BLV HEDRION LED lighting system.

New. Unique. Unparalleled.

The HEDRION philosophy

New: BLV presents the HEDRION series, its latest product development for general lighting needs – a highly flexible, modular LED lighting system that, in addition to various LED lamps, includes an attractive line of compatible luminaires.

Unique: BLV HEDRION LED lamps are available in two basic versions: as a 120° LED light module and as an LED reflector lamp with unique dichroic glass reflectors in different beam angles. The surface quality and efficiency of these faceted glass reflectors are outstanding. Their high brightness in combination with different light tones from warm to daylight white creates special lighting accents and moods.

Versatile: The HEDRION lamp portfolio includes four product lines: HEDRION bright, HEDRION pure, HEDRION tune and HEDRION deli. Each one has been developed for a specific area of use and thus features optimally coordinated lighting effects.

Flexible: With the innovative QuickChange™ System, BLV makes lamp replacement easy and thus allows unprecedented flexibility of use – colour temperature and beam angle can be modified and adjusted according to individual needs. The combination of excellent colour rendering and a service life of up to 60,000 hours makes the HEDRION LED lamp unparalleled.

Attractive: BLV developed the corresponding HEDRION luminaire series, consisting of recessed and semi-recessed downlights, spotlights, pendant lights and low bay lights, with a clear commitment to design. The company offers an impressive combination of designs and flexible colour schemes for perfect lighting solutions for a wide variety of uses such as in the retail & shop, restaurant & hospitality, beauty, gallery, and food presentation sectors.

Whether featuring an LED light module or an LED glass reflector lamp, HEDRION puts things in a whole new light. **BLV.**

- Unique and highly efficient dichroic glass reflector
- Available in different beam angles depending on model: 12°, 22°, 25°, 40° or 46°
- Integrated glass dome for COB protection
- **G46d QuickChange™ base for easy lamp change**

Technical data on pages 20-25

LED in a dichroic glass reflector lamp

Lamp output:	19 W / 25 W
Colour temperature:	2 000 K / 2 500 K / 2 700 K / 2 800 K / 3 000 K / 4 000 K / 5 000 K
Beam angle:	12° / 22° / 25° / 40° / 46°

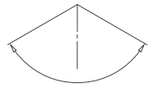
PLUS X AWARD®
2015 achieved for:
Innovation
High Quality
Functionality
Ecology

- Beam angle of 120°
- Integrated glass dome for COB protection
- For luminaires with reflector
- **G46d QuickChange™ base for easy lamp change**

Technical data on pages 20-25

LED 120° light module

Lamp output:	19 W / 25 W
Colour temperature:	2 000 K / 2 500 K / 2 700 K / 3 000 K / 4 000 K / 5 000 K



HEDRION bright

BLV HEDRION bright

- 19 W and 25 W models
- Colour temperatures: 3 000 K, 4 000 K, 5 000 K
- Lamp efficacy of up to 124 lm/W (@700mA)
- 120° LED light modules
- Reflector lamps with highly efficient dichroic glass reflectors
- Choice of beam angles of 12°, 25° or 40°

Models and specifications on p. 20/21

Boasting superior efficiency, HEDRION bright special lamps are ideal for use in the shop and retail sector, medical practices and offices.

HEDRION pure

BLV HEDRION pure

- Excellent colour rendering CRI 95 and R9 > 80 for all colour temperatures
- Colour temperatures: 2 700 K, 3 000 K, 4 000K and 5 000 K
- 120° light modules
- Reflector lamps with highly efficient dichroic glass reflectors
- Choice of beam angles of 12°, 25° or 40°

Models and specifications on p. 22/23

HEDRION pure special lamps stand out with a CRI value greater than 95 and a high R9 value – even at high colour temperatures. Brilliant colour rendering makes HEDRION pure the preferred light source for high-end retail, fashion and hospitality sectors as well as for art galleries.

HEDRION tune

BLV HEDRION tune

- Excellent colour rendering and R9 value stay almost the same during dimming process
- Light colour changeable from 2 800 K @ 700 mA to 2 000 K @ 80 mA
- Reflector lamps with highly efficient dichroic glass reflector and frosted front glass
- Choice of beam angles of 22°, 35° or 46°

Models and specifications on p. 24/25

HEDRION tune special lamps change their colour temperature when dimmed like halogen bulbs. Their great advantage: the high CRI of 95 and the excellent R9 value of 90 remain nearly the same. HEDRION tune lamps are therefore ideal for the hospitality or wellness sector and for use in luxury private homes.

HEDRION deli

BLV HEDRION deli

- Variations in soft golden-yellow tones and pronounced red tones
- Colour temperatures: 2 000 K, 2 500 K
- 120° LED light modules
- Reflector lamps with highly efficient dichroic glass reflectors
- Choice of beam angles of 12°, 25° or 40°

Models and specifications on p. 24/25

HEDRION deli special lamps are designed especially for food areas such as bakeries or meat counters. The lamps come in particularly soft golden-yellow tones for the attractive illumination of fresh bread and baked goods, and in a pronounced red tone for displaying meat and sausage products.

