

MAYA 9C (D) - 206A

TECHNICAL DATASHEET

Compliance with :

EN60598-1, EN60598-2-3, EN61547, EN62031, EN55015, EN61000-3-2, EN61000-3-3



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]	12,7
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 / OSRAM / TRIDONIC
Color Rendering Index (CRI)	>70
Total failure rate	F10 @ 100000h , <0,02% @ 1000h
Led lifetime [hrs] @Tc	L80B10 >100'000 (72D530)

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
72D600 134W	15572	116	0,58 ±5%	134 ±5%	118 ±5%	58	50	94.000
72D700 158W	18242	115	0,68 ±5%	158 ±5%	138 ±5%	60	65	92.000
72D830 188W	20922	111	0,81 ±5%	188 ±5%	163 ±5%	63	63	92.000
72D1000 231W	24649	107	0,99 ±5%	231 ±5%	197 ±5%	71	82	90.000
96D350 102W	12469	122	0,44 ±5%	102 ±5%	92 ±5%	45	53	100.000
96D440 129W	15575	121	0,55 ±5%	129 ±5%	115 ±5%	50	56	100.000
96D530 157W	18859	120	0,67 ±5%	157 ±5%	139 ±5%	58	65	96.000
96D600 178W	21095	119	0,76 ±5%	178 ±5%	157 ±5%	64	62	94.000
96D700 211W	24070	114	0,91 ±5%	211 ±5%	183 ±5%	66	64	92.000
96D830 256W	27624	108	1,1 ±5%	256 ±5%	218 ±5%	83	71	90.000
120D350 127W	15850	125	0,55 ±5%	127 ±5%	115 ±5%	53	62	100.000
120D440 161W	19707	122	0,69 ±5%	161 ±5%	144 ±5%	55	63	100.000
120D530 197W	23450	119	0,85 ±5%	197 ±5%	174 ±5%	69	65	96.000
120D600 223W	26217	118	0,96 ±5%	223 ±5%	197 ±5%	71	70	94.000
120D660 249W	28598	115	1,07 ±5%	249 ±5%	216 ±5%	78	73	93.000
144D350 153W	18939	124	0,66 ±5%	153 ±5%	138 ±5%	52	63	100.000
144D440 194W	23376	120	0,83 ±5%	194 ±5%	173 ±5%	59	69	98.000
144D530 236W	27889	118	1,01 ±5%	236 ±5%	208 ±5%	71	75	96.000
144D560 249W	28747	115	1,07 ±5%	249 ±5%	220 ±5%	72	72	95.000

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

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
72D600 134W	18580	139	0,58 ±5%	134 ±5%	118 ±5%	58	50	94.000
72D700 158W	21767	138	0,68 ±5%	158 ±5%	138 ±5%	60	65	92.000
72D830 188W	24964	133	0,81 ±5%	188 ±5%	163 ±5%	63	63	92.000
72D1000 231W	29412	127	0,99 ±5%	231 ±5%	197 ±5%	71	82	90.000
96D350 102W	14878	146	0,44 ±5%	102 ±5%	92 ±5%	45	53	100.000
96D440 129W	18584	144	0,55 ±5%	129 ±5%	115 ±5%	50	56	100.000
96D530 157W	22503	143	0,67 ±5%	157 ±5%	139 ±5%	58	65	96.000
96D600 178W	25171	141	0,76 ±5%	178 ±5%	157 ±5%	64	62	94.000
96D700 211W	28721	136	0,91 ±5%	211 ±5%	183 ±5%	66	64	92.000
96D830 256W	32961	129	1,1 ±5%	256 ±5%	218 ±5%	83	71	90.000
120D350 127W	18913	149	0,55 ±5%	127 ±5%	115 ±5%	53	62	100.000
120D440 161W	23514	146	0,69 ±5%	161 ±5%	144 ±5%	55	63	100.000
120D530 197W	27981	142	0,85 ±5%	197 ±5%	174 ±5%	69	65	96.000
120D600 223W	31283	140	0,96 ±5%	223 ±5%	197 ±5%	71	70	94.000
120D660 249W	34124	137	1,07 ±5%	249 ±5%	216 ±5%	78	73	93.000
144D350 153W	22599	148	0,66 ±5%	153 ±5%	138 ±5%	52	63	100.000
144D440 194W	27893	144	0,83 ±5%	194 ±5%	173 ±5%	59	69	98.000
144D530 236W	33278	141	1,01 ±5%	236 ±5%	208 ±5%	71	75	96.000
144D560 249W	34302	138	1,07 ±5%	249 ±5%	220 ±5%	72	72	95.000

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

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
72D600 134W	19547	146	0,58 ±5%	134 ±5%	118 ±5%	58	50	94.000
72D700 158W	22899	145	0,68 ±5%	158 ±5%	138 ±5%	60	65	92.000
72D830 188W	26262	140	0,81 ±5%	188 ±5%	163 ±5%	63	63	92.000
72D1000 231W	30941	134	0,99 ±5%	231 ±5%	197 ±5%	71	82	90.000
96D350 102W	15652	153	0,44 ±5%	102 ±5%	92 ±5%	45	53	100.000
96D440 129W	19550	152	0,55 ±5%	129 ±5%	115 ±5%	50	56	100.000
96D530 157W	23674	151	0,67 ±5%	157 ±5%	139 ±5%	58	65	96.000
96D600 178W	26480	149	0,76 ±5%	178 ±5%	157 ±5%	64	62	94.000
96D700 211W	30214	143	0,91 ±5%	211 ±5%	183 ±5%	66	64	92.000
96D830 256W	34675	135	1,1 ±5%	256 ±5%	218 ±5%	83	71	90.000
120D350 127W	19896	157	0,55 ±5%	127 ±5%	115 ±5%	53	62	100.000
120D440 161W	24737	154	0,69 ±5%	161 ±5%	144 ±5%	55	63	100.000
120D530 197W	29436	149	0,85 ±5%	197 ±5%	174 ±5%	69	65	96.000
120D600 223W	32910	148	0,96 ±5%	223 ±5%	197 ±5%	71	70	94.000
120D660 249W	35898	144	1,07 ±5%	249 ±5%	216 ±5%	78	73	93.000
144D350 153W	23774	155	0,66 ±5%	153 ±5%	138 ±5%	52	63	100.000
144D440 194W	29344	151	0,83 ±5%	194 ±5%	173 ±5%	59	69	98.000
144D530 236W	35009	148	1,01 ±5%	236 ±5%	208 ±5%	71	75	96.000
144D560 249W	36086	145	1,07 ±5%	249 ±5%	220 ±5%	72	72	95.000

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

