

MAYA 8B (D) - 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] 7,5

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 PHILIPS / Custom

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
36D700 81W	8895	110	0,35 ±5%	81 ±5%	70 ±5%	55 ±5%	60 ±5%	93.000
36D830 96W	9746	102	0,41 ±5%	96 ±5%	83 ±5%	62 ±5%	68 ±5%	93.000
36D1000 118W	11315	96	0,51 ±5%	118 ±5%	100 ±5%	68 ±5%	74 ±5%	90.000
48D350 51W	6240	122	0,22 ±5%	51 ±5%	47 ±5%	40 ±5%	50 ±5%	100.000
48D440 65W	7700	118	0,28 ±5%	65 ±5%	59 ±5%	45 ±5%	60 ±5%	100.000
48D530 79W	8821	112	0,34 ±5%	79 ±5%	71 ±5%	50 ±5%	71 ±5%	96.000
48D600 89W	9784	110	0,38 ±5%	89 ±5%	80 ±5%	54 ±5%	66 ±5%	94.000
48D700 106W	11214	106	0,45 ±5%	106 ±5%	93 ±5%	55 ±5%	72 ±5%	92.000
48D830 128W	12857	100	0,55 ±5%	128 ±5%	111 ±5%	62 ±5%	76 ±5%	90.000
48D900 139W	13814	99	0,6 ±5%	139 ±5%	120 ±5%	76 ±5%	80 ±5%	90.000
60D350 64W	7743	121	0,27 ±5%	64 ±5%	58 ±5%	45 ±5%	68 ±5%	100.000
60D440 81W	9454	117	0,35 ±5%	81 ±5%	73 ±5%	50 ±5%	73 ±5%	100.000
60D530 98W	11193	114	0,42 ±5%	98 ±5%	88 ±5%	55 ±5%	77 ±5%	96.000
60D600 111W	12464	112	0,48 ±5%	111 ±5%	100 ±5%	60 ±5%	78 ±5%	94.000
60D700 132W	13907	105	0,57 ±5%	132 ±5%	117 ±5%	65 ±5%	70 ±5%	92.000
60D730 139W	14641	105	0,6 ±5%	139 ±5%	122 ±5%	69 ±5%	75 ±5%	92.000

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
36D700 81W	10631	131	0,35 ±5%	81 ±5%	70 ±5%	55 ±5%	60 ±5%	93.000
36D830 96W	11647	121	0,41 ±5%	96 ±5%	83 ±5%	62 ±5%	68 ±5%	93.000
36D1000 118W	13523	115	0,51 ±5%	118 ±5%	100 ±5%	68 ±5%	74 ±5%	90.000
48D350 51W	7458	146	0,22 ±5%	51 ±5%	47 ±5%	40 ±5%	50 ±5%	100.000
48D440 65W	9203	142	0,28 ±5%	65 ±5%	59 ±5%	45 ±5%	60 ±5%	100.000
48D530 79W	10543	133	0,34 ±5%	79 ±5%	71 ±5%	50 ±5%	71 ±5%	96.000
48D600 89W	11693	131	0,38 ±5%	89 ±5%	80 ±5%	54 ±5%	66 ±5%	94.000
48D700 106W	13402	126	0,45 ±5%	106 ±5%	93 ±5%	55 ±5%	72 ±5%	92.000
48D830 128W	15366	120	0,55 ±5%	128 ±5%	111 ±5%	62 ±5%	76 ±5%	90.000
48D900 139W	16510	119	0,6 ±5%	139 ±5%	120 ±5%	76 ±5%	80 ±5%	90.000
60D350 64W	9254	145	0,27 ±5%	64 ±5%	58 ±5%	45 ±5%	68 ±5%	100.000
60D440 81W	11299	139	0,35 ±5%	81 ±5%	73 ±5%	50 ±5%	73 ±5%	100.000
60D530 98W	13377	137	0,42 ±5%	98 ±5%	88 ±5%	55 ±5%	77 ±5%	96.000
60D600 111W	14896	134	0,48 ±5%	111 ±5%	100 ±5%	60 ±5%	78 ±5%	94.000
60D700 132W	16621	126	0,57 ±5%	132 ±5%	117 ±5%	65 ±5%	70 ±5%	92.000
60D730 139W	17498	126	0,6 ±5%	139 ±5%	122 ±5%	69 ±5%	75 ±5%	92.000

Optical features		5700 & 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
36D700 81W	11166	138	0,35 ±5%	81 ±5%	70 ±5%	55 ±5%	60 ±5%	93.000
36D830 96W	12233	127	0,41 ±5%	96 ±5%	83 ±5%	62 ±5%	68 ±5%	93.000
36D1000 118W	14203	120	0,51 ±5%	118 ±5%	100 ±5%	68 ±5%	74 ±5%	90.000
48D350 51W	7833	154	0,22 ±5%	51 ±5%	47 ±5%	40 ±5%	50 ±5%	100.000
48D440 65W	9666	149	0,28 ±5%	65 ±5%	59 ±5%	45 ±5%	60 ±5%	100.000
48D530 79W	11073	140	0,34 ±5%	79 ±5%	71 ±5%	50 ±5%	71 ±5%	96.000
48D600 89W	12281	138	0,38 ±5%	89 ±5%	80 ±5%	54 ±5%	66 ±5%	94.000
48D700 106W	14077	133	0,45 ±5%	106 ±5%	93 ±5%	55 ±5%	72 ±5%	92.000
48D830 128W	16139	126	0,55 ±5%	128 ±5%	111 ±5%	62 ±5%	76 ±5%	90.000
48D900 139W	17340	125	0,6 ±5%	139 ±5%	120 ±5%	76 ±5%	80 ±5%	90.000
60D350 64W	9720	152	0,27 ±5%	64 ±5%	58 ±5%	45 ±5%	68 ±5%	100.000
60D440 81W	11867	147	0,35 ±5%	81 ±5%	73 ±5%	50 ±5%	73 ±5%	100.000
60D530 98W	14050	143	0,42 ±5%	98 ±5%	88 ±5%	55 ±5%	77 ±5%	96.000
60D600 111W	15645	141	0,48 ±5%	111 ±5%	100 ±5%	60 ±5%	78 ±5%	94.000
60D700 132W	17457	132	0,57 ±5%	132 ±5%	117 ±5%	65 ±5%	70 ±5%	92.000
60D730 139W	18379	132	0,6 ±5%	139 ±5%	122 ±5%	69 ±5%	75 ±5%	92.000

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

