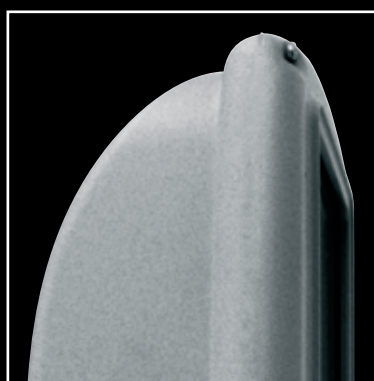


Light as star

The **MACH 3** floodlight has been designed to offer the ultimate in technical prowess, especially with regard to new, high-performing sources of light.

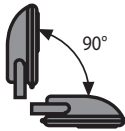
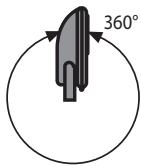
The floodlight is suitable for metal halide or high pressure sodium lamps 150W RX7s and G12 lampholder in I class and for 70W lamps RX7s lampholder in II class.

In addition to the conventional warm or cold metal halide lamps, these floodlights are suitable to the innovative lamps with ceramic discharge tube. These luminous sources have excellent lighting characteristics as regards to constancy, colours and luminous efficiency during the entire life of the lamp.



Technical features of Mach 3

Aiming



Electronic ballast version

Description

CHARACTERISTICS

- Body in die cast aluminium.
- Coated with polyester powders in black, titanium, silver and white colours.
- Reflector in high pure aluminium, polished and oxidized.
- Tempered front glass, sealed to the cover.
- Maximum surface wind resistance: 0,075 m².
- Gaskets in anti-aging silicon rubber.
- Protection degree against external impacts: IK 08.
- Bracket made of galvanized painted steel with index for vertical orientation.
- The control gear plate is made out of galvanized steel sheet. In insulation class I, the floodlight is complete with a protection fuse.
- All electrical components are certified with ENEC mark (230V, 50 Hz). The projector has been manufactured according to EN 60598/1 standards.




OPTICAL SYSTEM

- The **symmetrical** version can accommodate two different reflectors:
 - wide beam;
 - intensive.
- The **asymmetrical** optic is designed to obtain illumination values with best uniformity terms, in full compliance with national and international recommendations against light pollution. The projector is supplied with two different optics systems:
 - wide beam
 - semi-intensive.
- The **circular** projector comes with two types of optics:
 - Brilliant with medium beam, complete with a flux reflecting skirt which eliminates direct glare of the lamp;
 - Metallic narrow beam with high intensity.

ELECTRONIC BALLAST VERSION

Versions with electronic ballast with high efficiency and durability are also available. The power supplies are suitable for outdoor environment and are protected from overvoltage (surge protection) up to 4kV common mode (between L, N and earth) and up to 6kV differential mode (between L and N). The luminous flux of the lamp is constant over time and a better stability of the light source is guaranteed, without flickering. The lamp can operate correctly even in the presence of significant variations of the input voltage and is guaranteed an average energy savings of 5% compared to conventional wiring and, simultaneously, an increase in the average life of the lamp. The power supply is equipped with automatic shut-off safety device in the event of lamp failure or absent.

LAMPS

	MD (JM-TS) 70-150W RX7s
	SD (SAP-TS) 70-150W RX7s
	MT (JM-T) 70-150W - G12

COLOURS

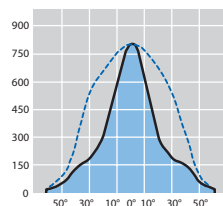
	Black
	Silver
	White
	Titanium



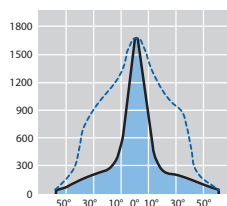
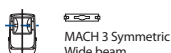
Photometric data



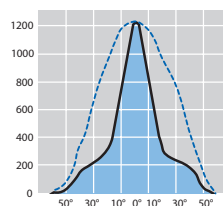
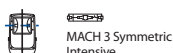
Symmetric



