

MAYA 8A - 206A

TECHNICAL DATASHEET

Compliance with :

EN60598-1, EN60598-2-3, EN61547, EN62031, EN55015, EN61000-3-2, EN61000-3-3, EN61347-2-13, EN62471



Protections and certifications

Protection degree (EN 60529) IP66

IK code (EN 62262) IK09

Insulation class I & II

Power supply

Voltage 220-230V~ 50/60Hz

Power factor >0,95

THD <15%

Driver efficiency (full load) >92%

Surge protection 10kV

Wire, weight, mounting

Connection H07RN-F

Optional connection IP68 connector

Length out of the lamp [mm] 0,8m

Weight [Kg] 3,6

Fixing Adjustable, arm or head pole

Thermal features

Working temperature [°C] -25 ÷ +50

Humidity range [%] 10 ÷ 90

Mechanical features

Body material Die cast aluminum Supercast ®

Body Color Gray

Glass type Tempered

Glass Thickness [mm] 5

Optical features

LED manufacturer Detas by Lumileds

Driver manufacturer PHILIPS

Color Rendering Index (CRI) >70

Total failure rate F10 @ 100000h , <0,02% @ 1000h

Led lifetime [hrs] @Tc L80B10 >60000 (24F1000)

Dimming

Integrated dimming Included

DALI on request

1-10V Option (1-10V or DALI)

Lineswitch/StepDim Included

Wireless Option

Optical features		2200K - 4 step MacAdam						
Configuration (LED number - Type - Current)	Total lamp flux [lm]*	lm/w	Current [A]	Total power consumption [W]	Optical power [W]	Led Module Temperature Tp (Ta=25°C) [°C]	Driver Temperatur Tc (Ta=25°C) [°C]	Flux maintenance @Tp @L80B10
12D350 13W	1627	125	0,06 ±5%	13 ±5%	12 ±5%	40 ±5%	42 ±5%	100.000
12D440 16W	1917	120	0,07 ±5%	16 ±5%	15 ±5%	42 ±5%	44 ±5%	100.000
12D530 20W	2338	117	0,09 ±5%	20 ±5%	18 ±5%	44 ±5%	45 ±5%	96.000
12D600 22W	2529	115	0,09 ±5%	22 ±5%	20 ±5%	45 ±5%	50 ±5%	96.000
12D700 26W	2945	113	0,11 ±5%	26 ±5%	23 ±5%	45 ±5%	55 ±5%	93.000
12D830 32W	3525	110	0,14 ±5%	32 ±5%	28 ±5%	55 ±5%	60 ±5%	93.000
12D1000 39W	4152	106	0,17 ±5%	39 ±5%	33 ±5%	66 ±5%	68 ±5%	90.000
24D350 25W	3125	125	0,11 ±5%	25 ±5%	23 ±5%	40 ±5%	58 ±5%	100.000
24D440 32W	3821	119	0,14 ±5%	32 ±5%	29 ±5%	43 ±5%	62 ±5%	98.000
24D530 39W	4526	116	0,17 ±5%	39 ±5%	35 ±5%	50 ±5%	68 ±5%	96.000
24D600 45W	5139	114	0,19 ±5%	45 ±5%	40 ±5%	53 ±5%	57 ±5%	94.000
24D700 53W	5913	112	0,23 ±5%	53 ±5%	47 ±5%	65 ±5%	60 ±5%	93.000
24D830 63W	6826	108	0,27 ±5%	63 ±5%	55 ±5%	80 ±5%	62 ±5%	92.000
24D1000 77W	8054	105	0,33 ±5%	77 ±5%	67 ±5%	95 ±5%	66 ±5%	90.000
36D350 38W	4759	125	0,16 ±5%	38 ±5%	35 ±5%	47 ±5%	58 ±5%	100.000
36D440 49W	5828	119	0,21 ±5%	49 ±5%	44 ±5%	57 ±5%	61 ±5%	97.000
36D530 59W	6837	116	0,25 ±5%	59 ±5%	53 ±5%	61 ±5%	66 ±5%	95.000
36D600 67W	7356	110	0,29 ±5%	67 ±5%	60 ±5%	71 ±5%	68 ±5%	93.000
36D700 79W	8581	109	0,34 ±5%	79 ±5%	70 ±5%	76 ±5%	71 ±5%	91.000

