

MATRIX 2800P



MATRIX 2801P



MATRIX 2802P



MATRIX 2803P



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LINKED PRODUCTS



MATRIX RECESSED
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UPDATED TECHNICAL DATA



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APPLICATION



Linear adjustable fixture, suitable for wall, ceiling or floor installation as a stand-alone projector. Equipped with secondary optics for different light distributions, this version of the Matrix line is particularly suitable for grazing lighting on building facades, to enhance their material consistency, or to accentuate the architectural details of a historic building. RGBW also available. Dali dimmable on request with extra charge.

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SPECIFICATIONS



Installation:
Wall/Ceiling/Ground



LED SYSTEM WITH BUILT-IN DRIVER

COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL	LED
2800P/WP50.XX	1452 lm	1220 lm	3000 K	80	14W 220-240Vac 50/60Hz	I	8
2800P/NP50.XX	1525 lm	1281 lm	4000 K	80	14W 220-240Vac 50/60Hz	I	8
2801P/WP50.XX	2905 lm	2440 lm	3000 K	80	26W 220-240Vac 50/60Hz	I	16
2801P/NP50.XX	3050 lm	2562 lm	4000 K	80	26W 220-240Vac 50/60Hz	I	16
2802P/WP50.XX	4357 lm	3660 lm	3000 K	80	42W 220-240Vac 50/60Hz	I	24
2802P/NP50.XX	4575 lm	3843 lm	4000 K	80	42W 220-240Vac 50/60Hz	I	24
2803P/WP50.XX	5810 lm	4880 lm	3000 K	80	54W 220-240Vac 50/60Hz	I	32
2803P/NP50.XX	6100 lm	5124 lm	4000 K	80	54W 220-240Vac 50/60Hz	I	32

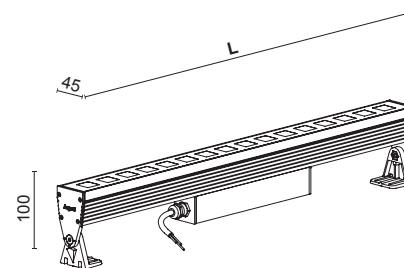
Beam
XX=NB (Spot 12°)
XX=MB (Flood 28°)
XX=WB (Wide Flood 50°)
XX=OB (Oval 42°+12°)

Adjustable Direct Emission
Silk-Screen Clear Glass

Dali dimmable on request
with extra charge

- The rated flux values refer to source LED at Ts75°C / ta25°C
- The Power/Flux in the table refer to maximum installable value
- Lower powers are available on request, only for version with built-in driver
- Dimmable system available on request only with built-in driver

DIMENSIONS



CODE	L
2800P	306mm
2801P	586mm
2802P	866mm
2803P	1146mm



COD.	Source Flux	Fixture Flux	CCT	CRI	Power	CL
2800P/WR50VS	870 lm	339 lm	3000	80	8W 220-240Vac 50/60Hz	I
2800P/NR50VS	920 lm	357 lm	4000	80	8W 220-240Vac 50/60Hz	I
2801P/WR50VS	1740 lm	678 lm	3000	80	13W 220-240Vac 50/60Hz	I
2801P/NR50VS	1840 lm	718 lm	4000	80	13W 220-240Vac 50/60Hz	I
2802P/WR50VS	2610 lm	1020 lm	3000	80	19W 220-240Vac 50/60Hz	I
2802P/NR50VS	2760 lm	1076 lm	4000	80	19W 220-240Vac 50/60Hz	I
2803P/WR50VS	3480 lm	1355 lm	3000	80	26W 220-240Vac 50/60Hz	I
2803P/NR50VS	3680 lm	1435 lm	4000	80	26W 220-240Vac 50/60Hz	I