HEDRION spotlights

Discreet design, flexible handling,
precise lighting accents

HEDRION SL 30

BLV HEDRION SL

SL 20 for HEDRION glass reflector lamps, max. 20 W

- Easy lamp change with QuickChange™ System

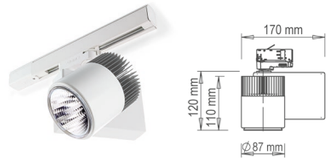
SL 30 for HEDRION glass reflector lamps, max. 25 W

- Optional dimmable version
  - 1 - 10 V with integrated controller
  - DALI with a special DALI track adapter
- Easy lamp change with QuickChange™ System

Technical data on page 26

HEDRION SL 20

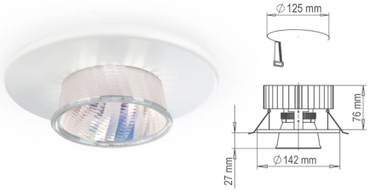
HEDRION SL 30



HEDRION downlights

A unique combination of glass reflector lamp and luminaire – for superior light and space design

HEDRION DL 125 SR



BLV HEDRION DL 125

- For HEDRION glass reflector lamps, max. 25 W
- Easy lamp change with QuickChange™ System
- DALI versions optional

Technical data on page 27

HEDRION DL 125 RF / DL 125 RC

HEDRION downlights

Maximum functionality in an unobtrusive classic design

HEDRION DL 180

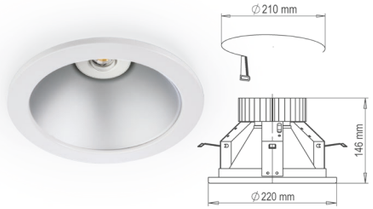
BLV HEDRION DL 180/210

- For HEDRION 120° light modules, max. 25 W
- Easy lamp change with QuickChange™ System
- Pure aluminium reflector, semi-matt anodised finish, narrow-wide beam
- DALI versions optional

Technical data on page 27

HEDRION DL 180

HEDRION DL 210



HEDRION low bay

A unique combination with an LED light module or LED glass reflector lamp – stunning range of styles

HEDRION LB 315

BLV HEDRION LB 315 / LB 415

- LB 315 for HEDRION 120° light modules or glass reflector lamps, max. 25 W
- LB 415 for HEDRION 120° light modules, max. 25 W
- Easy lamp change with QuickChange™ System
- Optional IP44 cover
- Transparent polycarbonate (PC) reflector with internal prisms
- DALI versions optional

Technical data on page 28

HEDRION LB 315

HEDRION LB 415

HEDRION pendant lights

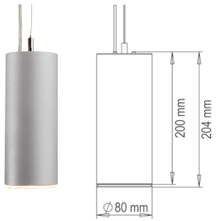
Classic design,
puristic look,
integrates seamlessly
with its environment

BLV HEDRION PL 8

- For HEDRION glass reflector lamps, max. 20 W
- Easy lamp change with QuickChange™ System

Technical data on page 29

HEDRION PL 8



HEDRION pendant lights

Modern design that plays with form and light: for special lifestyle accents

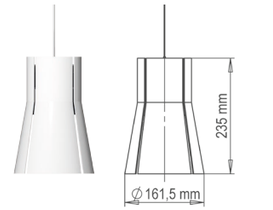
designed by
Mark

BLV HEDRION PL 11

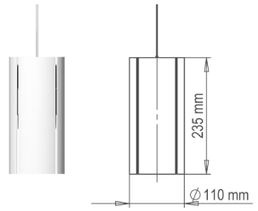
- For HEDRION glass reflector lamps, max. 25 W
- Easy lamp change with QuickChange™ System
- Various dimmable options

Technical data on page 29

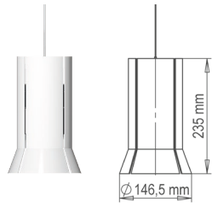
HEDRION PL 11 club



HEDRION PL 11 bar



HEDRION PL 11 lounge



HEDRION product matrix

	HEDRION SL 20	HEDRION SL 30	HEDRION DL 125 RF / RC / SR	HEDRION DL 180 / 210
Dimmable versions optional				
DALI		●	●	●
Phase cut				
1 - 10 V		●	○	○
1 - 10 V tune (for HEDRION tune lamps)			●	●
Housing colour				
White	●	●	●	●
Silver	●	●		
Black	●	●		
Compatible HEDRION LED lamps G46d *1				
HEDRION bright 19 W - 3000 K/4000 K/5000 K				
12°/25°/40° dichroic glass reflector lamp	●	●	●	○
120° light module				●
HEDRION bright 25 W - 3000 K/4000 K/5000 K				
12°/25°/40° dichroic glass reflector lamp		●	●	○
120° light module				●
HEDRION pure 25 W - 2700 K/3000 K/4000 K/5000 K				
12°/25°/40° dichroic glass reflector lamp		●	●	○
120° light module				●
HEDRION tune 25 W - 2000 K - 2800 K				
22°/35°/46° dichroic glass reflector lamp			●	○
HEDRION deli 25 W - 2000 K / 2500 K				
12°/25°/40° dichroic glass reflector lamp		●	●	○
120° light module				●
Overview	Page 7	Page 7	Page 9	Page 11

*1 LED lamps to be ordered separately.
● Recommended combination / standard product.
○ Technically possible combination / potentially upon request.

