



disano ●
illuminazione



SPORT LIGHT EQUIPMENT



SUPERIOR



PRODUCTS FOR PROFESSIONAL APPLICATIONS

The Disano floodlights originate from a significant designing experience gained in every type of outdoor and indoor sport. Ranging from large stadiums to indoor stadiums, from golf courses to swimming pools, these products can provide efficient solutions to all the complex problems encountered in these types of project.

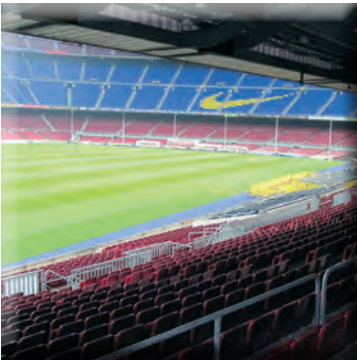
The Disano floodlights are able to comply with the demanding parameters required by the international competitions involving television broadcasts, and can blend perfectly in the case of particular environmental situations, for example, on a ski slope.

A complete range of powerful and reliable lighting fixtures for all the requirements of competitive and amateur sports activities.

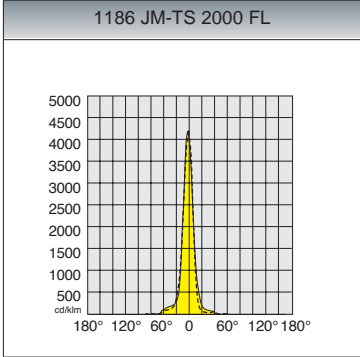
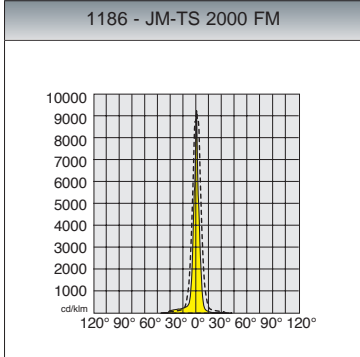
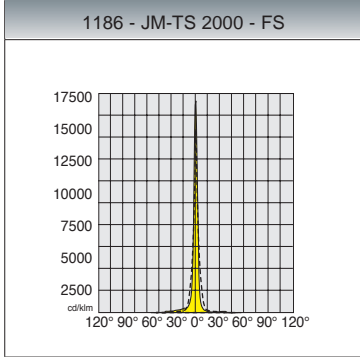
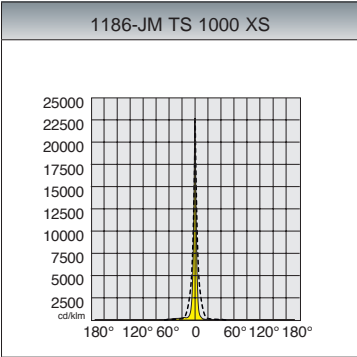


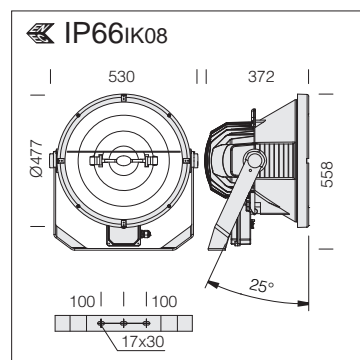
FORUM

high performance



Camp Nou - Barcelona - Spain





DESIGNED FOR HIGH OUTPUT
SHORT ARC METAL HALIDE
LAMPS

INCREASED PROJECT EFFI-
CACY THANKS TO IMPROVED
LIGHT OUTPUT

HIGH PERFORMANCE BODY
WITH EXTRA COOLING FINS

Housing/frame: die-cast aluminium
with cooling fins.

Reflector: aluminium 99.98, anodised
and polished, with light beam recover-
ing fin.

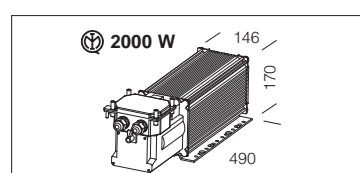
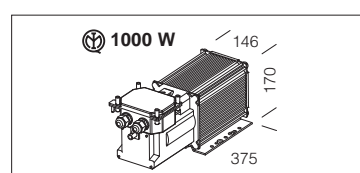
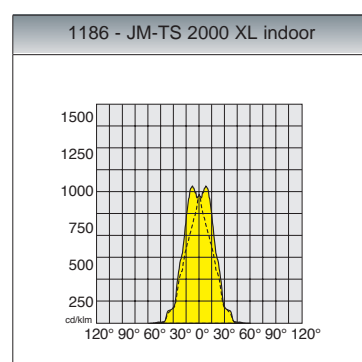
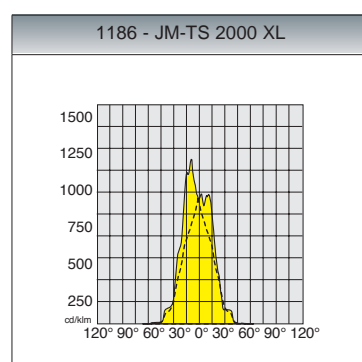
Diffuser: tempered glass 5 mm
thick, resistant to impact and thermal
shock.

Coating: graphite grey polyester
powder coating, resistant to corrosive
and saline environments.

Electric gear: wire terminated with
admiralty brass clamps, silicone insu-
lation with cross section: 1.5 sqmm
2P+T nylon terminal block (maximum
allowed lead cross-section: 6 sqmm).

Equipment: supplied with knife
switch enabling safe lamp replace-
ment. Galvanised and coated steel
bracket with protractor scale and
aiming visor. Ignitor box thermally
isolated from the housing.

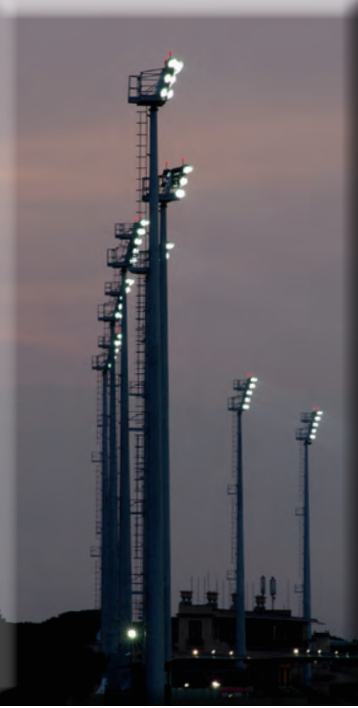
Forum lamps				JM-TM...MT G22
	Flux	K	Ra	
JM-TM 1000	110000lm	6000K	Ra 1a	
Forum lamps				MD cable
JM-TS 2000 HO-SB	220000lm	5600K	Ra 1b	
JM-TS 2000 HF	22300lm	5900K	Ra 1b	



