

NTE Sistemas PM-BASIC & PM-PRO LED Floodlights IP66

RMN SWISS SOLUTIONS BY NTE SISTEMAS



MADE IN SPAIN

ANTI SALINE PROTECTION FOR HARSH MARINE ENVIRONMENT

PROVEN CONCEPT FOR OFFSHORE APPLICATIONS

One Size LED Luminaire
Choice in lumen output from 6.000 up to 38.000 lumen

LED Floodlight PM-BASIC LT

Professional LED Floodlight with large dissipation area of **standard 120°**
 High performance aluminium injection body with high performance coating, black color.
 Fireproof internal wiring up to 300°C with high strength and flexibility.
FOR MARINE ENVIRONMENTS optional with certified anti-saline coating available and doesn't affect the heat dissipation of the fixture.
 4 mm tempered glass and IK08 impact resistant. Adjustable mounting bracket.
 LED Driver IP67 1-10V adjustable and divided from the LED module.
 LED 3030 module [L80B10] with superior efficacy **up to 166 lm/w.**
 Estimated useful life superior to >60.000 hour.
 3 years fully manufacturer warranty.
 Overvoltage protection 6KV.
 Available light colors 3000K, 4000K and 5000K (standard color 4000K) CRI >80.
 Voltage 95/270V 48/63Hz.
 Protection IP66 IK08. **Complete with IP68 Connector for easy and fast installation.**
 Power factor $\geq 96\%$ ($\cos \phi \geq 0,96$).
Breather valve equals temperature inside and outside, reducing temperature and prevent condensation inside.
 Ambient temperatures -40°C - +60°C.
 Low total weight 5,4 kg. Dimensions 384x246x71mm HxWxD.
 Some optional available with emergency battery
 Developed and produced in EU.

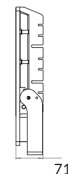
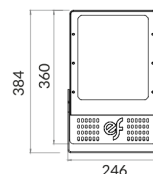
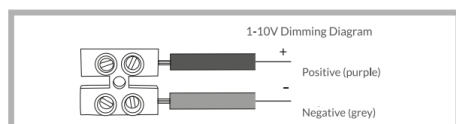


Breather Valve



Article No.	Description	Wattage	Lumen output	LxWxH mm
83NTE1000	PM-BASIC LT-6K	37/38	5.967	384 x 246 x 71
83NTE1001	PM-BASIC LT-8K	50/52	8.268	384 x 246 x 71
83NTE1002	PM-BASIC LT-12K	75/78	12.402	384 x 246 x 71
83NTE1003	PM-BASIC LT-16K	100/105	16.537	384 x 246 x 71
83NTE1004	PM-BASIC LT-24K	150/157	24.805	384 x 246 x 71
83NTE1005	PM-BASIC LT-32K	200/209	33.073	384 x 246 x 71
83NTE....P	Optional Anti Saline Coating	-	-	-

WIRE CONNECTION



LED Floodlight PM-BASIC

Professional LED Floodlight with large dissipation area of **standard 120°**
 High performance aluminium injection body with high performance coating, black color.
 Fireproof internal wiring up to 300°C with high strength and flexibility.
FOR MARINE ENVIRONMENTS optional with certified anti-saline coating available and doesn't affect the heat dissipation of the fixture.
 4 mm tempered glass and IK08 impact resistant. Adjustable mounting bracket.
 LED Driver IP67 1-10V adjustable and divided from the LED module.
 LED 5630 module [L80B10] with superior efficacy **up to 200 lm/w.**
 Estimated useful life superior to >60.000 hour.
 3 years warranty.
 Overvoltage protection 6KV.
 Available light colors 3000K, 4000K and 5000K (standard color 4000K) CRI >80.
 Voltage 95/270V 48/63Hz.
 Protection IP66 IK08. **Complete with IP68 Connector for easy and fast installation.**
 Power factor $\geq 96\%$ ($\cos \phi \geq 0,96$).
Breather valve equals temperature inside and outside, reducing temperature and prevent condensation inside.
 Ambient temperatures -40°C - +60°C.
 Low total weight 5,4 kg. Dimensions 384x246x71mm HxWxD.
 Some optional available with emergency battery.
 Developed and produced in EU.