	HEDRION LB 315	HEDRION LB 415	HEDRION PL 8	HEDRION PL 11 bar / club / lounge
Dimmable versions optional				
DALI	●	●		●
Phase cut				●
1 - 10 V	○	○		
1 - 10 V tune (for HEDRION tune lamps)	●	●		●
Housing colour				
White			●	●
Silver	●	●	●	
Black				
Compatible HEDRION LED lamps G46d *1				
HEDRION bright 19 W - 3000 K/4000 K/5000 K				
12°/25°/40° dichroic glass reflector lamp	●	○	●	●
120° light module	●	●		
HEDRION bright 25 W - 3000 K/4000 K/5000 K				
12°/25°/40° dichroic glass reflector lamp	●	○		●
120° light module	●	●		
HEDRION pure 25 W - 2700 K/3000 K/4000 K/5000 K				
12°/25°/40° dichroic glass reflector lamp	●	○		●
120° light module	●	●		
HEDRION tune 25 W - 2000 K - 2800 K				
22°/35°/46° dichroic glass reflector lamp	●	○		●
HEDRION deli 25 W - 2000 K / 2500 K				
12°/25°/40° dichroic glass reflector lamp	●	○		●
120° light module	●	●		
Overview	Page 13	Page 13	Page 15	Page 17

*1 LED lamps to be ordered separately.
● Recommended combination / standard product.
○ Technically possible combination / potentially upon request.

HEDRION illuminants

Highly efficient, replaceable LED glass reflector lamps and 120° light modules for professional lighting solutions with an extremely long service life of up to 60 000 hours.