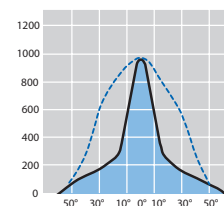
MD (JM-TS) 150W RX7s



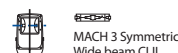
MD (JM-TS) 150W RX7s



SD (SAP-TS) 70W RX7s



MD (JM-TS) 70W RX7s



Product codes

MACH 3 SYMMETRIC - CL I

CODE	DESCRIPTION	LAMP TYPE	WEIGHT (KG)	PACKING (PCS)	PALLET (PCS)	VOLUME
50903	CR NIK Black Body - Wide beam - RX7s	MD (JM-TS) 150W 3000K	5.60	1	104	0.0154
50904	CR NIK Silver Body - Wide beam - RX7s	MD (JM-TS) 150W 3000K	5.60	1	104	0.0154
50905	CR NIK Titanium Body - Wide beam - RX7s	MD (JM-TS) 150W 3000K	5.60	1	104	0.0154
52606	CR NIK White Body - Wide beam - RX7s	MD (JM-TS) 150W 3000K	5.60	1	104	0.0154
50906	CR NIK Black Body - Intensive - RX7s	MD (JM-TS) 150W 3000K	5.60	1	104	0.0154
50907	CR NIK Silver Body - Intensive - RX7s	MD (JM-TS) 150W 3000K	5.60	1	104	0.0154
50908	CR NIK Titanium Body - Intensive - RX7s	MD (JM-TS) 150W 3000K	5.60	1	104	0.0154
52600	CR NIK Black Body - Wide beam - RX7s	MD (JM-TS) 150W 4200K	5.60	1	104	0.0154
52601	CR NIK Silver Body - Wide beam - RX7s	MD (JM-TS) 150W 4200K	5.60	1	104	0.0154
52602	CR NIK Titanium Body - Wide beam - RX7s	MD (JM-TS) 150W 4200K	5.60	1	104	0.0154
52607	CR NIK White Body - Wide beam - RX7s	MD (JM-TS) 150W 4200K	5.60	1	104	0.0154
52650	CR NIK Black Body - Wide beam - G12	MT (JM-T) 150W 3000K	5.60	1	104	0.0154
52651	CR NIK Silver Body - Wide beam - G12	MT (JM-T) 150W 3000K	5.60	1	104	0.0154
52623	CR Black Body - Wide beam - G12	MD (JM-TS) - SD (SAP-TS) 150W	5.60	1	104	0.0154
52624	CR Silver Body - Wide beam - RX7s	MD (JM-TS) - SD (SAP-TS) 150W	5.60	1	104	0.0154
52625	CR Titanium Body - Wide beam - RX7s	MD (JM-TS) - SD (SAP-TS) 150W	5.60	1	104	0.0154

MACH 3 SYMMETRIC - CL II

CODE	DESCRIPTION	LAMP TYPE	WEIGHT (KG)	PACKING (PCS)	PALLET (PCS)	VOLUME
52800	CR Black Body - Wide beam - RX7s	MD (JM-TS) - SD (SAP-TS) 70W	5.30	1	104	0.0154

MACH 3 - SYMMETRIC WITH ELECTRONIC BALLAST

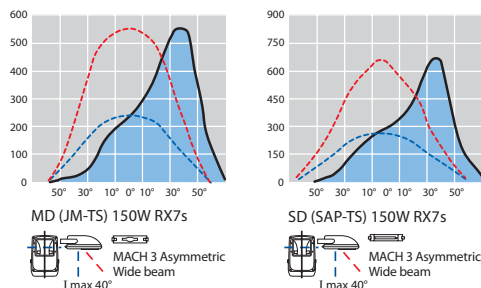
CODE	DESCRIPTION	LAMP TYPE	WEIGHT (KG)	PACKING (PCS)	PALLET (PCS)	VOLUME
54051	EL CR Silver Body - Wide beam - RX7s	MD (JM-TS) 150W	4.28	1	104	0.0154
54052	EL CR Silver Body - Intensive - RX7s	MD (JM-TS) 150W	4.28	1	104	0.0154
54053	EL CR Silver Body - Wide beam - G12	MT (JM-T) 150W	4.28	1	104	0.0154
54054	EL CR Silver Body - Intensive - G12	MT (JM-T) 150W	4.28	1	104	0.0154

At page 187 and 188 it's possible to see the list of compatible lamps.

