-B-10D-IP40

- HD25 - Output of 3,220 lm/m (981 lm/ft)
- W835 - 3,500 K, CRI > 85
- 10° lens for narrow directional light

LYRA HYD HD15 W835/1010-B-30D-IP40

- HD15 - Output of 1,980 lm/m (603 lm/ft)
- W835 - 3,500 K, CRI > 85
- 30° lens for precise, deep light distribution

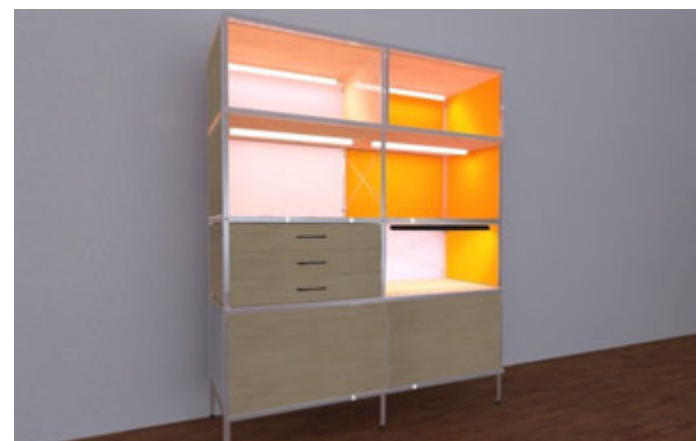
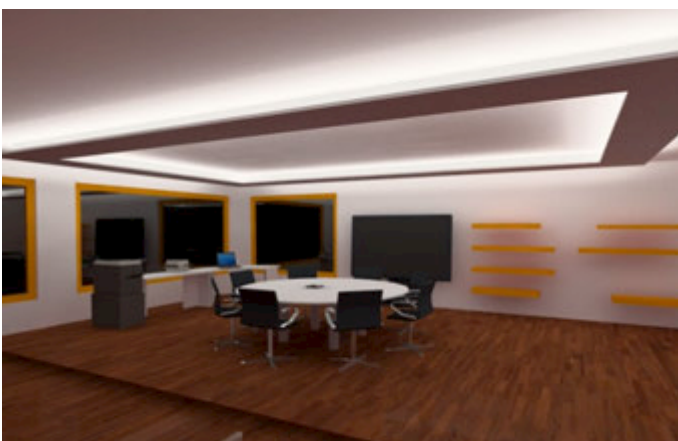
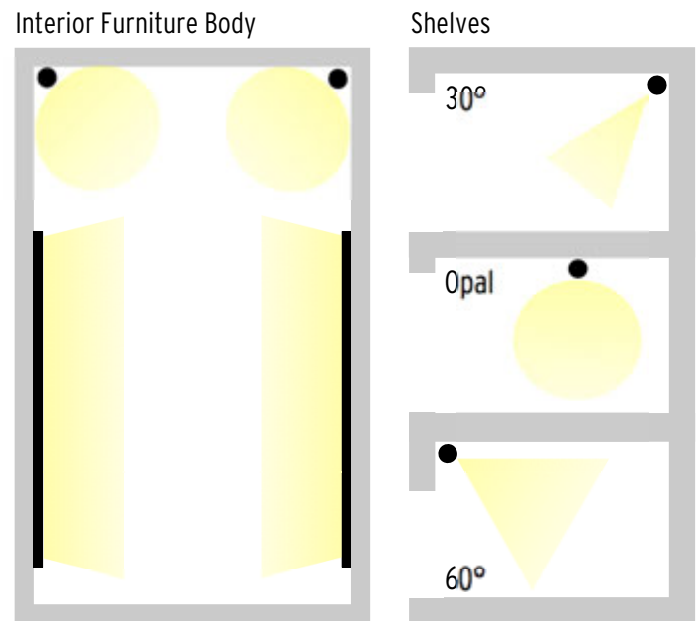
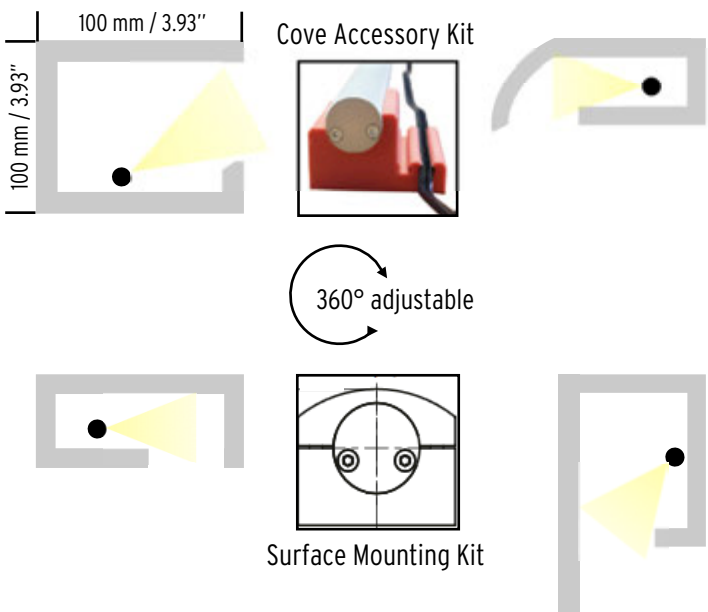
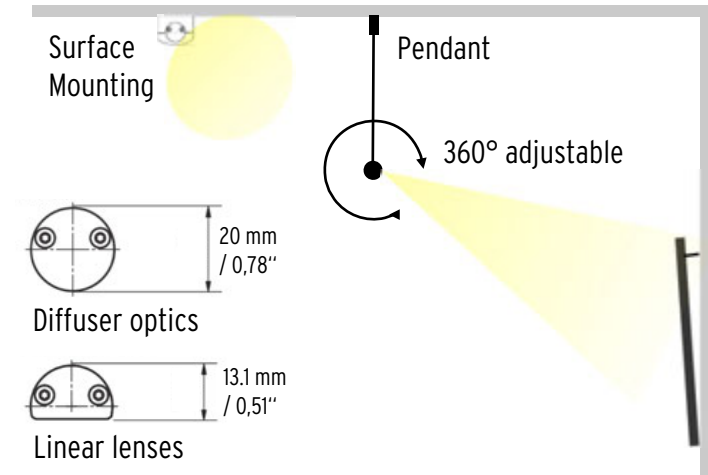