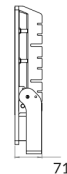
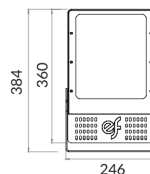
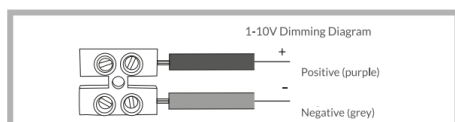


Breather Valve



Article No.	Description	Wattage	Lumen output	LxWxH mm
83NTE1020	PM-BASIC 9K	45/50	9.245	384 x 246 x 71
83NTE1021	PM-BASIC 12K	60/67	11.622	384 x 246 x 71
83NTE1022	PM-BASIC 16K	80/88	15.377	384 x 246 x 71
83NTE1023	PM-BASIC 20K	99/109	19.215	384 x 246 x 71
83NTE1024	PM-BASIC 24K	118/128	22.883	384 x 246 x 71
83NTE1025	PM-BASIC 28K	138/150	26.806	384 x 246 x 71
83NTE1026	PM-BASIC 32K	159/171	30.715	384 x 246 x 71
83NTE1027	PM-BASIC 36K	178/191	34.505	384 x 246 x 71
83NTE1028	PM-BASIC 40K	196/211	38.202	384 x 246 x 71
83NTE....P	Optional Anti Saline Coating	-	-	-

WIRE CONNECTION



LED Floodlight PM-PRO LT

Professional LED Floodlight with large dissipation area of **standard 90°**
 High performance aluminium injection body with high performance coating, black color.
FOR MARINE ENVIRONMENTS optional with certified anti-saline coating available and doesn't affect the heat dissipation of the fixture.
 4 mm tempered glass and IK08 impact resistant.
 LED Driver IP67 1-10V adjustable and divided from the LED module.
 Adjustable mounting bracket.
 LED 3030 module [L80B10] with superior efficacy **up to 166 lm/w.**
 Estimated useful life superior to >60.000 hour.
 3 years manufacturers warranty (optional 5 years).
 Overvoltage protection 6KV.
 Available light colors 3000K, 4000K and 5000K (standard color 4000K) CRI 85.
 Voltage 95/270V 48/63Hz.
 Protection IP66 IK08. **Complete with IP68 Connector for easy and fast installation.**
 Power factor $\geq 96\%$ ($\cos \phi \geq 0,96$).
Breather valve equals temperature inside and outside, reducing temperature and prevent condensation inside.
 Ambient temperatures $-40^{\circ}\text{C} - +60^{\circ}\text{C}$.
 Low total weight 5,4 kg. Dimensions 384x246x71mm HxWxD.
 Some optional available with emergency battery.
 Available in optics 40°, 60°, 90° or with A-symmetrical T2 optic (standard 90°).
 Optional available with DALI protocol. Developed and produced in EU.

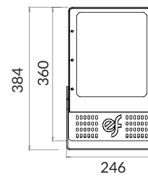
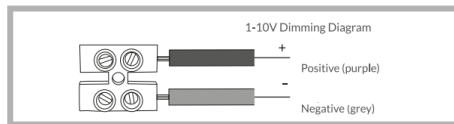


Breather Valve



Article No.	Description	Wattage	Lumen output	LxWxH mm
83NTE1050	PM-PRO LT-6K	37/38	5.967	384 x 246 x 71
83NTE1051	PM-PRO LT-8K	50/52	8.268	384 x 246 x 71
83NTE1052	PM-PRO LT-12K	75/78	12.402	384 x 246 x 71
83NTE1053	PM-PRO LT-16K	100/105	16.537	384 x 246 x 71
83NTE1054	PM-PRO LT-24K	150/157	24.805	384 x 246 x 71
83NTE1055	PM-PRO LT-32K	200/209	33.073	384 x 246 x 71
83NTE....P	Optional Anti Saline Coating	-	-	-

WIRE CONNECTION

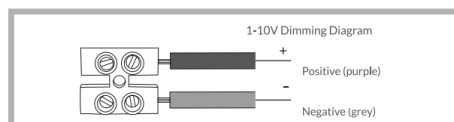


LED Floodlight PM-PRO

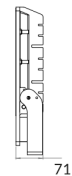
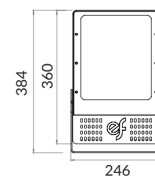
Professional LED Floodlight with large dissipation area of **standard 120°**
 High performance aluminium injection body with high performance coating, black color.
 Fireproof internal wiring up to 300°C with high strength and flexibility.
FOR MARINE ENVIRONMENTS optional with certified anti-saline coating available and doesn't affect the heat dissipation of the fixture.
 4 mm tempered glass and IK08 impact resistant. Adjustable mounting bracket.
 LED Driver IP67 1-10V adjustable and divided from the LED module.
 LED 3535 module [L90B10] with superior efficacy **up to 194 lm/w.**
 Estimated useful life superior to >100.000 hour.
 5 years manufacturers warranty (optional 10 years).
 Overvoltage protection 6KV.
 Available light colors 3000K, 4000K and 5000K (standard color 4000K) CRI 85.
 Voltage 95/270V 48/63Hz.
 Protection IP66 IK08. **Complete with IP68 Connector for easy and fast installation.**
 Power factor $\geq 96\%$ ($\cos \phi \geq 0,96$).
Breather valve equals temperature inside and outside, reducing temperature and prevent condensation inside.
 Ambient temperatures $-40^{\circ}\text{C} - +60^{\circ}\text{C}$.
 Low total weight 5,4 kg. Dimensions 384x246x71mm HxWxD.
 Some optional available with emergency battery.
 Available in optics 30°, 60°, 90°, 120°, 160° or with A-symmetrical optic T2 or T3 (standard 120°).
 Optional available with DALI protocol. Developed and produced in EU.