Beam
>100°

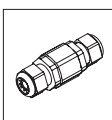
Adjustable Diffuse Emission
Opal Glass

Dali dimmable on request
with extra charge

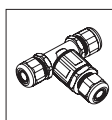
STANDARD COLOURS



ACCESSORIES



MOR683P/2V
IP68 2ways/3poles connector.
Maximum section 3x2.5mm



MOR683P/3V
IP68 3ways/3poles branch
connector. Maximum section
3x2.5mm

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SPECIFICATIONS



Installation:
Wall/Ceiling/Ground

- The rated flux values refer to source LED at Ts85°C / ta25°C
- The Power/Flux in the table refer to maximum installable value
- The data in the table refer to the configuration with all channels on (100%)
- The total power of the system depends on the number and type of devices envisaged. Depending on the project, it may be necessary to use "n" single power supply devices.
- **IP68 component-holder box available only on request**
- **24V remote driver to be ordered separately**
- **DMX Remote controller included**
- **Connecting cables with plugs must be ordered separately and configured according to the project**



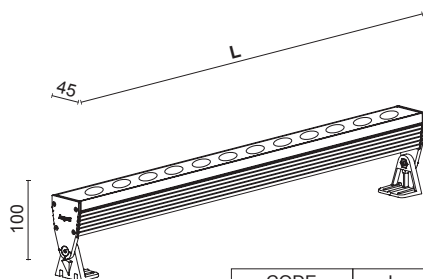
RGBW LED SYSTEM WITH 24Vdc REMOTE DRIVER

COD.	Source Flux	Fixture Flux	CCT-CRI	Power	CL	LED
2800P/RCRC.XX	1650 lm	1420 lm	RGBW - WHITE 6500K	12W 24Vdc	III	4
2801P/RCRC.XX	3300 lm	2840 lm	RGBW - WHITE 6500K	24W 24Vdc	III	8
2802P/RCRC.XX	4950 lm	4260 lm	RGBW - WHITE 6500K	36W 24Vdc	III	12
2803P/RCRC.XX	6600 lm	5680 lm	RGBW - WHITE 6500K	48W 24Vdc	III	16

Beam
XX=MB (Flood 24°)
XX=WB (Wide Flood 35°)
XX=SW (Super Wide 54°)
XX=O4 (Oval 40°x20°)

Adjustable Direct Emission
Silk-Screen Clear Glass

DIMENSIONS



CODE	L
2800P	306mm
2801P	586mm
2802P	866mm
2803P	1146mm

RGBW ALGORITHM SYSTEM

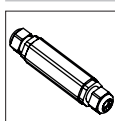
The RGBW system has been completely revised, significantly increasing its efficiency and lumen output of colors. A new DMX control system based on a microchip algorithm has been inserted inside the lamp, capable of obtaining a constant and full power wattage for each single color or in the combination of the color channels.



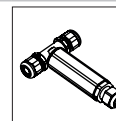
STANDARD COLOURS



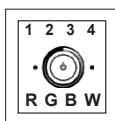
RGBW ACCESSORIES



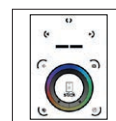
MOR686P/2V
IP68 2ways/6poles connector.
Maximum section 6x2.5mm



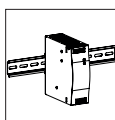
MOR686P/3V
IP68 3ways/6poles branch connector. Maximum section 6x2.5mm



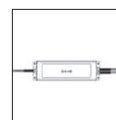
E.CNT.001
Remote control touch keyboard
16 DMX Ch./4 Zones 100-240V



E.CNT.002
Remote control touch keyboard
1024 DMX Ch./10 Zones USB/
Ethernet 100-240V