Cove lighting applications

LYRA approaches cove lighting in a revolutionary way. A turn-key solution with a 360° adjustable fixture. Its different optics guarantee perfect beam angle adjustment for various cove configurations.

Gallery and furniture lighting applications

The small diameter and the elegant appearance of the LYRA allow innovative solutions for gallery and furniture lighting.



Overview and Order Code



	Voltage (V)	CRI	Lumen/W (lm/W)	Watt/m (Watt/ft)	Lumen/m (Lumen/ft) ¹	Max. length m (ft)
LYRA HYDRA SLD3 IP40	24	85	143	3 (0.91)	430 (131)	4 (13.1)
LUNA HYDRA LD5 IP40	24	95	124	5 (1.52)	620 (189)	4 (13.1)
LUNA HYDRA LD10 IP40	24	85	125	10 (3.05)	1,250 (381)	4 (13.1)
LUNA HYDRA LD15 IP40	24	85	133	15 (4.56)	1,990 (606)	4 (13.1)
LUNA HYDRA LD25 IP40	24	85	130	25 (7.62)	3,240 (988)	3 (9.8)
LUNA HYDRA HD6 IP40	24	95	125	6 (1.82)	750 (228)	4 (13.1)
LUNA HYDRA HD10 IP40	24	95	125	10 (3.05)	1,250 (381)	4 (13.1)
LUNA HYDRA HD15 IP40	24	85	133	15 (4.56)	1,990 (606)	4 (13.1)
LUNA HYDRA HD25 IP40	24	85	130	25 (7.62)	3,240 (988)	3 (9.8)