HEDRION bright – For use in BLV HEDRION luminaires with 20 W or 25 W max. output

Article no.	Designation	Base	Ø [mm]	Length [mm]	Burning position	Lamp voltage [V]	Max. lamp current [mA]	Nominal lamp power @700mA [W]	Rated lamp power @700mA [W]	Beam angle [°]	Nominal luminous flux @700mA [lm]	Rated useful luminous flux at 90° @700mA [lm]	Rated useful luminous flux at 120° @700mA [lm]	Rated peak intensity @700mA [cd]	Colour temperature [K]	Colour temperature [descr.]	Colour rendering index Ra	Colour consis-tency	Nominal service life [h]	Lamp lumen maintenance at the end of the nominal service life [%]	Number of switching cycles before premature failure	Starting time [s]	Warm-up time to 60% luminous flux [s]	Weighted energy consumption @700mA [kWh/1 000 h]	Energy efficiency class @700mA
12201301	19 W, 3 000 K, CRI90, 12°	G46d	60,0	70,0	u360	26,5	700	19	18,7	12	1 550	1 548		16 300	3 000	warm white	> 90	3 SDCM	60 000	70	unlimited	< 0,2s	≤ 1s	21	A+
12201201	19 W, 3 000 K, CRI90, 25°	G46d	60,0	70,0	u360	26,5	700	19	18,7	25	1 550	1 548		6 450	3 000	warm white	> 90	3 SDCM	60 000	70	unlimited	< 0,2s	≤ 1s	21	A+
12201101	19 W, 3 000 K, CRI90, 40°	G46d	60,0	70,0	u360	26,5	700	19	18,7	40	1 550	1 549		3 420	3 000	warm white	> 90	3 SDCM	60 000	70	unlimited	< 0,2s	≤ 1s	21	A+
12201901	19 W, 3 000 K, CRI90, 120°	G46d	60,0	28,5	u360	26,5	700	19	18,7	120	1 550		1 370	595	3 000	warm white	> 90	3 SDCM	60 000	70	unlimited	< 0,2s	≤ 1s	21	A
12202301	19 W, 4 000 K, CRI80, 12°	G46d	60,0	70,0	u360	26,5	700	19	18,7	12	2 200	2 197		23 100	4 000	neutral white	> 80	3 SDCM	60 000	70	unlimited	< 0,2s	≤ 1s	21	A++
12202201	19 W, 4 000 K, CRI80, 25°	G46d	60,0	70,0	u360	26,5	700	19	18,7	25	2 200	2 198		9 200	4 000	neutral white	> 80	3 SDCM	60 000	70	unlimited	< 0,2s	≤ 1s	21	A++
12202101	19 W, 4 000 K, CRI80, 40°	G46d	60,0	70,0	u360	26,5	700	19	18,7	40	2 200	2 199		4 850	4 000	neutral white	> 80	3 SDCM	60 000	70	unlimited	< 0,2s	≤ 1s	21	A++
12202901	19 W, 4 000 K, CRI80, 120°	G46d	60,0	28,5	u360	26,5	700	19	18,7	120	2 200		1 920	840	4 000	neutral white	> 80	3 SDCM	60 000	70	unlimited	< 0,2s	≤ 1s	21	A+
12203301	19 W, 5 000 K, CRI80, 12°	G46d	60,0	70,0	u360	26,5	700	19	18,7	12	2 250	2 248		23 600	5 000	daylight white	> 80	3 SDCM	60 000	70	unlimited	< 0,2s	≤ 1s	21	A++
12203201	19 W, 5 000 K, CRI80, 25°	G46d	60,0	70,0	u360	26,5	700	19	18,7	25	2 250	2 248		9 400	5 000	daylight white	> 80	3 SDCM	60 000	70	unlimited	< 0,2s	≤ 1s	21	A++
12203101	19 W, 5 000 K, CRI80, 40°	G46d	60,0	70,0	u360	26,5	700	19	18,7	40	2 250	2 249		4 960	5 000	daylight white	> 80	3 SDCM	60 000	70	unlimited	< 0,2s	≤ 1s	21	A++
12203901	19 W, 5 000 K, CRI80, 120°	G46d	60,0	28,5	u360	26,5	700	19	18,7	120	2 250		1 970	860	5 000	daylight white	> 80	3 SDCM	60 000	70	unlimited	< 0,2s	≤ 1s	21	A+
12251301	25 W, 3 000 K, CRI90, 12°	G46d	60,0	70,0	u360	36,0	700	25	24,7	12	2 300	2 297		24 150	3 000	warm white	> 90	3 SDCM	60 000	70	unlimited	< 0,2s	≤ 1s	28	A+
12251201	25 W, 3 000 K, CRI90, 25°	G46d	60,0	70,0	u360	36,0	700	25	24,7	25	2 300	2 297		9 600	3 000	warm white	> 90	3 SDCM	60 000	70	unlimited	< 0,2s	≤ 1s	28	A+
12251101	25 W, 3 000 K, CRI90, 40°	G46d	60,0	70,0	u360	36,0	700	25	24,7	40	2 300	2 299		5 100	3 000	warm white	> 90	3 SDCM	60 000	70	unlimited	< 0,2s	≤ 1s	28	A+
12251901	25 W, 3 000 K, CRI90, 120°	G46d	60,0	28,5	u360	36,0	700	25	24,7	120	2 300		2 033	880	3 000	warm white	> 90	3 SDCM	60 000	70	unlimited	< 0,2s	≤ 1s	28	A+
12252301	25 W, 4 000 K, CRI80, 12°	G46d	60,0	70,0	u360	36,0	700	25	24,7	12	3 000	2 996		31 500	4 000	neutral white	> 80	3 SDCM	60 000	70	unlimited	< 0,2s	≤ 1s	28	A++
12252201	25 W, 4 000 K, CRI80, 25°	G46d	60,0	70,0	u360	36,0	700	25	24,7	25	3 000	2 997		12 500	4 000	neutral white	> 80	3 SDCM	60 000	70	unlimited	< 0,2s	≤ 1s	28	A++
12252101	25 W, 4 000 K, CRI80, 40°	G46d	60,0	70,0	u360	36,0	700	25	24,7	40	3 000	2 999		6 600	4 000	neutral white	> 80	3 SDCM	60 000	70	unlimited	< 0,2s	≤ 1s	28	A++
12252901	25 W, 4 000 K, CRI80, 120°	G46d	60,0	28,5	u360	36,0	700	25	24,7	120	3 000		2 618	1 150	4 000	neutral white	> 80	3 SDCM	60 000	70	unlimited	< 0,2s	≤ 1s	28	A+
12253301	25 W, 5 000 K, CRI80, 12°	G46d	60,0	70,0	u360	36,0	700	25	24,7	12	3 060	3 057		32 100	5 000	daylight white	> 80	3 SDCM	60 000	70	unlimited	< 0,2s	≤ 1s	28	A++
12253201	25 W, 5 000 K, CRI80, 25°	G46d	60,0	70,0	u360	36,0	700	25	24,7	25	3 060	3 057		12 750	5 000	daylight white	> 80	3 SDCM	60 000	70	unlimited	< 0,2s	≤ 1s	28	A++
12253101	25 W, 5 000 K, CRI80, 40°	G46d	60,0	70,0	u360	36,0	700	25	24,7	40	3 060	3 059		6 750	5 000	daylight white	> 80	3 SDCM	60 000	70	unlimited	< 0,2s	≤ 1s	28	A++
12253901	25 W, 5 000 K, CRI80, 120°	G46d	60,0	28,5	u360	36,0	700	25	24,7	120	3 060		2 679	1 170	5 000	daylight white	> 80	3 SDCM	60 000	70	unlimited	< 0,2s	≤ 1s	28	A+

HEDRION illuminants

Highly efficient, replaceable LED glass reflector lamps and 120° light modules for professional lighting solutions with excellent and brilliant colour rendering.