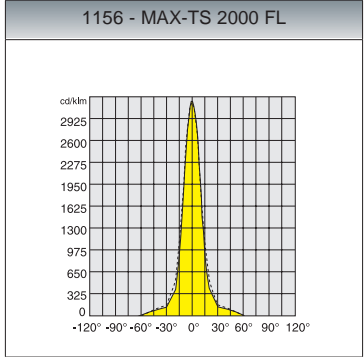
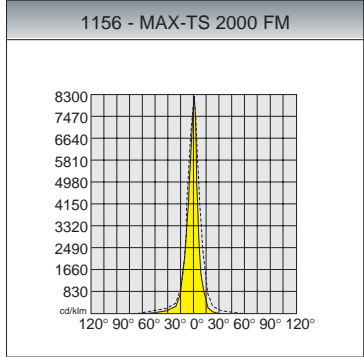
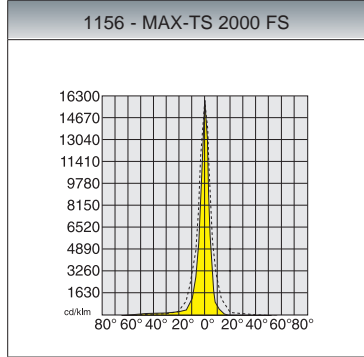
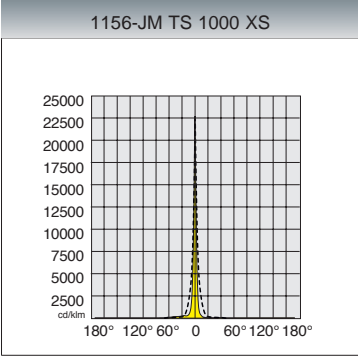
acc. 1176 wiring DC IP66
JM-TM 1000
Aluminium box. Contents: ballast and capacitor (without ignitor).

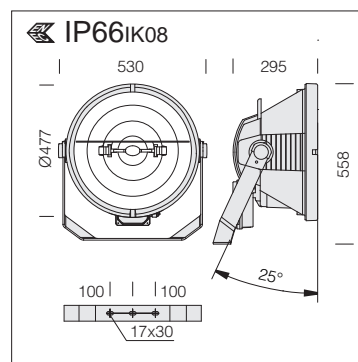
acc. 1176 wiring DC IP66
JM-TS 2000
Aluminium box. Contents: ballast and capacitor (without ignitor).

Geneva Stadium - Switzerland - 2008 UEFA European Championship



Picco Stadium - La Spezia - Italy





FOR INSTALLATION ABOVE 30 M H

CIRCULAR SYMMETRIC OPTIC WITH GLARE CONTROL ELEMENT

FOR SHORT ARC METAL HALIDE LAMPS

Housing/frame: die-cast aluminium with cooling fins.

Reflector: aluminium 99.98, anodised and polished, with light beam recovering fin.

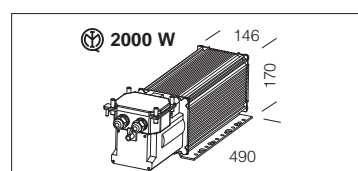
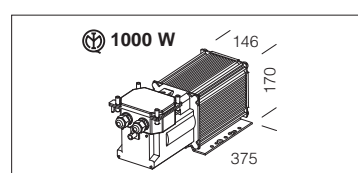
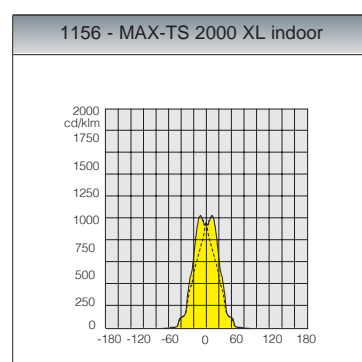
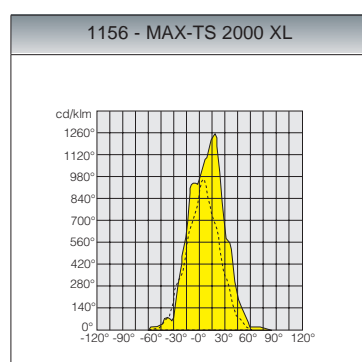
Diffuser: tempered glass 5 mm thick, resistant to impact and thermal shock.

Coating: graphite grey polyester powder coating, resistant to corrosive and saline environments.

Electric gear: wire terminated with admiralty brass clamps, silicone insulation with, cross section: 1.5 sqmm 2P+T nylon terminal block (maximum allowed lead cross-section: 6 sqmm).

Equipment: supplied with knife switch enabling safe lamp replacement. Steel bracket with protractor scale and aiming visor. Retained steel screws with special anticorrosion and anti-gripping treatment. Igniter box thermally isolated from the housing. With gasket made of silicone platinum material.

Forum lamps			
	Flux	K	Ra
JM-TS 1000 230V	90000lm	5900K	Ra 1a
JM-TS 2000 400V	200000lm	5900K	Ra 1a



acc. 1176 wiring DC IP66
JM-TS
Aluminium box. Contents: ballast and capacitor (without ignitor).

acc. 1176 wiring DC IP66
JM-TS 2000
Aluminium box. Contents: ballast and capacitor (without ignitor).

FORUM

hot restrike



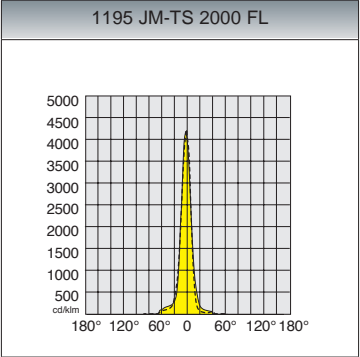
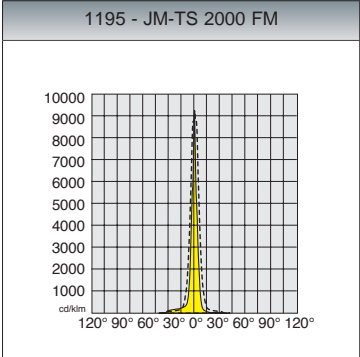
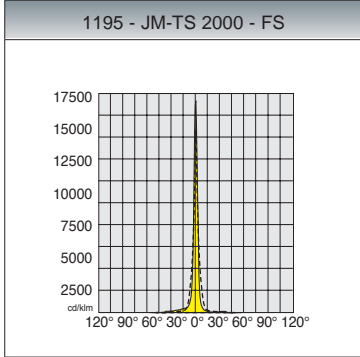
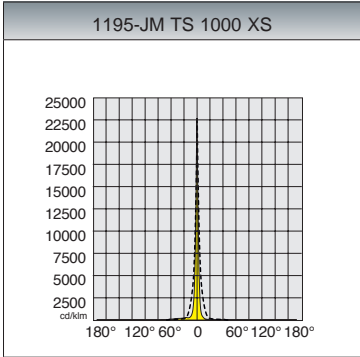
SRC Bonifika, Koper - Slovenia