Your order code	LYRA HYDRA	_____	W_	__	_____	_	__	IP40
Order code example	LYRA HYDRA	HD10	W9	25	1010	5	100	IP40

LED tape

- HYDRA SLD3 SLD3
- HYDRA LD5 LD5
- HYDRA LD10 LD10
- HYDRA LD15 LD15
- HYDRA LD25 LD25
- HYDRA HD6 HD6
- HYDRA HD10 HD10
- HYDRA HD15 HD15
- HYDRA HD25 HD25

Color rendering

- > 80 8
- > 90 (only LD5, HD6, HD10) 9

Color temperature

- 2000 K 20
- 2200 K 22
- 2500 K 25
- 2700 K 27
- 3000 K 30
- 3500 K 35
- 4000 K 40
- 5000 K 50

Length

- HYDRA SLD3: L = N x 250 + 10 mm; N = 1...16
- HYDRA LD: L = N x 125 + 10 mm; N = 1...32
- HYDRA HD: L = N x 62.5 + 10 mm; N = 1...64

Profile color

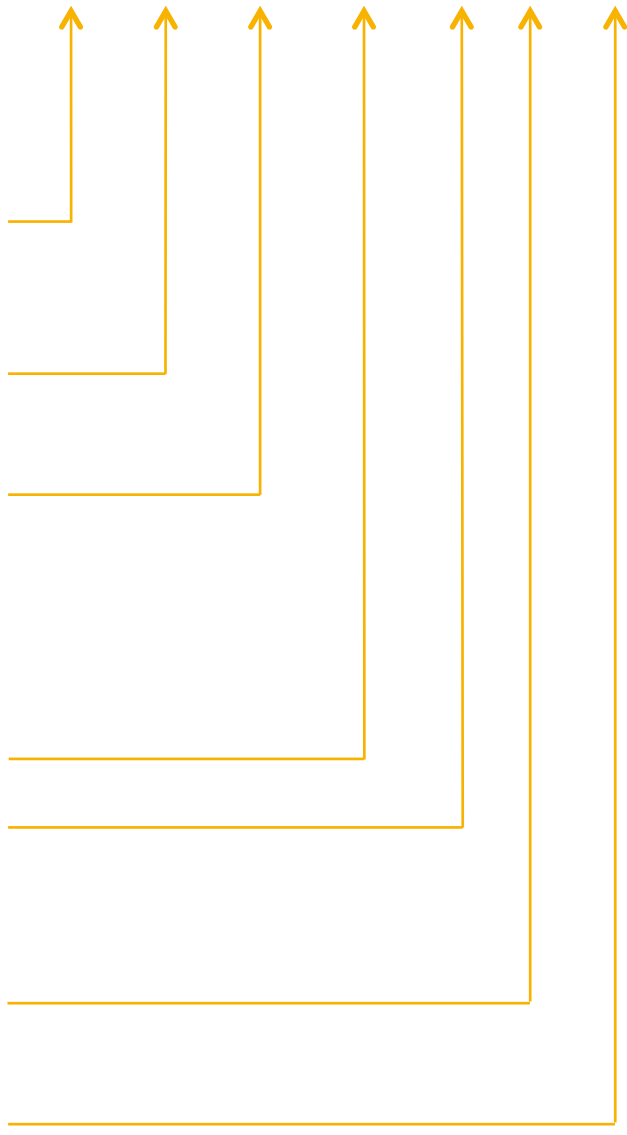
- Silver S
- Black B

Cover / Lens options

- Opal round cover OR
- Diffuse round cover DR
- Clear round cover CR
- Linear lens 10° Diffuse 10D
- Linear lens 30° Diffuse 30D
- Linear lens 60° Diffuse 60D