Photometric data



Asymmetric



Product codes

MACH 3 ASYMMETRIC - CL I

CODE	DESCRIPTION	LAMP TYPE	WEIGHT (KG)	PACKING (PCS)	PALLET (PCS)	VOLUME
50943	LEM Black Body - Wide beam - RX7s	MD (JM-TS) 150W 3000K	5.60	1	104	0.0154
50944	LEM Silver Body - Wide beam - RX7s	MD (JM-TS) 150W 3000K	5.60	1	104	0.0154
50945	LEM Titanium Body - Wide beam - RX7s	MD (JM-TS) 150W 3000K	5.60	1	104	0.0154
52608	LEM White Body - Wide beam - RX7s	MD (JM-TS) 150W 3000K	5.60	1	104	0.0154
50946	LEM Black Body - Semi-intensive - RX7s	MD (JM-TS) 150W 3000K	5.60	1	104	0.0154
50947	LEM Silver Body - Semi-intensive - RX7s	MD (JM-TS) 150W 3000K	5.60	1	104	0.0154
50948	LEM Titanium Body - Semi-intensive - RX7s	MD (JM-TS) 150W 3000K	5.60	1	104	0.0154
52603	LEM Black Body - Wide beam - RX7s	MD (JM-TS) 150W 4200K	5.60	1	104	0.0154
52604	LEM Silver Body - Wide beam - RX7s	MD (JM-TS) 150W 4200K	5.60	1	104	0.0154
52605	LEM Titanium Body - Wide beam - RX7s	MD (JM-TS) 150W 4200K	5.60	1	104	0.0154
52609	LEM White Body - Wide beam - RX7s	MD (JM-TS) 150W 4200K	5.60	1	104	0.0154
52654	LEM Black Body - Wide beam - G12	MT (JM-T) 150W 3000K	5.60	1	104	0.0154
52655	LEM Silver Body - Wide beam - G12	MT (JM-T) 150W 3000K	5.60	1	104	0.0154
52620	LEM Black Body - Wide beam - RX7s	MD (JM-TS) - SD (SAP-TS) 150W	5.60	1	104	0.0154
52621	LEM Silver Body - Wide beam - RX7s	MD (JM-TS) - SD (SAP-TS) 150W	5.60	1	104	0.0154
52622	LEM Titanium Body - Wide beam - RX7s	MD (JM-TS) - SD (SAP-TS) 150W	5.60	1	104	0.0154

MACH 3 ASYMMETRIC - CL II

CODE	DESCRIPTION	LAMP TYPE	WEIGHT (KG)	PACKING (PCS)	PALLET (PCS)	VOLUME
52802	LEM Black Body - Wide beam - RX7s	MD (JM-TS) - SD (SAP-TS) 70W	5.30	1	104	0.0154

MACH 3 - ASYMMETRIC WITH ELECTRONIC BALLAST

CODE	DESCRIPTION	LAMP TYPE	WEIGHT (KG)	PACKING (PCS)	PALLET (PCS)	VOLUME
54061	LEM Silver Body - Wide beam - RX7s	MD (JM-TS) 150W	4.28	1	104	0.0154
54062	LEM Silver Body - Intensive - RX7s	MD (JM-TS) 150W	4.28	1	104	0.0154
54063	LEM Silver Body - Wide beam - G12	MT (JM-T) 150W	4.28	1	104	0.0154
54064	LEM Silver Body - Intensive - G12	MT (JM-T) 150W	4.28	1	104	0.0154

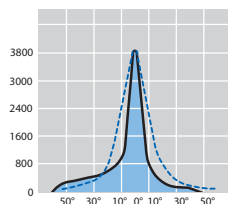
At page 187 and 188 it's possible to see the list of compatible lamps.



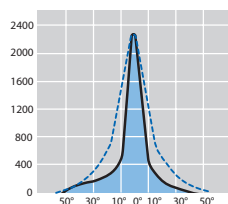
Photometric data



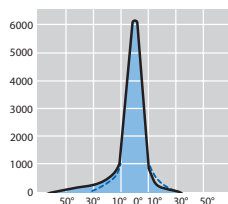
Circular



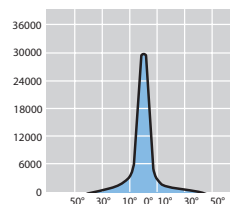
MD (JM-TS) 150W RX7s



SD (SAP-TS) 150W RX7s



MD (JM-TS) 70W RX7s



MT (JM-T) 150W G12



Product codes

MACH 3 CIRCULAR - CL I

CODE	DESCRIPTION	LAMP TYPE	WEIGHT (KG)	PACKING (PCS)	PALLET (PCS)	VOLUME
50963	CRL BOB Black Body - Circular - RX7s	MD (JM-TS) 150W 3000K	5.60	1	104	0.0154
50964	CRL BOB Silver Body - Circular - RX7s	MD (JM-TS) 150W 3000K	5.60	1	104	0.0154
50965	CRL BOB Titanium Body - Circular - RX7s	MD (JM-TS) 150W 3000K	5.60	1	104	0.0154
50966	CRL BOB Black Body - Circular - G12	MT (JM-T) 150W 3000K	5.60	1	104	0.0154
50967	CRL BOB Silver Body - Circular - G12	MT (JM-T) 150W 3000K	5.60	1	104	0.0154
50968	CRL BOB Titanium Body - Circular - G12	MT (JM-T) 150W 3000K	5.60	1	104	0.0154
50969	CRL BOB White Body - Circular - G12	MT (JM-T) 150W 3000K	5.60	1	104	0.0154
52658	CRL BOB Black Body - Circular High intensity - G12	MT (JM-T) 150W 3000K	5.60	1	104	0.0154
52659	CRL BOB Silver Body - Circular High intensity - G12	MT (JM-T) 150W 3000K	5.60	1	104	0.0154
52666	CRL BOB Black Body - Circular High intensity - RX7s	MD (JM-TS) 150W 3000K	5.60	1	104	0.0154
52667	CRL BOB Silver Body - Circular High intensity - RX7s	MD (JM-TS) 150W 3000K	5.60	1	104	0.0154