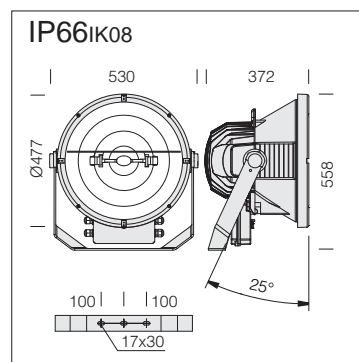


Kaunas Arena - Lithuania - 2011 FIBA European Championship, final game



Milan Gale Muskatirovic, Belgrade - Serbia





QUICK HOT RESTRIKE WITH MICRO PROCESSOR CONTROLLED IGNITOR

AUTOMATIC DETECTION OF CONNECTED LAMP WITH RELATIVE START UP LOAD CONTROL

SYMMETRIC STARTER WITH AUTOMATIC DISCONNECTION IN CASE OF EXHAUST LAMP, TO PRESERVE LUMINAIRE COMPONENTS

COMPLETE WITH BALLAST UNIT

Housing/frame: die-cast aluminium with cooling fins.

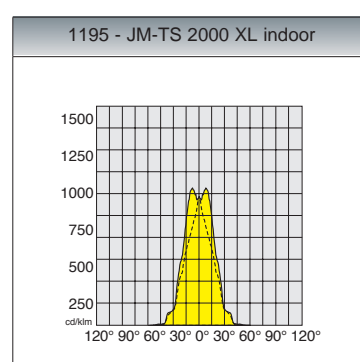
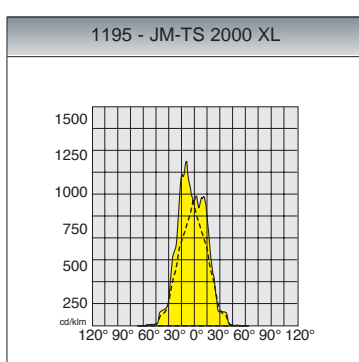
Reflector: aluminium 99.98, anodised and polished, with light beam recovering fin.

Diffuser: tempered glass 5 mm thick, resistant to impact and thermal shock.

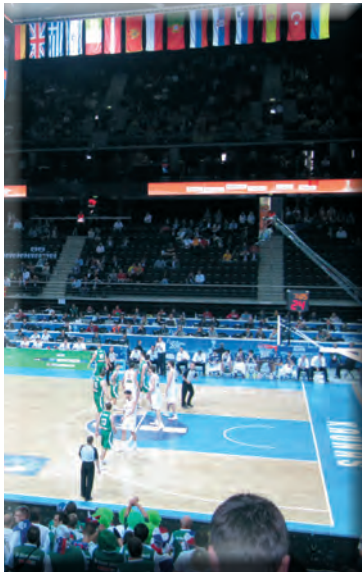
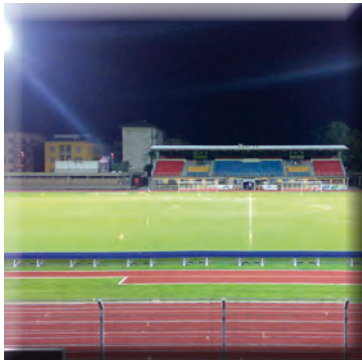
Coating: graphite grey polyester powder coating, resistant to corrosive and saline environments.

Electric gear: wire terminated with admiralty brass clamps, silicone insulation with, cross section: 1.5 sqmm 2P+T nylon terminal block (maximum allowed lead cross-section: 6 sqmm).

Equipment: supplied with knife switch enabling safe lamp replacement. Steel bracket with protractor scale and aiming visor. Retained steel screws with special anticorrosion and anti-gripping treatment. Igniter box thermally isolated from the housing. With gasket made of silicone platinum material.



Forum lamps			
	Flux	K	Ra
JM-TS 1000	90000lm	5900K	Ra 1a
JM-TS 2000	200000lm	5900K	Ra 1a
Forum lamps			
	Flux	K	Ra
JM-TS 2000 HO-SB	220000lm	5600K	Ra 1b





References

Forum/Forum HP

Bellinzona Stadium
Switzerland

Forvalovy Klub Banik Stadium
Most - Czech Republic

Arena Kaunas, Lithuania
2011 FIBA Basketball champion-
ship

Ulan Ude Stadium - Russia

Vitebsk Central Sport Complex
Minsk - Belarus

Romeo Menti Stadium
Vicenza - Italy

Silvio Piola Stadium
Novara - Italy

Aleppo International Stadium
Aleppo - Syria

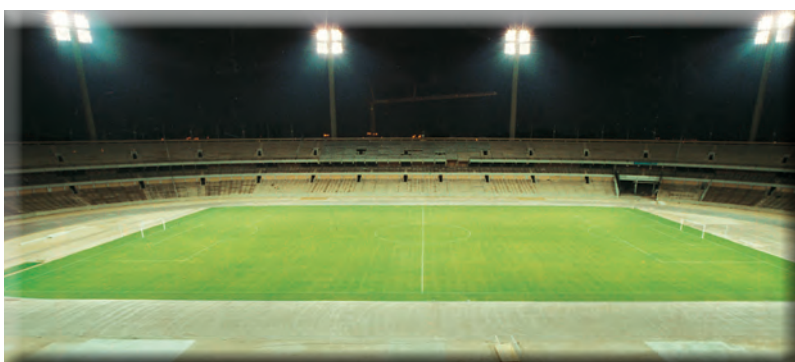
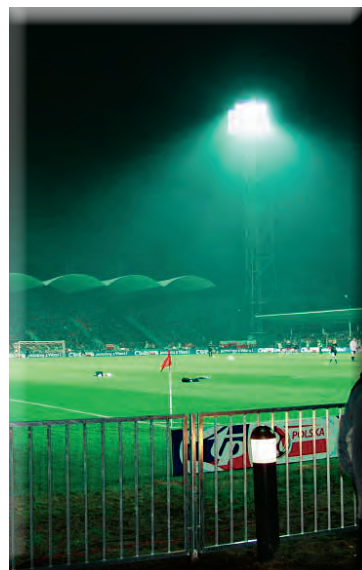
"Le Capannelle" horse race
track, Rome - Italy

Tripoli Arena Stadium
Libya

Football Stadium Kszo
Ostrowiec - Poland

Olimpic Stadium - Stockholm -
Sweden

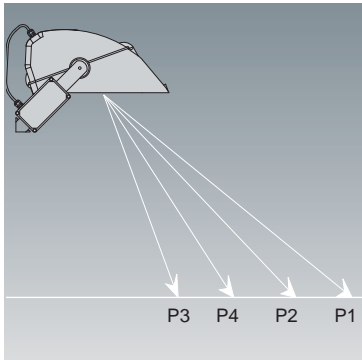
Craven Park Stadium
Kingston upon Hull - England



OLYMPIC



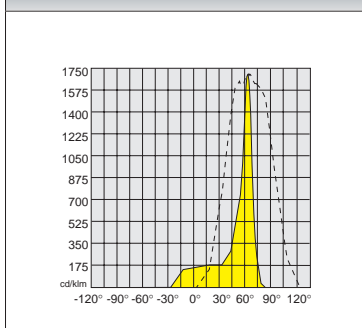
PalaPanini, Modena - Italy - Volleyball World Championship



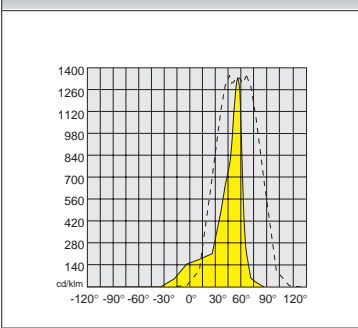
Olympic - Flexibility
Different lamp directions enable different asymmetric angles, without tilting the floodlights.
The lampholder Olympic can be adjusted in 4 different positions to obtain different light distribution curves.



