

## HEDRION bright 19W / 25W

\* High-quality dichroic glass reflectors (12°/25°/40°)

\* Extremely long service life (60 000 h)

\* Good to very good colour rendering

\* Dimmable

\* For use in BLV HEDRION luminaires

(consider max. output power of luminaire)

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 consistency	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/r 000 h]	Energy efficiency class @700mA
12201301	19W, 3000K, CRI90, 12°	G46d	60,0	70,0	u360	26,5	350-700	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	19W, 3000K, CRI90, 25°	G46d	60,0	70,0	u360	26,5	350-700	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	19W, 3000K, CRI90, 40°	G46d	60,0	70,0	u360	26,5	350-700	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	19W, 3000K, CRI90, 120°	G46d	60,0	28,5	u360	26,5	350-700	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	19W, 4000K, CRI80, 12°	G46d	60,0	70,0	u360	26,5	350-700	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	19W, 4000K, CRI80, 25°	G46d	60,0	70,0	u360	26,5	350-700	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	19W, 4000K, CRI80, 40°	G46d	60,0	70,0	u360	26,5	350-700	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	19W, 4000K, CRI80, 120°	G46d	60,0	28,5	u360	26,5	350-700	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	19W, 5000K, CRI80, 12°	G46d	60,0	70,0	u360	26,5	350-700	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	19W, 5000K, CRI80, 25°	G46d	60,0	70,0	u360	26,5	350-700	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	19W, 5000K, CRI80, 40°	G46d	60,0	70,0	u360	26,5	350-700	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	19W, 5000K, CRI80, 120°	G46d	60,0	28,5	u360	26,5	350-700	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	25W, 3000K, CRI90, 12°	G46d	60,0	70,0	u360	36,0	350-700	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	25W, 3000K, CRI90, 25°	G46d	60,0	70,0	u360	36,0	350-700	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	25W, 3000K, CRI90, 40°	G46d	60,0	70,0	u360	36,0	350-700	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	25W, 3000K, CRI90, 120°	G46d	60,0	28,5	u360	36,0	350-700	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	25W, 4000K, CRI80, 12°	G46d	60,0	70,0	u360	36,0	350-700	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	25W, 4000K, CRI80, 25°	G46d	60,0	70,0	u360	36,0	350-700	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	25W, 4000K, CRI80, 40°	G46d	60,0	70,0	u360	36,0	350-700	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	25W, 4000K, CRI80, 120°	G46d	60,0	28,5	u360	36,0	350-700	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	25W, 5000K, CRI80, 12°	G46d	60,0	70,0	u360	36,0	350-700	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	25W, 5000K, CRI80, 25°	G46d	60,0	70,0	u360	36,0	350-700	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	25W, 5000K, CRI80, 40°	G46d	60,0	70,0	u360	36,0	350-700	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	25W, 5000K, CRI80, 120°	G46d	60,0	28,5	u360	36,0	350-700	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+