MACH 3 CIRCULAR - CL II

CODE	DESCRIPTION	LAMP TYPE	WEIGHT (KG)	PACKING (PCS)	PALLET (PCS)	VOLUME
52804	CR Black Body - RX7s	MD (JM-TS) - SD (SAP-TS) 70W	5.30	1	104	0.0154
52805	CR Black Body - G12	MT (JM-T) 70W	5.30	1	104	0.0154

MACH 3 CIRCULAR WITH ELECTRONIC BALLAST

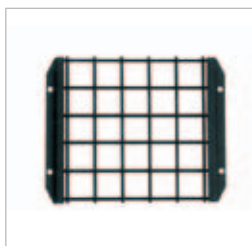
CODE	DESCRIPTION	LAMP TYPE	WEIGHT (KG)	PACKING (PCS)	PALLET (PCS)	VOLUME
54071	EL CR Silver Body - Circular - RX7s	MD (JM-TS) 150W	4.28	1	104	0.0154
54072	EL CR Silver Body - Circular High intensity - RX7s	MD (JM-TS) 150W	4.28	1	104	0.0154
54073	EL CR Silver Body - Circular - G12	MT (JM-T) 150W	4.28	1	104	0.0154
54074	EL CR Silver Body - Circular High intensity - G12	MT (JM-T) 150W	4.28	1	104	0.0154

At page 187 and 188 it's possible to see the list of compatible lamps.

Accessories and spare parts



60110 - 60101 - 60099 - 60108
Bracket. Ideal for lighting shopwindows. Galvanized steel and coated.



60255
Steel protection grille. Galvanized steel, coated in black colour.



60256
Protection louvre. Stainless steel coated in black colour.



60257
Circular louvre. Stainless steel coated in black colour.



60270-60271-60272-60273
Wall supports, complete of floodlight fixing bracket.



60266-60267-60268-60269
Stainless louvre for asymmetric.



60253-60254-60264-60265
Stainless louvre for symmetric.



60280
Pole support for 1 floodlight Ø pole 60 mm.



60281
Pole support for 2 floodlights Ø pole 60 mm.



60282
Pole support for 3 floodlights Ø pole 60 mm.

MACH 3

CODE	DESCRIPTION	WEIGHT (KG)	COLOUR	PACKING (PCS)	VOLUME
60110	Bracket 600 mm.	2.70	White	1	
60101	Bracket 600 mm.	2.70	Silver	1	
60099	Bracket 600 mm.	2.70	Black	1	
60108	Bracket 1000 mm.	3.93	Black	1	
60255	Grille	0.16	Black	1	
60256	Louvre	0.28	Black	1	0.0013
60257	Circular louvre	0.47	Black	1	0.0018
60253	Anti-glare louvre for symmetric	0.28	Black	1	0.0018
60254	Anti-glare louvre for symmetric	0.28	Silver	1	0.0018
60264	Anti-glare louvre for symmetric	0.28	Titanium	1	0.0018
60265	Anti-glare louvre for symmetric	0.28	White	1	0.0018
60266	Anti-glare louvre for asymmetric	0.25	Black	1	0.0023
60267	Anti-glare louvre for asymmetric	0.25	Silver	1	0.0023
60268	Anti-glare louvre for asymmetric	0.25	Titanium	1	0.0023
60269	Anti-glare louvre for asymmetric	0.25	White	1	0.0023
08129	Glass	0.34			
12865	Lamp RX7s SD (SAP-TS) 150W Super				
09096	Ceramic discharge tube lamp RX7s MD 150W 3000K				
09098	Ceramic discharge tube lamp RX7s MD 150W 4200K				
07649	Ceramic discharge tube lamp G12 JM 150W 3000K				
09100	Ceramic discharge tube lamp G12 JM 150W 4200K				
WALL SUPPORTS					
60270	Complete of floodlight fixing bracket	0.92	Black		
60271	Complete of floodlight fixing bracket	0.92	Silver		
60272	Complete of floodlight fixing bracket	0.92	Titanium		
60273	Complete of floodlight fixing bracket	0.92	White		
POLE SUPPORTS					
60280	For 1 floodlight Ø pole 60 mm.	0.45	Silver		
60281	For 2 floodlights Ø pole 60 mm.	2.20	Silver		
60282	For 3 floodlights Ø pole 60 mm.	2.65	Silver		