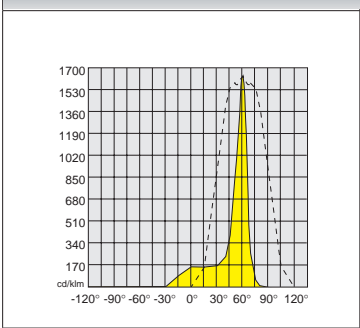
Position 1: Asymmetry 64° - Output 78.8%



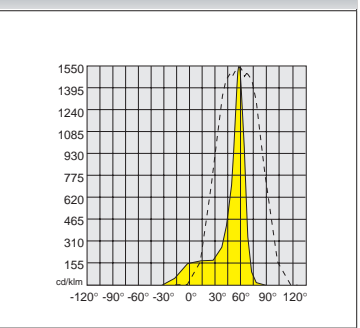
Position 2: Asymmetry 61° - Output 75.3%

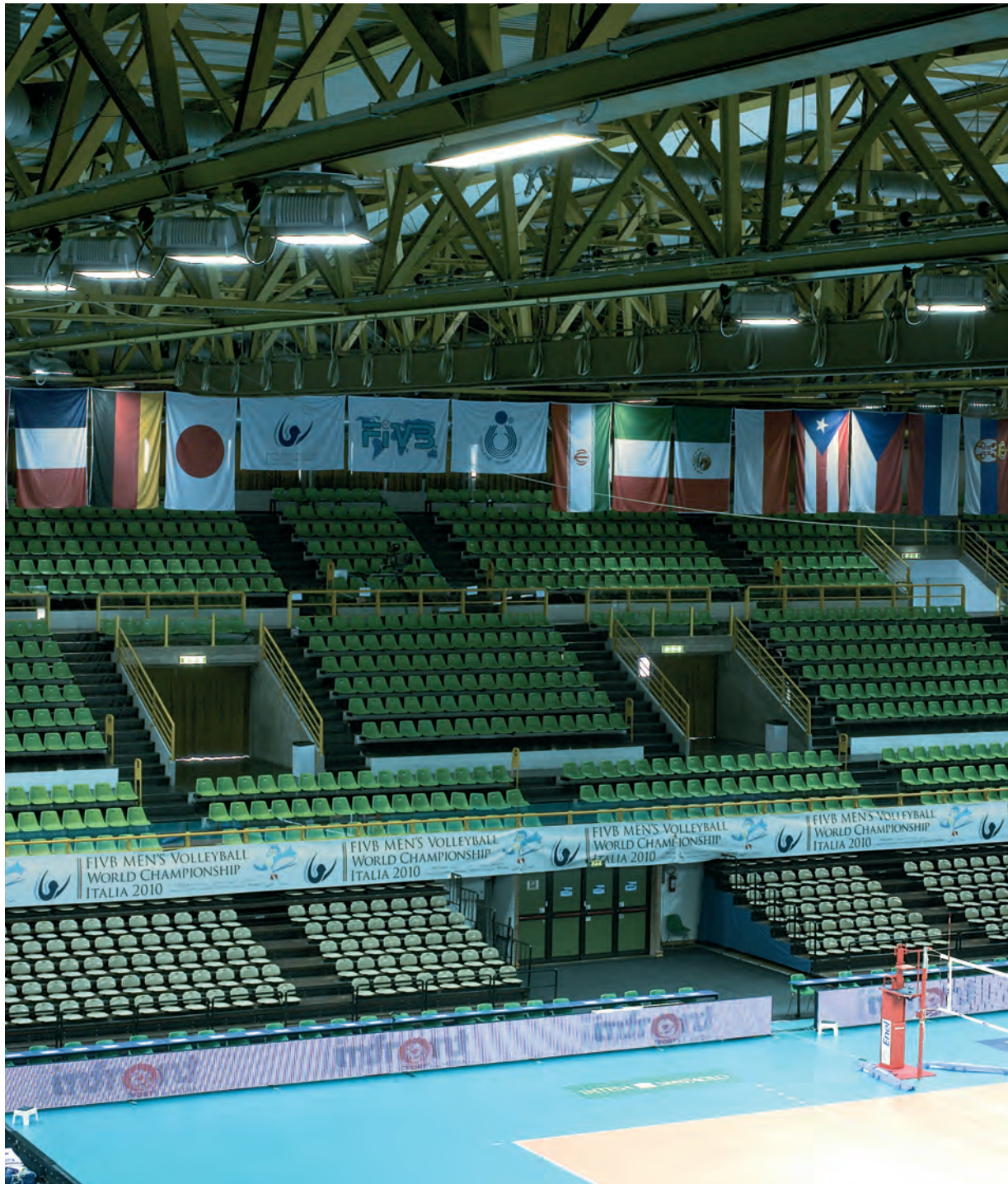
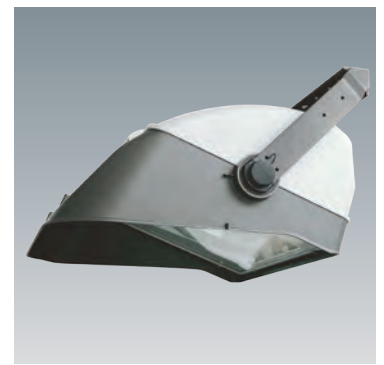
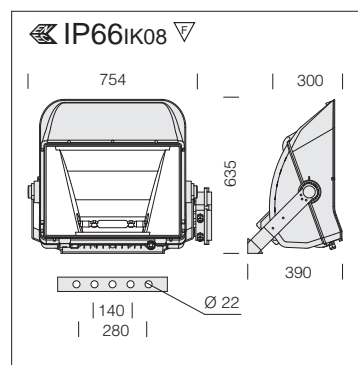


Position 3: Asymmetry 57° - Output 77.7%



Position 4: Asymmetry 58° - Output 75.7%





HIGH OPTICAL EFFICIENCY AND GLARE CONTROL

4 ASYMMETRIC BEAMS THANKS TO ADJUSTABLE LAMP FOCUS

UP TO 2 KW METAL HALIDE LAMPS

Housing: die-cast aluminium EN AB 46100.