Ingress protection

- IP40 IP40





LYRA IQ White + RGB IP40

	Voltage (V)	CRI	Lumen/W (lm/W)	Watt/m (Watt/ft)	Lumen/m (Lumen/ft) ¹	Max. length m (ft)
LYRA IQ White HYDRA LD25 IP40	24	85	108	25 (7.6)	2,710 (826)	3 (9.8)
LYRA IQ White ATON HD12 IP40	24	85	77	12 (3.6)	900 (274)	4 (13.1)
LYRA IQ White ATON HD24 IP40	24	85	80	24 (7.3)	1,850 (564)	4 (13.1)
LYRA RGB LD15 IP40	24	-	40	15 (4.6)	605 (184)	4 (13.1)
LYRA RGB HD20 IP40	24	-	46	22 (6.7)	491 (149)	4 (13.1)

Your order code	LUNA	_____	____	__	__	IP40
Order code example	LUNA	IQ W ATON HD 12	1 0 1 0	B	OR	IP40

LED tape

IQ White HYDRA LD25.....	IQ W HYD LD25
IQ White ATON HD12.....	IQ W ATON HD12
IQ White ATON HD24.....	IQ W ATON HD24
RGB LD15.....	RGB LD15
RGB HD20.....	RGB HD20

Length

IQ White HYDRA LD25: L = (N x 250 mm) + 10 mm; N = 1... 12
 IQ White ATON HD: L = (N x 62,5 mm) + 10 mm; N = 1... 64
 RGB LD15: L = (N x 125 mm) + 10 mm; N = 1... 32
 RGB HD20: L = (N x 62,5 mm) + 10 mm; N = 1... 64

Profile color

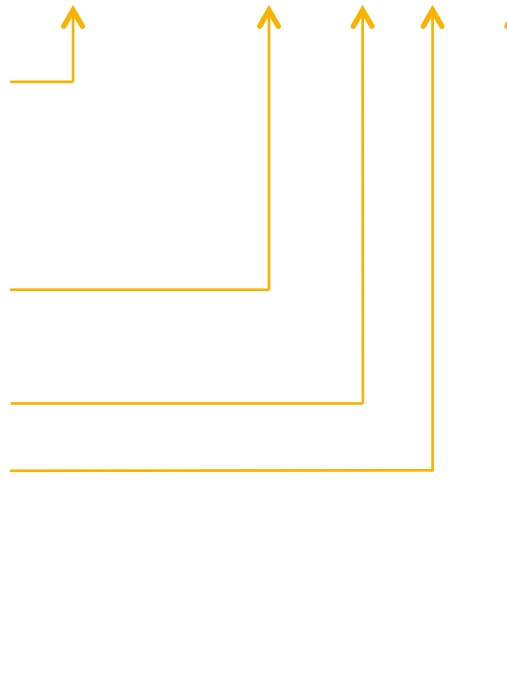
Silver.....	S
Black.....	B

Cover / Lens options

Opal round cover.....	OR
Diffuse round cover.....	DR
Clear round cover.....	CR
Linear lens 10° Diffuse.....	10D
Linear lens 30° Diffuse.....	30D
Linear lens 60° Diffuse.....	60D

Ingress protection

IP40.....	IP40
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Accessories

Please choose from the accessories for surface or pendant mounting.

Pendant

VarioPendant 024 Set Silver	13000161
VarioPendant 024 Set Black	13000161-SCH

Surface mounted

VarioClip 024 Silver	13000160
VarioClip 024 Black	13000160-SCH
VarioContour 024 Surface Mounting Set	13000162



VarioClip 024 - available in silver and black

VarioContour 024 Surface Mounting Set

VarioPendant 024 Set - available in silver and black

¹ White @W850. At warmer light colors the luminous flux is reduced.

¹ IQ White / RGB When all channels / colors are at full power. Using single channels / colors reduces the luminous flux.



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