HEDRION pure – For use in BLV HEDRION luminaires with 25 W max. output

Article no.	Designation	Base	Ø [mm]	Length [mm]	Burning position	Lamp voltage [V]	Max. lamp current [mA]	Nominal lamp power @700mA [W]	Rated lamp power @700mA [W]	Beam angle [°]	Nominal luminous flux @700mA [lm]	Rated useful luminous flux at 90° @700mA [lm]	Rated useful luminous flux at 120° @700mA [lm]	Rated peak intensity @700mA [cd]	Colour temperature [K]	Colour temperature [descr.]	Colour rendering index Ra	Colour consis-tency	Nominal service life [h]	Lamp lumen maintenance at the end of the nominal service life [%]	Number of switching cycles before prematu-re failure	Starting time [s]	Warm-up time to 60% luminous flux [s]	Weighted energy consumption @700mA [kWh/1 000 h]	Energy efficiency class @700mA
HEO25927012	25W, 2700K, CRI95, 12°	G46d	60,0	70,0	u360	36,0	700	25	25,3	12	2 320	2 100		16 520	2 700	warm white	> 95 / > 80	3 SDCM	50 000	70	unlimited	< 0,2s	≤ 1s	28	A+
HEO25927025	25W, 2700K, CRI95, 25°	G46d	60,0	70,0	u360	36,0	700	25	25,3	25	2 320	2 260		7 640	2 700	warm white	> 95 / > 80	3 SDCM	50 000	70	unlimited	< 0,2s	≤ 1s	28	A+
HEO25927040	25W, 2700K, CRI95, 40°	G46d	60,0	70,0	u360	36,0	700	25	25,3	40	2 320	2 280		5 140	2 700	warm white	> 95 / > 80	3 SDCM	50 000	70	unlimited	< 0,2s	≤ 1s	28	A+
HEO25927120	25W, 2700K, CRI95, 120°	G46d	60,0	28,5	u360	36,0	700	25	25,3	120	2 320		2 020	875	2 700	warm white	> 95 / > 80	3 SDCM	50 000	70	unlimited	< 0,2s	≤ 1s	28	A+
HEO25930012	25W, 3000K, CRI95, 12°	G46d	60,0	70,0	u360	36,0	700	25	25,3	12	2 400	2 180		17 090	3 000	warm white	> 95 / > 80	3 SDCM	50 000	70	unlimited	< 0,2s	≤ 1s	28	A+
HEO25930025	25W, 3000K, CRI95, 25°	G46d	60,0	70,0	u360	36,0	700	25	25,3	25	2 400	2 340		7 900	3 000	warm white	> 95 / > 80	3 SDCM	50 000	70	unlimited	< 0,2s	≤ 1s	28	A+
HEO25930040	25W, 3000K, CRI95, 40°	G46d	60,0	70,0	u360	36,0	700	25	25,3	40	2 400	2 360		5 320	3 000	warm white	> 95 / > 80	3 SDCM	50 000	70	unlimited	< 0,2s	≤ 1s	28	A+
HEO25930120	25W, 3000K, CRI95, 120°	G46d	60,0	28,5	u360	36,0	700	25	25,3	120	2 400		2 090	900	3 000	warm white	> 95 / > 80	3 SDCM	50 000	70	unlimited	< 0,2s	≤ 1s	28	A+
HEO25940012	25W, 4000K, CRI95, 12°	G46d	60,0	70,0	u360	36,0	700	25	25,3	12	2 500	2 270		17 800	4 000	neutral white	> 95 / > 80	3 SDCM	50 000	70	unlimited	< 0,2s	≤ 1s	28	A+
HEO25940025	25W, 4000K, CRI95, 25°	G46d	60,0	70,0	u360	36,0	700	25	25,3	25	2 500	2 440		8 230	4 000	neutral white	> 95 / > 80	3 SDCM	50 000	70	unlimited	< 0,2s	≤ 1s	28	A+
HEO25940040	25W, 4000K, CRI95, 40°	G46d	60,0	70,0	u360	36,0	700	25	25,3	40	2 500	2 460		5 540	4 000	neutral white	> 95 / > 80	3 SDCM	50 000	70	unlimited	< 0,2s	≤ 1s	28	A+
HEO25940120	25W, 4000K, CRI95, 120°	G46d	60,0	28,5	u360	36,0	700	25	25,3	120	2 500		2 170	940	4 000	neutral white	> 95 / > 80	3 SDCM	50 000	70	unlimited	< 0,2s	≤ 1s	28	A+
HEO25950012	25W, 5000K, CRI95, 12°	G46d	60,0	70,0	u360	36,0	700	25	25,3	12	2 650	2 400		18 870	5 000	daylight white	> 95 / > 80	3 SDCM	50 000	70	unlimited	< 0,2s	≤ 1s	28	A+
HEO25950025	25W, 5000K, CRI95, 25°	G46d	60,0	70,0	u360	36,0	700	25	25,3	25	2 650	2 590		8 720	5 000	daylight white	> 95 / > 80	3 SDCM	50 000	70	unlimited	< 0,2s	≤ 1s	28	A+
HEO25950040	25W, 5000K, CRI95, 40°	G46d	60,0	70,0	u360	36,0	700	25	25,3	40	2 650	2 600		5 870	5 000	daylight white	> 95 / > 80	3 SDCM	50 000	70	unlimited	< 0,2s	≤ 1s	28	A+
HEO25950120	25W, 5000K, CRI95, 120°	G46d	60,0	28,5	u360	36,0	700	25	25,3	120	2 650		2 300	1 000	5 000	daylight white	> 95 / > 80	3 SDCM	50 000	70	unlimited	< 0,2s	≤ 1s	28	A+

HEDRION illuminants

Replaceable LED glass reflector lamp with frosted front glass. These special lamps change their colour temperature during the dimming process similar to (halogen-) bulbs.
Perfect lighting solutions for hotel and hospitality areas.