Cover: die-cast aluminium EN AB 46100 with cooling fins. Rear lamp housing access. Hinge opening with stainless steel latches.

Reflector: asymmetric, in polished aluminium, anodically oxidized and polished, with flux recovery. Allows 4 different photometric distributions.

Diffuser: tempered glass, 5mm thick, thermal shock and impact resistant (UNI EN 121 50-1:2001 tests). 20° tilt glass angle for high asymmetric louver efficiency and excellent output.

Coating: polyester-resin powder coating, resistant to corrosion and saline environments.

Lampholder: adjustable in 4 different positions that allow changing photometric distribution based on the type of installation.

Electric gear: 230V/50Hz (1000W) or 400V (2000W) power supply. Hard wire terminated with quick connection admiralty brass clamps, PTFE section 1.5 mm². 2P+T terminal block, maximum allowed lead cross section 6 mm².

Standard supply: tool-free maintenance. A knife switch cuts the power supply during maintenance operations.

Equipment: silicone rubber gasket. Nylon cable gland, ½ Gas thread. Galvanized steel bracket with protractor scale. Stainless steel screws. Air circulation valve.

Long arc lamp

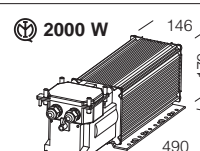
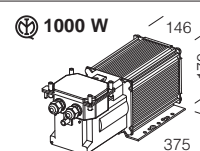
JM-TS/LA...MD
cable

	Flux	K	Ra
JM-TS 1000 230V	90000lm	5600K	90
JM-TS 2000 400V	190000lm	5600K	90
JM-TS 2000 400V	230000lm	4200K	65

E 40 Lamps

JM-T...MT
E40

	Flux	K	Ra
JM-T 1000	90000lm	4400K	1b



acc. 1176 wiring DC IP66 JM-T/TS 1000

Aluminium box. Contents: ballast and capacitor (without ignitor).

acc. 1176 wiring DC IP66 JM-TS 2000

Aluminium box. Contents: ballast and capacitor (without ignitor).

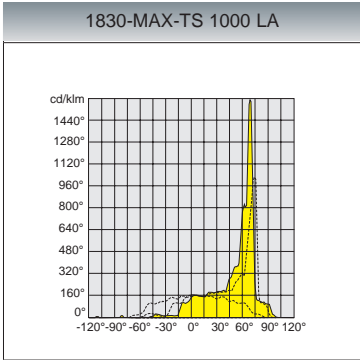
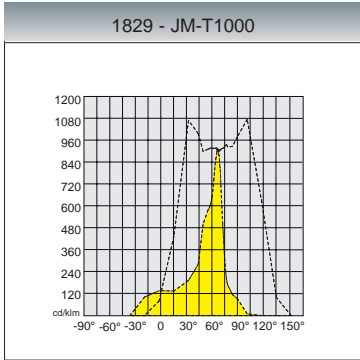
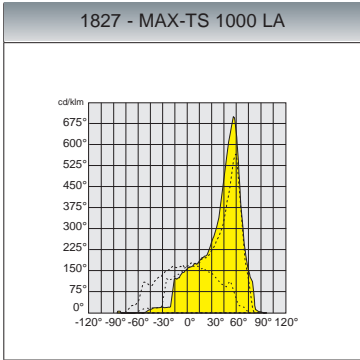
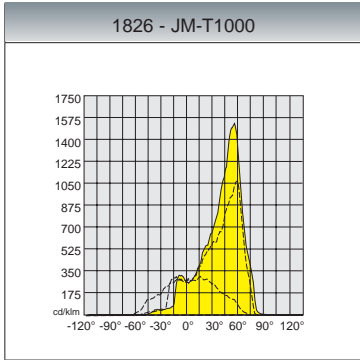
MINI-OLYMPIC

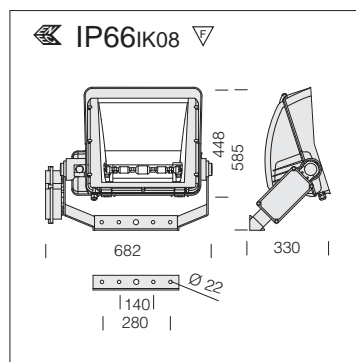
asymmetric narrow beam
asymmetric wide beam

Golf & Country Club, Zagreb - Croatia



Battaglini Stadium, Rovigo - Italy





Skiing World Championships 2010 - Cortina d'Ampezzo - Belluno - Italy



HIGH OPTICAL EFFICIENCY AND GLARE CONTROL

2 ASYMMETRIC BEAMS

UP TO 1 KW METAL HALIDE LAMPS, ALSO INTEGRATED

LAMP OPTION FOR MODERATE OR HIGH CRI (AMATEUR OR CTV BROADCASTING)

Housing/cover: in die-cast aluminium with cooling fins. Hinge opening, stainless steel sealing latches.

Reflector: asymmetric, in hammered aluminium, anodically oxidized and polished with 53° tilt angle.

Diffuser: tempered glass, 5 mm thick, resistant to thermal shocks and impacts (UNI EN 12150-1:2001 tests). Glass tilted by 18° to obtain excellent asymmetric efficiency and intensity.

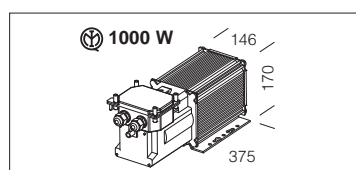
Coating: polyester based resin powder, resistant to corrosion and saline environments.

Standard supply: tool-free maintenance operations. Knife switch to cut off the power supply during maintenance.

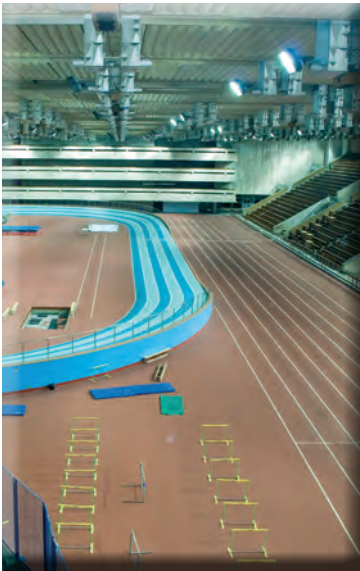
Equipment: silicone rubber gasket. 1/2 Gas nylon cable gland. Galvanized steel bracket coated with protractor. Air recycle valve.