Article No.	Description	Wattage	Lumen output	LxWxH mm
83NTE1100	PM-PRO 6K	36/40	6.467	384 x 246 x 71
83NTE1101	PM-PRO 9K	48/53	9.297	384 x 246 x 71
83NTE1102	PM-PRO 12K	72/80	12.933	384 x 246 x 71
83NTE1103	PM-PRO 16K	90/99	16.730	384 x 246 x 71
83NTE1104	PM-PRO 20K	115/125	20.414	384 x 246 x 71
83NTE1105	PM-PRO 24K	135/147	24.546	384 x 246 x 71
83NTE1106	PM-PRO 28K	160/172	28.177	384 x 246 x 71
83NTE1107	PM-PRO 32K	175/188	32.702	384 x 246 x 71
83NTE1108	PM-PRO 36K	200/215	36.449	384 x 246 x 71
83NTE....P	Optional Anti Saline Coating	-	-	-

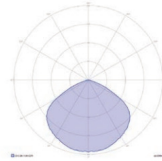
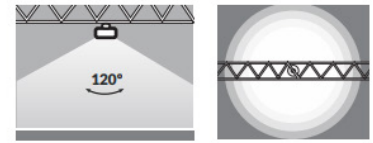
WIRE CONNECTION



Breather Valve

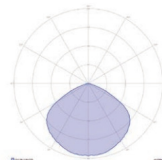
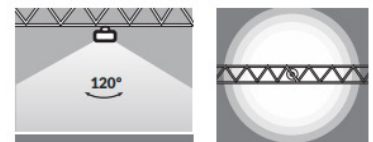


NTE Sistemas OPTICS PM-BASIC LT



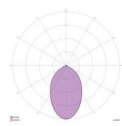
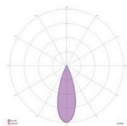
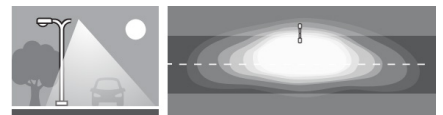
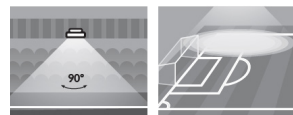
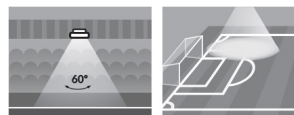
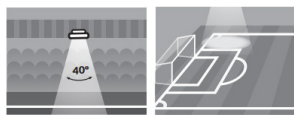
Optics PM-BASIC LT

NTE Sistemas OPTICS PM-BASIC

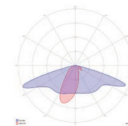
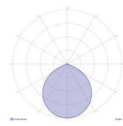


Optics PM-BASIC

NTE Sistemas OPTICS PM-PRO LT

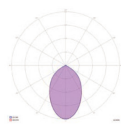
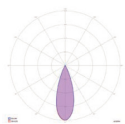
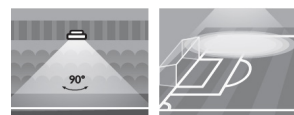
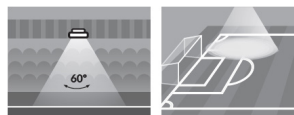
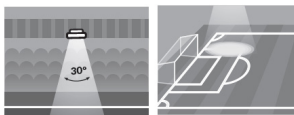


Optics PM-PRO LT

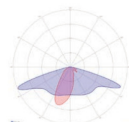
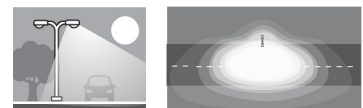
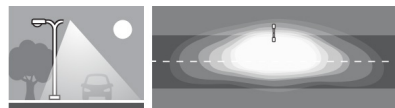
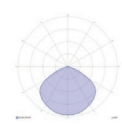
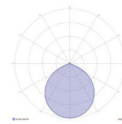


Optic T2 Asymmetric
135° x 60°

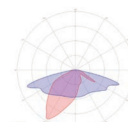
NTE Sistemas OPTICS PM-PRO



Optics PM-PRO



Optic T2 Asymmetric
135° x 60°



Optic T3 Asymmetric
135° x 75°

RMN SWISS SOLUTIONS
Produced by NTE Sistemas in Spain

<https://www.rmn.eu>



**2 pieces PM-PRO 32K at the bridge roof
to illuminate the entire deck area.**

PM-PRO