HEDRION tune – For use in BLV HEDRION luminaires with 25 W max. output (special driver version)

Article no.	Designation	Base	Ø [mm]	Length [mm]	Burning position	Lamp voltage [V]	Lamp current [mA]	Nominal lamp power @700mA [W]	Rated lamp power @700mA [W]	Beam angle [°]	Nominal luminous flux @700mA [lm]	Rated useful luminous flux at 90° @700mA [lm]	Rated useful luminous flux at 120° @700mA [lm]	Rated peak intensity @700mA [cd]	Colour temperature [K]	Colour temperature [descr.]	Colour rendering index Ra	Colour consis-tency	Nominal service life [h]	Lamp lumen maintenance at the end of the nominal service life [%]	Number of switching cycles before premature failure	Starting time [s]	Warm-up time to 60% luminous flux [s]	Weighted energy consumption @700mA [kWh/1 000 h]	Energy efficiency class @700mA
HSH25928022F	25W, 2800-2000K, 22°	G46d	60,0	70,0	u360	36,0	80-700	25	25,0	22	1 670	1 480	–	5 600	2 000 - 2 800	warm white	95 / 90	3 SDCM	50 000	70	unlimited	< 0,2s	≤ 1s	28	A
HSH25928035F	25W, 2800-2000K, 35°	G46d	60,0	70,0	u360	36,0	80-700	25	25,0	35	1 670	1 560	–	3 770	2 000 - 2 800	warm white	95 / 90	3 SDCM	50 000	70	unlimited	< 0,2s	≤ 1s	28	A
HSH25928046F	25W, 2800-2000K, 46°	G46d	60,0	70,0	u360	36,0	80-700	25	25,0	46	1 670	1 570	–	2 550	2 000 - 2 800	warm white	95 / 90	3 SDCM	50 000	70	unlimited	< 0,2s	≤ 1s	28	A

Highly efficient, changeable LED glass reflector lamps and 120° light modules for the attractive illumination of fresh bread and baked goods (2500 K) and meat and sausage products (2000 K).

HEDRION deli – For use in BLV HEDRION luminaires with 25 W max. output

Article no.	Designation	Base	Ø [mm]	Length [mm]	Burning position	Lamp voltage [V]	Max. lamp current [mA]	Nominal lamp power @700mA [W]	Rated lamp power @700mA [W]	Beam angle [°]	Nominal luminous flux @700mA [lm]	Rated useful luminous flux at 90° @700mA [lm]	Rated useful luminous flux at 120° @700mA [lm]	Rated peak intensity @700mA [cd]	Colour temperature [K]	Colour temperature [descr.]	Colour rendering index Ra	Colour consis-tency	Nominal service life [h]	Lamp lumen maintenance at the end of the nominal service life [%]	Number of switching cycles before premature failure	Starting time [s]	Warm-up time to 60% luminous flux [s]	Weighted energy consumption @700mA [kWh/1 000 h]	Energy efficiency class @700mA
HEO25720012	25W, 2000K, 12°	G46d	60,0	70,0	u360	36,0	700	25	25,3	12	2 250	2 040		16 020	2 000	pink white	n.a.	3 SDCM	50 000	70	unlimited	< 0,2s	≤ 1s	28	A+
HEO25720025	25W, 2000K, 25°	G46d	60,0	70,0	u360	36,0	700	25	25,3	25	2 250	2 200		7 410	2 000	pink white	n.a.	3 SDCM	50 000	70	unlimited	< 0,2s	≤ 1s	28	A+
HEO25720040	25W, 2000K, 40°	G46d	60,0	70,0	u360	36,0	700	25	25,3	40	2 250	2 210		4 980	2 000	pink white	n.a.	3 SDCM	50 000	70	unlimited	< 0,2s	≤ 1s	28	A+
HEO25720120	25W, 2000K, 120°	G46d	60,0	28,5	u360	36,0	700	25	25,3	120	2 250		1 950	840	2 000	pink white	n.a.	3 SDCM	50 000	70	unlimited	< 0,2s	≤ 1s	28	A+
HEO25825012	25W, 2500K, 12°	G46d	60,0	70,0	u360	36,0	700	25	25,3	12	2 420	2 200		17 230	2 500	warm white	n.a.	3 SDCM	50 000	70	unlimited	< 0,2s	≤ 1s	28	A+
HEO25825025	25W, 2500K, 25°	G46d	60,0	70,0	u360	36,0	700	25	25,3	25	2 420	2 360		7 970	2 500	warm white	n.a.	3 SDCM	50 000	70	unlimited	< 0,2s	≤ 1s	28	A+
HEO25825040	25W, 2500K, 40°	G46d	60,0	70,0	u360	36,0	700	25	25,3	40	2 420	2 380		5 360	2 500	warm white	n.a.	3 SDCM	50 000	70	unlimited	< 0,2s	≤ 1s	28	A+
HEO25825120	25W, 2500K, 120°	G46d	60,0	28,5	u360	36,0	700	25	25,3	120	2 420		2 100	910	2 500	warm white	n.a.	3 SDCM	50 000	70	unlimited	< 0,2s	≤ 1s	28	A+