Short arc lamps			
	Flux	K	Ra
JM-TS 1000 230V	90000lm	5900K	Ra 1a
JM-TS 2000 400V	200000lm	5900K	Ra 1a
JM-TS 2000 400V	220000lm	5900K	Ra 1a

E 40 Lamps			
	Flux	K	Ra
JM-T 400	90000lm	4400K	1b
JM-T 1000	90000lm	4400K	1b
SAP-T 400	48000lm	2000K	4
SAP-T 600	90000lm	2000K	4
SAP-T 1000	130000lm	2000K	4



acc. 1176 wiring DC IP66
JM-T/TS SAP-T 1000
Aluminium box. Contents: ballast and capacitor (without ignitor).





References
Olympic / Mini-Olympic



Arena Bilbao - Spain

BL Group - Russia

Pala Sojourner - Rieti - Italy

Dvorana Zatika - Porec - Croatia

Le Phare - Chambéry - France

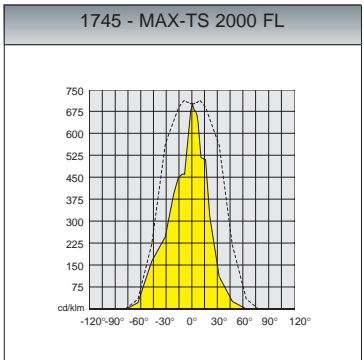
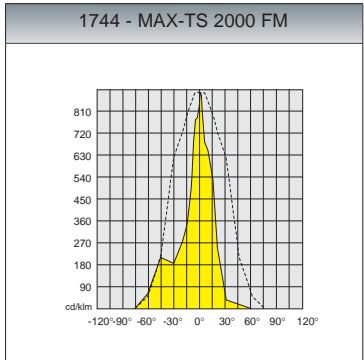
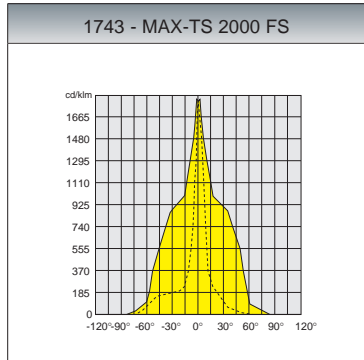
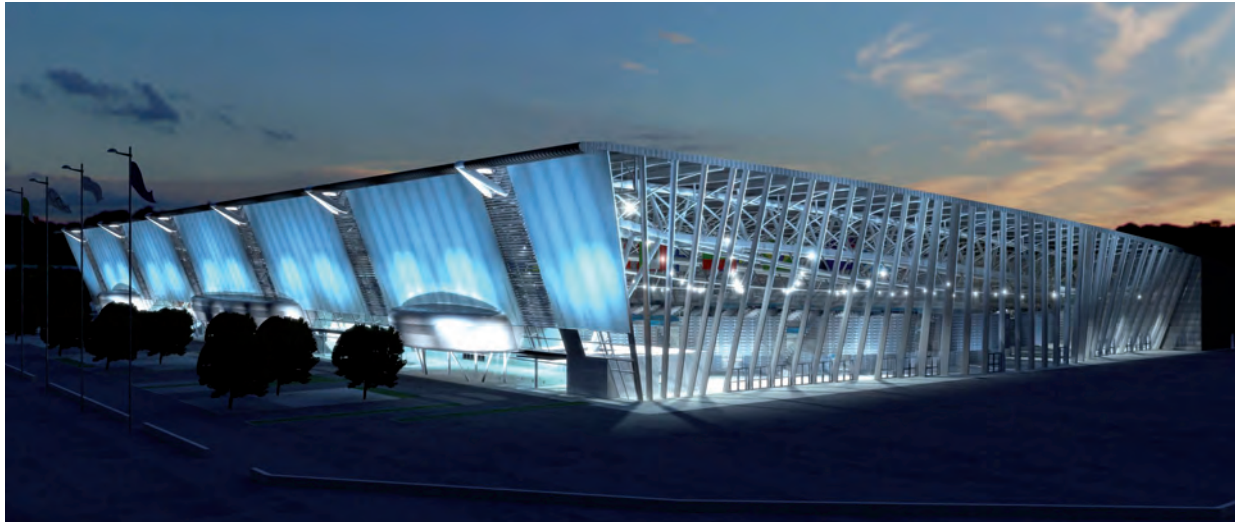


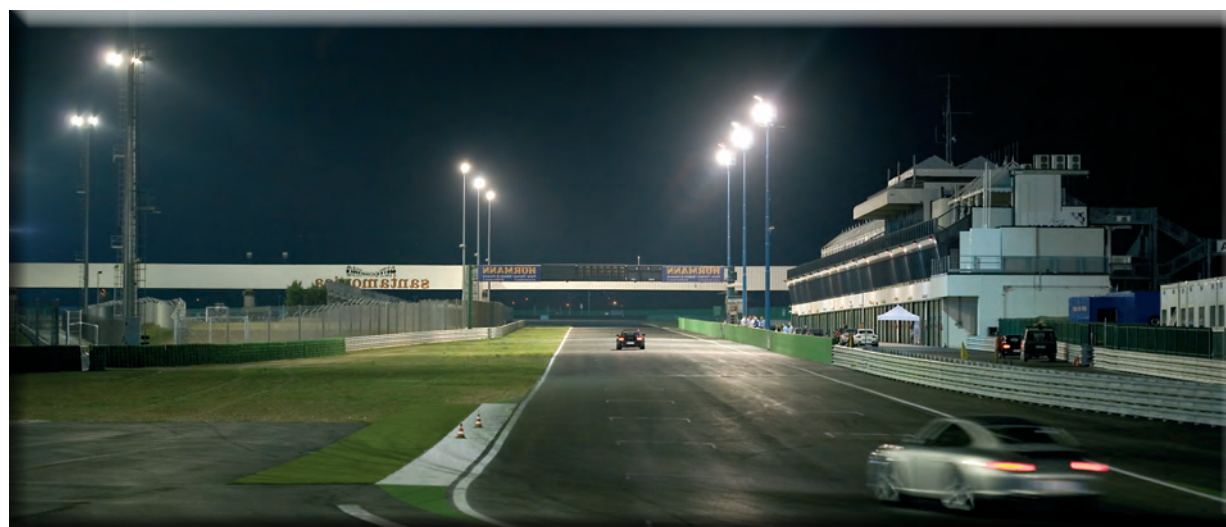
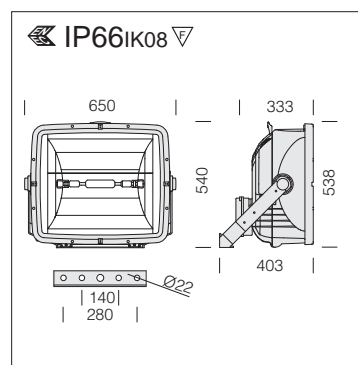
Kaliningrad sports arena - Russia

Sports arena - Ragusa - Italy

AREA symmetric

Palaoval, Turin - Italy - Winter Olympic games 2006





International Circuit - Misano Adriatica, Rimini - Italy



Navarra Circuit - Auto GP - Los Arcos, Pamplona - Spain



HIGH OPTICAL EFFICIENCY

3 SYMMETRIC BEAMS

UP TO 2 KW METAL HALIDE LAMPS, HORIZONTAL POSITION

Housing/frame: die-cast aluminium (ENAB 46-100) with cooling fins.