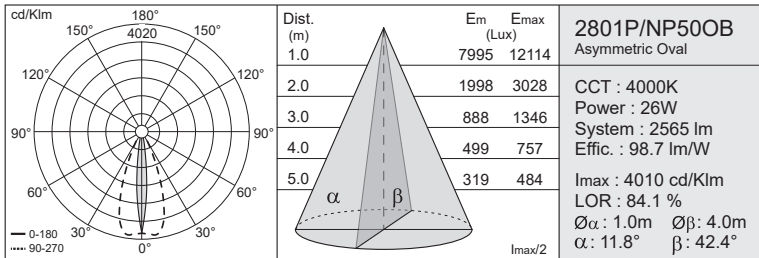
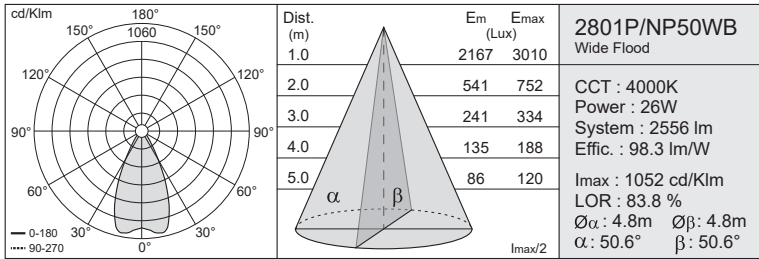
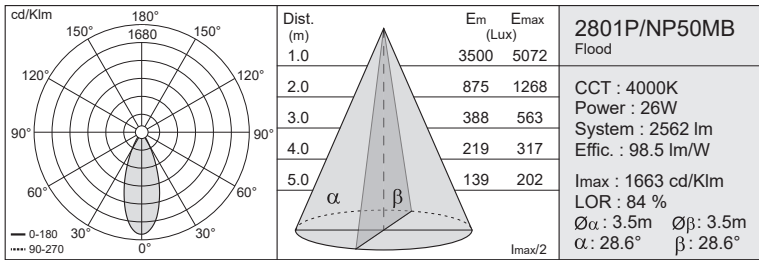
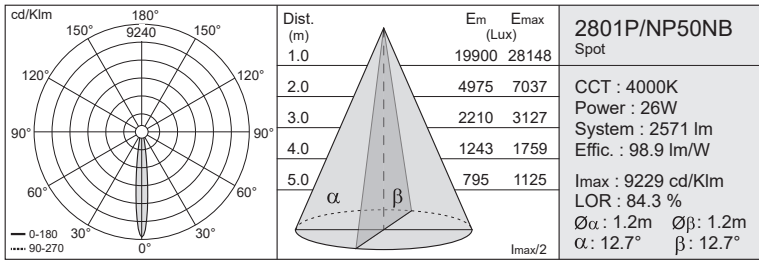
Remote Driver 24V
E.TRA.570 120W 24Vdc IP20
E.TRA.569 240W 24Vdc IP20
E.TRA.568 480W 24Vdc IP20



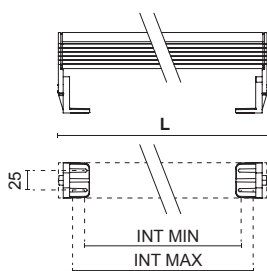
E.TRA.592
Remote Driver 240W 24Vdc IP67

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PHOTOMETRICS DATA



ASSEMBLY



CODE	L	INT MIN	INT MAX
2800P	306mm	238mm	266mm
2801P	586mm	518mm	546mm
2802P	866mm	798mm	826mm
2803P	1146mm	1078mm	1106mm

CHARACTERISTICS

- Adjustable luminaire on transversal plane with screw tightening/graduated ring nut.
- Supplied pre-wired with 50cm cable type H05RN-F 3x1mmq and cable gland IP68 (5x1mmq Ver. Dimmable)
- Optical/Driver section not accessible during installation.
- LED maintenance can be carried out by disassembling the head (4 screws) and the support bracket.
- Driver maintenance can be carried out by replacing the resin box.
- Fixed or Dali dimmable system for monochromatics LEDs.
- RGBW system for multichip LEDs.
- Luminaire Conforms to EN60598-1 Standard and special requirements

MATERIALS

- Body in aluminum alloy for extrusion
- Heads/adjustable arm in die casting aluminum alloy.
- Float glass extra clear th=5mm with screen printing- LTF transmission > 90%.
- Seals in EDPM closed cell rubber, UV- resist. Tx -40/+150°C.
- Glass/Driver gasket in neutral cross-linking silicone glue – Tx -50/+250°C UV resist.
- Passive heatsink in aluminum alloy.
- Internal and external screws in A2 Stainless Steel
- Cable gland M16 IP68
- Polyester powder coating, UV-stabilised with anti-corrosion treatment.