HEDRION track spotlights

For precise lighting accents

With 3-phase universal track adapter

Article no.	Designation	Housing colour *1	Socket	Dimension driver box H x L x W [mm]	Dimensions light head Ø x L [mm]	Turning angle (vertical axis)	Swivel range light head	Max. lamp wattage	Dimmable
126501	HEDRION SL 20 white	white, similiar to RAL 9003; heat sink silver	G46d	220 x 50 x 50	87 x 110	± 175°	± 175°	20 W	no
126511	HEDRION SL 20 black	black, similiar to RAL 9005; heat sink black	G46d	220 x 50 x 50	87 x 110	± 175°	± 175°	20 W	no
126521	HEDRION SL 20 silver	silver, similiar to RAL 9006; heat sink silver	G46d	220 x 50 x 50	87 x 110	± 175°	± 175°	20 W	no
127501	HEDRION SL 30 white	white, similiar to RAL 9003; heat sink silver	G46d	95 x 145 x 42	87 x 110	± 175°	± 175°	25 W	no
127511	HEDRION SL 30 black	black, similiar to RAL 9005; heat sink black	G46d	95 x 145 x 42	87 x 110	± 175°	± 175°	25 W	no
127521	HEDRION SL 30 silver	silver, similiar to RAL 9006; heat sink silver	G46d	95 x 145 x 42	87 x 110	± 175°	± 175°	25 W	no
127502	HEDRION SL 30-DA white	white, similiar to RAL 9003; heat sink silver	G46d	95 x 145 x 42	87 x 110	± 175°	± 175°	25 W	DALI
127512*2	HEDRION SL 30-DA black	black, similiar to RAL 9005; heat sink black	G46d	95 x 145 x 42	87 x 110	± 175°	± 175°	25 W	DALI
127522*2	HEDRION SL 30-DA silver	silver, similiar to RAL 9006; heat sink silver	G46d	95 x 145 x 42	87 x 110	± 175°	± 175°	25 W	DALI
127503*2	HEDRION SL 30 1 - 10 V white	white, similiar to RAL 9003; heat sink silver	G46d	95 x 145 x 42	87 x 110	± 175°	± 175°	25 W	1 - 10 V
127513	HEDRION SL 30 1 - 10 V black	black, similiar to RAL 9005; heat sink black	G46d	95 x 145 x 42	87 x 110	± 175°	± 175°	25 W	1 - 10 V
127523	HEDRION SL 30 1 - 10 V silver	silver, similiar to RAL 9006; heat sink silver	G46d	95 x 145 x 42	87 x 110	± 175°	± 175°	25 W	1 - 10 V

LED lamps to be ordered separately

*1 Standard housing colour as stated, other RAL colours available on request; minimum order quantities may apply.
*2 With GAC 100 adapter for DALI track GLOBAL Trac® control plus GNC of Nordic Aluminium.
Versions with GAC 600 adapter for DALI tracks GLOBAL Trac® pulse dali XTSC upon request.

GLOBAL Trac® is a registered brand of Nordic Aluminium Plc in Finnland and other countries.

HEDRION downlights

For brilliant general lighting

For installation in suspended ceilings

Article no.	Designation	Housing colour *1	Socket	Suitable for HEDRION glass reflector lamps 12°/25°/40°	Suitable for HEDRION tune glass reflector lamps 22°/35°/46°	Suitable for HEDRION 120° light modules	Ceiling cut-out Ø [mm]	Bezel Ø [mm] *2	Mounting depth [mm]	Max. lamp wattage	Dimmable
127101	HEDRION DL 125 RF recessed downlight, fixed	white	G46d	■			125	142	100	25 W	no
127102	HEDRION DL 125 RF-DA recessed downlight, fixed	white	G46d	■			125	142	100	25 W	DALI
127103	HEDRION DL 125 RF tune recessed downlight, fixed	white	G46d		■		125	142	100	25 W	1-10V
127201	HEDRION DL 125 RC recessed downlight, rotatable and tiltable up to 20°	white	G46d	■			125	142	100	25 W	no
127202	HEDRION DL 125 RC-DA recessed downlight, rotatable and tiltable up to 20°	white	G46d	■			125	142	100	25 W	DALI
127203	HEDRION DL 125 RC tune recessed downlight, rotatable and tiltable up to 20°	white	G46d		■		125	142	100	25 W	1-10V
127401	HEDRION DL 125 SR semi-recessed downlight, fixed	white	G46d	■			125	142	76	25 W	no
127402	HEDRION DL 125 SR-DA semi-recessed downlight, fixed	white	G46d	■			125	142	76	25 W	DALI
127403	HEDRION DL 125 SR tune semi-recessed downlight, fixed	white	G46d		■		125	142	76	25 W	1-10V
127901	HEDRION DL 180 RF recessed downlight, fixed	white	G46d	■		■	180	190	130	25 W	no
127902	HEDRION DL 180 RF-DA recessed downlight, fixed	white	G46d	■		■	180	190	130	25 W	DALI
127001	HEDRION DL 210 RF recessed downlight, fixed	white	G46d	■		■	210	220	146	25 W	no
127002	HEDRION DL 210 RF-DA recessed downlight, fixed	white	G46d	■		■	210	220	146	25 W	DALI

LED lamps to be ordered separately

*1 Standard housing colour white, similar to RAL 9010, other RAL colours available on request; minimum order quantities may apply.
*2 Adapter rings for bigger ceiling cut-outs upon request.