Reflector: polished 99.85 aluminium, anodised and polished, with light beam recovering fin.


Diffuser: 5 mm tempered glass, resistant to impact and thermal shock (UNI 12150-1: 2001 tests).

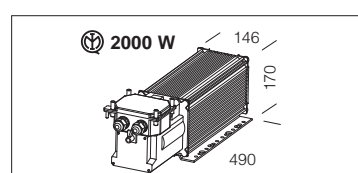
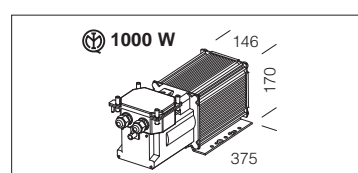
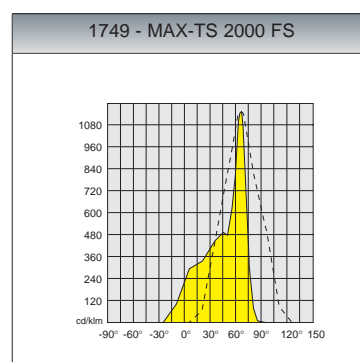
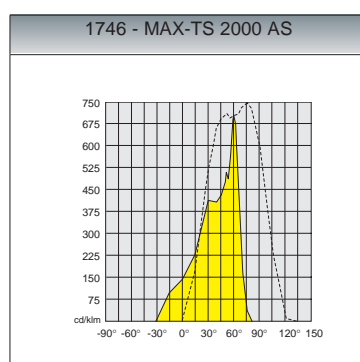
Coating: with silver or graphite grey polyester powder, resistant to corrosive and saline environments.

Electric gear: power supply 400V (2000W) and 230V (1000W). Wire terminated with admiralty brass clamps, PTFE insulation section 1.5 mm². 2P+T nylon terminal block (maximum allowed lead cross-section: 6 sqmm).

Standard features: it is possible to perform maintenance without using tools through the hinged opening at the rear of the fixture. Equipped with an air-circulation valve.

Equipment: fibreglass nylon cable gland, Ø 1/2" gas. Supplied with knife switch enabling safe lamp replacement. Steel bracket with protractor scale and aiming visor. Retained steel screws with special anticorrosion and anti-gripping treatment.

Long arc lamps LA 			
	Flux	K	Ra
JM-TS 1000 230V	90000	5600K	90
JM-TS 2000 400V	190000	5600K	90
JM-TS 2000 400V	230000	4200K	65

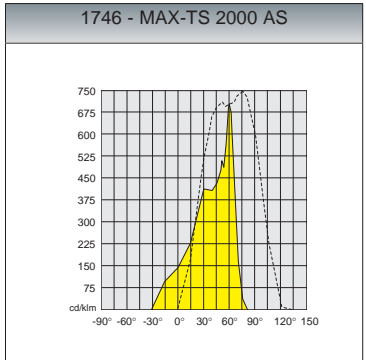


acc. 1176 wiring DC IP66
JM-TS 1000
Aluminium box. Contents: ballast and capacitor (without ignitor).

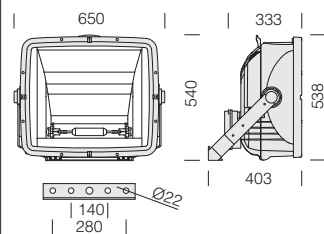
acc. 1176 wiring DC IP66
JM-TS 2000
Aluminium box. Contents: ballast and capacitor (without ignitor).

AREA asymmetric

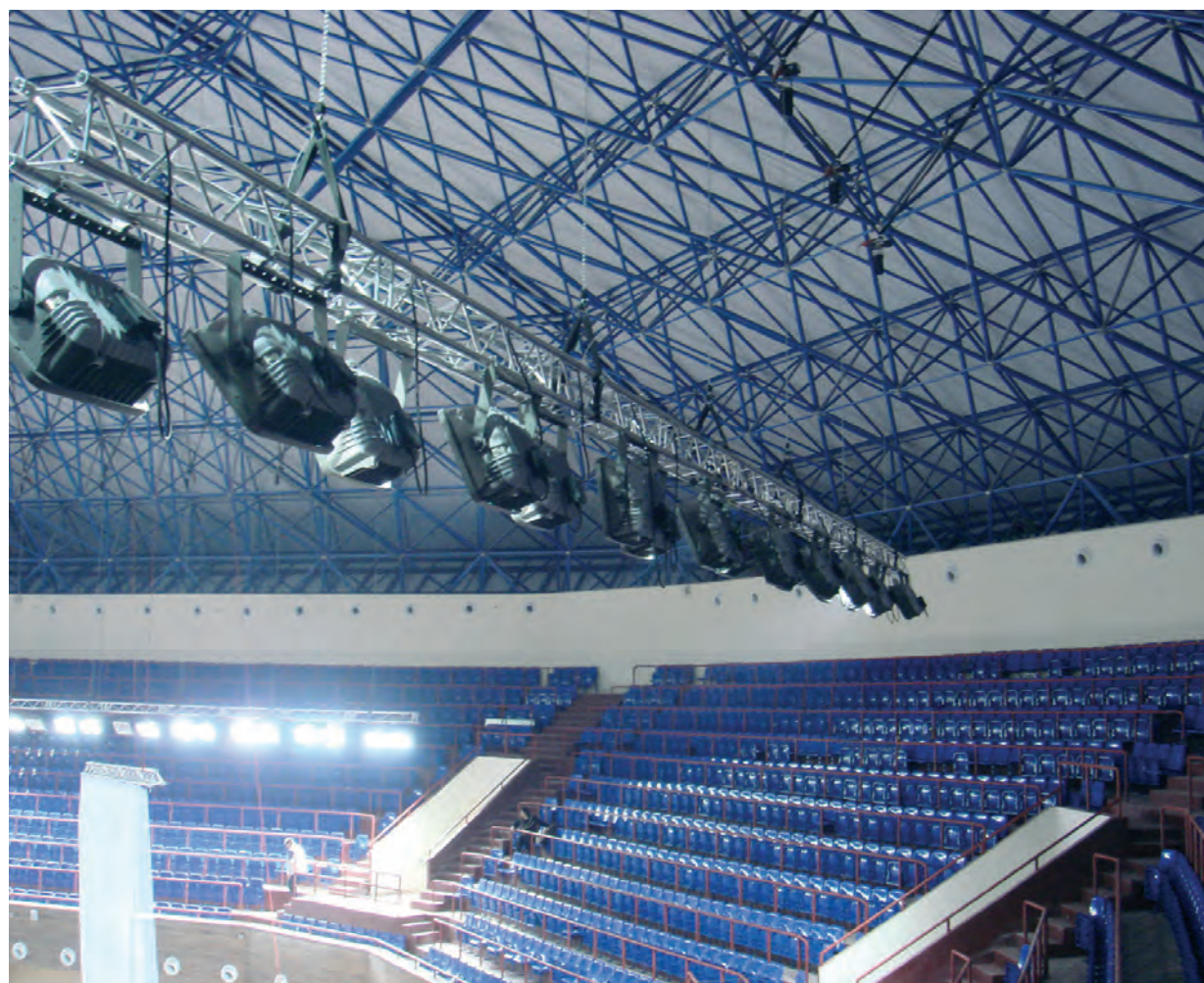
Curling Club Sporting in Pinerolo, Turin - Italy - Winter olympic games 2006



IP66IK08



Kaliningrad - Russia



GOOD OPTICAL EFFICIENCY

2 ASYMMETRIC BEAMS

UP TO 2 KW METAL HALIDE LAMPS, HORIZONTAL POSITION

Housing/frame: die-cast aluminium (ENAB 46-100) with cooling fins.

