

Maya 9D - (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)	IK08
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]	21,5
Fixing	Adjustable, arm or head pole

Thermal features

Working temperature [°C]	-25 ÷ +50
Humidity range [%]	10 ÷ 90

Mechanical features

Body material	Aluminum Supercast ®
Body Color	Gray
Glass type	Tempered
Glass Thickness [mm]	4

Optical features

LED manufacturer	PHILIPS
Driver manufacturer	PHILIPS
Beam angles	Symmetric
Color Rendering Index (CRI)	>70
Total failure rate	F10 @ 100000h , <0,02% @ 1000h
Led lifetime [hrs] @Tc	L90B10 >100000 (256C350)

Dimming

Integrated dimming	Included
DALI	Option
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 tot.	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 @60'000h
128D530 210W	25414	121	0,9 ±5%	210 ±5%	189 ±5%	53 ±5%	53 ±5%	96.000
128D600 239W	28388	119	1,03 ±5%	239 ±5%	214 ±5%	56 ±5%	54 ±5%	94.000
128D700 282W	32655	116	1,21 ±5%	282 ±5%	249 ±5%	71 ±5%	64 ±5%	92.000
128D830 341W	37684	111	1,46 ±5%	341 ±5%	295 ±5%	79 ±5%	57 ±5%	90.000
128D1000 412W	43933	107	1,77 ±5%	412 ±5%	356 ±5%	81 ±5%	60 ±5%	90.000
192D530 315W	37793	120	1,35 ±5%	315 ±5%	283 ±5%	53 ±5%	53 ±5%	95.000
192D600 358W	42142	118	1,54 ±5%	358 ±5%	320 ±5%	56 ±5%	54 ±5%	93.000
192D700 423W	48517	115	1,82 ±5%	423 ±5%	374 ±5%	71 ±5%	60 ±5%	91.000
192D750 456W	52226	115	1,96 ±5%	456 ±5%	400 ±5%	81 ±5%	60 ±5%	90.000
256D350 272W	33974	125	1,17 ±5%	272 ±5%	249 ±5%	53 ±5%	53 ±5%	98.000
256D440 344W	41950	122	1,48 ±5%	344 ±5%	313 ±5%	62 ±5%	57 ±5%	95.000
256D530 420W	50300	120	1,8 ±5%	420 ±5%	377 ±5%	71 ±5%	61 ±5%	93.000
256D600 478W	56054	117	2,05 ±5%	478 ±5%	427 ±5%	79 ±5%	64 ±5%	91.000

Optical features 3000K - 4 step MacAdam								
Configuration (LED number - Type - Current)	Total lamp flux [lm]*	lm/w tot.	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 @60'000h
128D530 210W	30325	144	0,9 ±5%	210 ±5%	189 ±5%	53 ±5%	53 ±5%	96.000
128D600 239W	33873	142	1,03 ±5%	239 ±5%	214 ±5%	56 ±5%	54 ±5%	94.000
128D700 282W	38964	138	1,21 ±5%	282 ±5%	249 ±5%	71 ±5%	64 ±5%	92.000
128D830 341W	44965	132	1,46 ±5%	341 ±5%	295 ±5%	79 ±5%	57 ±5%	90.000
128D1000 412W	52422	127	1,77 ±5%	412 ±5%	356 ±5%	81 ±5%	60 ±5%	90.000
192D530 315W	45096	143	1,35 ±5%	315 ±5%	283 ±5%	53 ±5%	53 ±5%	95.000
192D600 358W	50285	140	1,54 ±5%	358 ±5%	320 ±5%	56 ±5%	54 ±5%	93.000
192D700 423W	57891	137	1,82 ±5%	423 ±5%	374 ±5%	71 ±5%	60 ±5%	91.000
192D750 456W	62318	137	1,96 ±5%	456 ±5%	400 ±5%	81 ±5%	60 ±5%	90.000
256D350 272W	40539	149	1,17 ±5%	272 ±5%	249 ±5%	53 ±5%	53 ±5%	98.000
256D440 344W	50056	146	1,48 ±5%	344 ±5%	313 ±5%	62 ±5%	57 ±5%	95.000
256D530 420W	60019	143	1,8 ±5%	420 ±5%	377 ±5%	71 ±5%	61 ±5%	93.000
256D600 478W	66885	140	2,05 ±5%	478 ±5%	427 ±5%	79 ±5%	64 ±5%	91.000

Optical features		4000K & 5700K - 4 step MacAdam						
Configuration (LED number - Type - Current)	Total lamp flux [lm]*	lm/w tot.	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 @60'000h
128D530 210W	31902	152	0,9 ±5%	210 ±5%	189 ±5%	53 ±5%	53 ±5%	96.000
128D600 239W	35634	149	1,03 ±5%	239 ±5%	215 ±5%	56 ±5%	54 ±5%	94.000
128D700 282W	40990	145	1,21 ±5%	282 ±5%	254 ±5%	71 ±5%	64 ±5%	92.000
128D830 341W	47304	139	1,46 ±5%	341 ±5%	307 ±5%	79 ±5%	57 ±5%	90.000
128D1000 412W	55147	134	1,77 ±5%	412 ±5%	371 ±5%	81 ±5%	60 ±5%	90.000
192D530 315W	47441	151	1,35 ±5%	315 ±5%	284 ±5%	53 ±5%	53 ±5%	95.000
192D600 358W	52900	148	1,54 ±5%	358 ±5%	322 ±5%	56 ±5%	54 ±5%	93.000
192D700 423W	60902	144	1,82 ±5%	423 ±5%	381 ±5%	71 ±5%	60 ±5%	91.000
192D750 456W	65558	144	1,96 ±5%	456 ±5%	410 ±5%	81 ±5%	60 ±5%	90.000
256D350 272W	42647	157	1,17 ±5%	272 ±5%	245 ±5%	53 ±5%	53 ±5%	98.000
256D440 344W	52659	153	1,48 ±5%	344 ±5%	310 ±5%	62 ±5%	57 ±5%	95.000
256D530 420W	63140	150	1,8 ±5%	420 ±5%	378 ±5%	71 ±5%	61 ±5%	93.000
256D600 478W	70363	147	2,05 ±5%	478 ±5%	430 ±5%	79 ±5%	64 ±5%	91.000

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