Optical features		3000K - 4 step MacAdam						
Configuration (LED number - Type - Current)	Total lamp flux [lm]*	lm/w	Current [A]	Total power consumption [W]	Optical power [W]	Led Module Temperature Tp (Ta=25°C) [°C]	Driver Temperatur Tc (Ta=25°C) [°C]	Flux maintenance @Tp @L80B10
12D350 13W	1945	150	0,06 ±5%	13 ±5%	12 ±5%	40 ±5%	42 ±5%	100.000
12D440 16W	2291	143	0,07 ±5%	16 ±5%	15 ±5%	42 ±5%	44 ±5%	100.000
12D530 20W	2794	140	0,09 ±5%	20 ±5%	18 ±5%	44 ±5%	45 ±5%	96.000
12D600 22W	3023	137	0,09 ±5%	22 ±5%	20 ±5%	45 ±5%	50 ±5%	96.000
12D700 26W	3519	135	0,11 ±5%	26 ±5%	23 ±5%	45 ±5%	55 ±5%	93.000
12D830 32W	4213	132	0,14 ±5%	32 ±5%	28 ±5%	55 ±5%	60 ±5%	93.000
12D1000 39W	4962	127	0,17 ±5%	39 ±5%	33 ±5%	66 ±5%	68 ±5%	90.000
24D350 25W	3735	149	0,11 ±5%	25 ±5%	23 ±5%	40 ±5%	58 ±5%	100.000
24D440 32W	4567	143	0,14 ±5%	32 ±5%	29 ±5%	43 ±5%	62 ±5%	98.000
24D530 39W	5409	139	0,17 ±5%	39 ±5%	35 ±5%	50 ±5%	68 ±5%	96.000
24D600 45W	6142	136	0,19 ±5%	45 ±5%	40 ±5%	53 ±5%	57 ±5%	94.000
24D700 53W	7066	133	0,23 ±5%	53 ±5%	47 ±5%	65 ±5%	60 ±5%	93.000
24D830 63W	8157	129	0,27 ±5%	63 ±5%	55 ±5%	80 ±5%	62 ±5%	92.000
24D1000 77W	9626	125	0,33 ±5%	77 ±5%	67 ±5%	95 ±5%	66 ±5%	90.000
36D350 38W	5687	150	0,16 ±5%	38 ±5%	35 ±5%	47 ±5%	58 ±5%	100.000
36D440 49W	6966	142	0,21 ±5%	49 ±5%	44 ±5%	57 ±5%	61 ±5%	97.000
36D530 59W	8172	139	0,25 ±5%	59 ±5%	53 ±5%	61 ±5%	66 ±5%	95.000
36D600 67W	8792	131	0,29 ±5%	67 ±5%	60 ±5%	71 ±5%	68 ±5%	93.000
36D700 79W	10255	130	0,34 ±5%	79 ±5%	70 ±5%	76 ±5%	71 ±5%	91.000

Optical features								
4000K - 4 step MacAdam								
Configuration (LED number - Type - Current)	Total lamp flux [lm]*	lm/w	Current [A]	Total power consumption [W]	Optical power [W]	Led Module Temperature Tp (Ta=25°C) [°C]	Driver Temperature Tc (Ta=25°C) [°C]	Flux maintenance @Tp @L80B10
12D350 13W	2043	157	0,06 ±5%	13 ±5%	12 ±5%	40 ±5%	42 ±5%	100.000
12D440 16W	2406	150	0,07 ±5%	16 ±5%	15 ±5%	42 ±5%	44 ±5%	100.000
12D530 20W	2934	147	0,09 ±5%	20 ±5%	18 ±5%	44 ±5%	45 ±5%	96.000
12D600 22W	3175	144	0,09 ±5%	22 ±5%	20 ±5%	45 ±5%	50 ±5%	96.000
12D700 26W	3697	142	0,11 ±5%	26 ±5%	23 ±5%	45 ±5%	55 ±5%	93.000
12D830 32W	4425	138	0,14 ±5%	32 ±5%	28 ±5%	55 ±5%	60 ±5%	93.000
12D1000 39W	5211	134	0,17 ±5%	39 ±5%	33 ±5%	66 ±5%	68 ±5%	90.000
24D350 25W	3923	157	0,11 ±5%	25 ±5%	23 ±5%	40 ±5%	58 ±5%	100.000
24D440 32W	4797	150	0,14 ±5%	32 ±5%	29 ±5%	43 ±5%	62 ±5%	98.000
24D530 39W	5682	146	0,17 ±5%	39 ±5%	35 ±5%	50 ±5%	68 ±5%	96.000
24D600 45W	6451	143	0,19 ±5%	45 ±5%	40 ±5%	53 ±5%	57 ±5%	94.000
24D700 53W	7422	140	0,23 ±5%	53 ±5%	47 ±5%	65 ±5%	60 ±5%	93.000
24D830 63W	8568	136	0,27 ±5%	63 ±5%	55 ±5%	80 ±5%	62 ±5%	92.000
24D1000 77W	10110	131	0,33 ±5%	77 ±5%	67 ±5%	95 ±5%	66 ±5%	90.000
36D350 38W	5973	157	0,16 ±5%	38 ±5%	35 ±5%	47 ±5%	58 ±5%	100.000
36D440 49W	7316	149	0,21 ±5%	49 ±5%	44 ±5%	57 ±5%	61 ±5%	97.000
36D530 59W	8583	145	0,25 ±5%	59 ±5%	53 ±5%	61 ±5%	66 ±5%	95.000
36D600 67W	9234	138	0,29 ±5%	67 ±5%	60 ±5%	71 ±5%	68 ±5%	93.000
36D700 79W	10771	136	0,34 ±5%	79 ±5%	70 ±5%	76 ±5%	71 ±5%	91.000

Note: The luminous flux is related to the Tp temperature of the LED module (Ta = 25 ° C)