HEDRION low bay luminaires

For decorative general lighting

Polycarbonate reflectors with prism structure

Article no.	Designation	Housing colour	Socket	Suitable for HEDRION glass reflector lamps 12° / 25° / 40°	Suitable for HEDRION tune glass reflector lamps 22° / 35° / 46°	Suitable for HEDRION 120° light modules	Dimensions Ø x H [mm]	Length of suspension [max. cm, adjustable]	Max. lamp wattage	Dimmable
Set127721	HEDRION LB 315	silver, similiar to RAL 9006	G46d	■		■	315 x 326	250	25 W	no
Set127722	HEDRION LB 315-DA	silver, similiar to RAL 9006	G46d	■		■	315 x 326	250	25 W	DALI
Set127723	HEDRION LB 315 tune	silver, similiar to RAL 9006	G46d		■		315 x 326	250	25 W	1-10V
Set127821	HEDRION LB 415	silver, similiar to RAL 9006	G46d			■	415 x 448	250	25 W	no
Set127822	HEDRION LB 415-DA	silver, similiar to RAL 9006	G46d			■	415 x 448	250	25 W	DALI

LED lamps to be ordered separately

Accessories (optional)

Article no.	Designation			Dimensions Ø [mm]
Set126703	LB 315 cover IP44	Low bay cover	polycarbonate, clear, prismatic structure	315
Set126803	LB 415 cover IP44	Low bay cover	polycarbonate, clear, prismatic structure	415

For IP44
Complete with mounting clips

HEDRION pendant lights

For decorative accent lighting

Different mounting types

Article no.	Designation	Housing colour	Socket	Dimensions max. Ø x H [mm]	Suitable for HEDRION glass reflector lamps 12° / 25° / 40°	Suitable for HEDRION tune glass reflector lamps 22° / 35° / 46°	Mounting with ceiling canopy *5	Mounting with track adapter	Length of suspension [max. cm, adjustable]	Max. lamp wattage	Dimmable
126609	HEDRION PL 8 white	white *2	G46d	80 x 200	■		■		135	20 W	no
126621	HEDRION PL 8 silver	silver *3	G46d	80 x 200	■		■		135	20 W	no
GLF010002011	HEDRION PL 11 bar	white *4	G46d	110 x 235	■		■		200	25 W	no
GLF010002012	HEDRION PL 11 bar	white *4	G46d	110 x 235	■		■		200	25 W	DALI
GLF010002013	HEDRION PL 11 bar tune	white *4	G46d	110 x 235		■	■		200	25 W	1-10V
GLF010002014	HEDRION PL 11 bar	white *4	G46d	110 x 235	■		■		200	25 W	trailing edge
GLF010002021 *1	HEDRION PL 11 bar	white *4	G46d	110 x 235	■			■	200	25 W	no
GLF010002022 *1	HEDRION PL 11 bar	white *4	G46d	110 x 235	■			■	200	25 W	DALI
GLF011002011	HEDRION PL 11 lounge	white *4	G46d	147 x 235	■		■		200	25 W	no
GLF011002012	HEDRION PL 11 lounge	white *4	G46d	147 x 235	■		■		200	25 W	DALI
GLF011002013	HEDRION PL 11 lounge tune	white *4	G46d	147 x 235		■	■		200	25 W	1-10V
GLF011002014	HEDRION PL 11 lounge	white *4	G46d	147 x 235	■		■		200	25 W	trailing edge
GLF011002021 *1	HEDRION PL 11 lounge	white *4	G46d	147 x 235	■			■	200	25 W	no
GLF011002022 *1	HEDRION PL 11 lounge	white *4	G46d	147 x 235	■			■	200	25 W	DALI
GLF012002011	HEDRION PL 11 club	white *4	G46d	162 x 235	■		■		200	25 W	no
GLF012002012	HEDRION PL 11 club	white *4	G46d	162 x 235	■		■		200	25 W	DALI
GLF012002013	HEDRION PL 11 club tune	white *4	G46d	162 x 235		■	■		200	25 W	1-10V
GLF012002014	HEDRION PL 11 club	white *4	G46d	162 x 235	■		■		200	25 W	trailing edge
GLF012002021 *1	HEDRION PL 11 club	white *4	G46d	162 x 235	■			■	200	25 W	no
GLF012002022 *1	HEDRION PL 11 club	white *4	G46d	162 x 235	■			■	200	25 W	DALI

LED lamps to be ordered separately

*1 On request; minimum order quantities may apply.
*2 similar RAL9003, matt.
*3 similar RAL9006, matt.
*4 similar RAL9003, glossy.
*5 PL 11: for suspended ceilings; driver to be placed into ceiling void.

PLUS X AWARD®

2015 achieved for:

Innovation

High Quality

Functionality

Ecology

PLUS X AWARD® for HEDRION glass reflector lamp

The Plus X Award® – aimed at products in the technology, sports and lifestyle sectors – has been awarded for over a decade to manufacturers for advances in the quality of their products. It is given for innovative and sustainable products that feature at least one "Plus X" Factor – an added value that merits recognition.

The BLV HEDRION glass reflector lamp was awarded prizes in four different categories:

innovation, quality, functionality and ecology.

Plus X Factor innovation and **functionality** for easy lamp replacement thanks to the QuickChange™ System – colour temperature and beam angle can be adjusted depending on individual needs without having to replace the fitting.

Plus X Factor quality for the faceted glass reflector with a high-quality dichroic coating. This unique design ensures far greater efficiency than traditional reflector lamps with an aluminium reflector.

Plus X Factor ecology for an LED product with a remarkable service life of up to 60,000 hours.

GERMAN ENGINEERING

BLV Licht- und Vakuumtechnik GmbH
Muenchener Strasse 10
85643 Steinhoering/Germany
CSC Europe +49 8094 906-400
CSC Overseas +49 8094 906-410
Fax +49 8094 906-164
sales@blv-licht.de

www.blv-licht.com

Material no. 792 000 02 Version: March 2016