Reflector: asymmetric polished 99.85 aluminium, anodised and polished, with light beam recovering fin. The asymmetric version emits a 60° light flux.

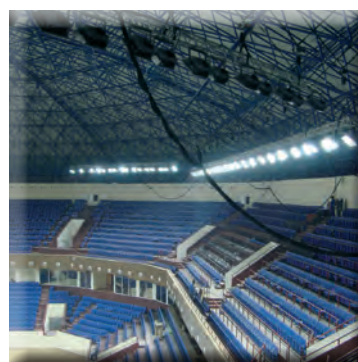
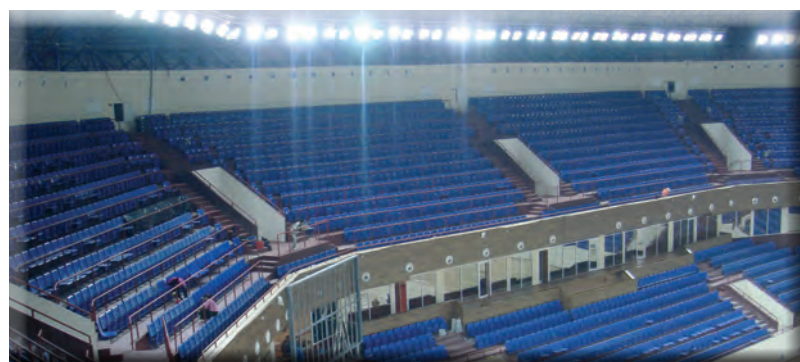
Diffuser: 5 mm tempered glass, resistant to impact and thermal shock (UNI 12150-1: 2001 tests).

Coating: with silver or graphite grey polyester powder, resistant to corrosive and saline environments.

Electric gear: power supply 400V (2000W) e 230V (1000W). Wire terminated with admiralty brass clamps, PTFE insulation section 1.5 mm². 2P+T nylon terminal block (maximum allowed lead cross-section: 6 sqmm).

Standard features: it is possible to perform maintenance without using tools through the hinged opening at the rear of the fixture. Equipped with an air-circulation valve.

Equipment: fibreglass nylon cable gland, Ø 1/2" gas. Supplied with knife switch enabling safe lamp replacement. Steel bracket with protractor scale and aiming visor.



Long arc lamps LA

JM-TS/LA-...MD
cable

	flux	K	Ra
JM-TS 1000 230V	90000	5600K	90
JM-TS 2000 400V	190000	5600K	90
JM-TS 2000 400V	230000	4200K	65

acc. 1176 wiring DC IP66

JM-TS/SAP-T 1000

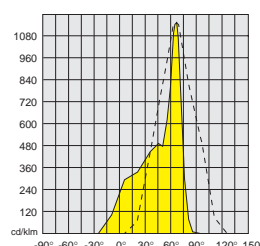
Aluminium box. Contents: ballast and capacitor (without ignitor).

acc. 1176 wiring DC IP66

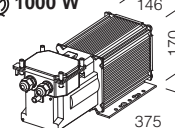
JM-TS 2000

Aluminium box. Contents: ballast and capacitor (without ignitor).

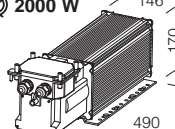
1749 - MAX-TS 2000 FS

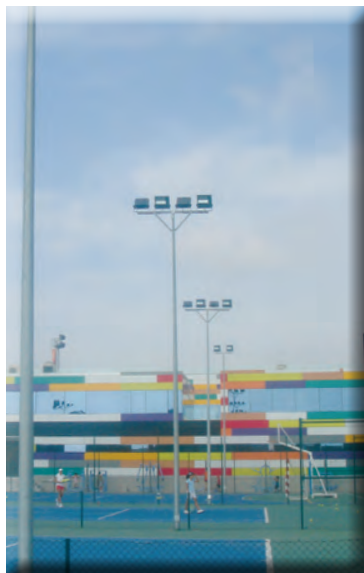


1000 W



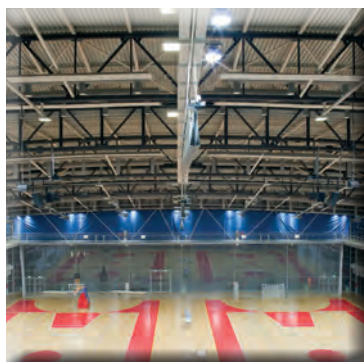
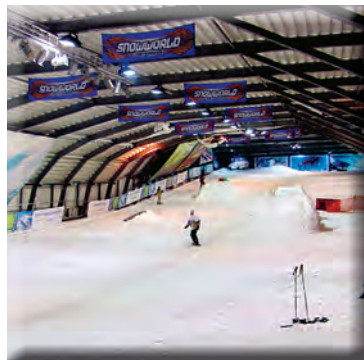
2000 W







References



- Stadio Piola, Novara - Italy
- Tennis Club A. Bonacossa Milan - Italy
- Swimming Pool Arezzo - Italy
- Baseball field Gavagnin di Montorio Veronese Verona - Italy
- Alicante multisports centre Spain
- Swimming Stadium - Hanoi - Vietnam
- Olympic Village - Olympics 2004 - Athens - Greece
- Multi-purpose sports facility Handball Championship Porec - Croatia
- PalaPanini, Modena - Italy - Volleyball World Championship
- Ski Track at Biellmonte Biella - Italy
- Golf Course Beijing - People's Republic of China
- Val di Fiemme Ski Tracks Trento - Italy
- Adele Golf & Country Club People's Republic of China
- Le Phare, Chambéry - France
- Basket Bilbao, Portugal
- Indoor Ski Slope Zoetermeer - The Netherlands
- Golf Course Canton - People's Republic of China
- CITIC Chang Ping Golf Course Changping - People's Republic of China
- Multi-purpose sports facility Handball Championship Porec - Croatia
- Winter sports arena Belarus

MAKING A PROJECT REAL





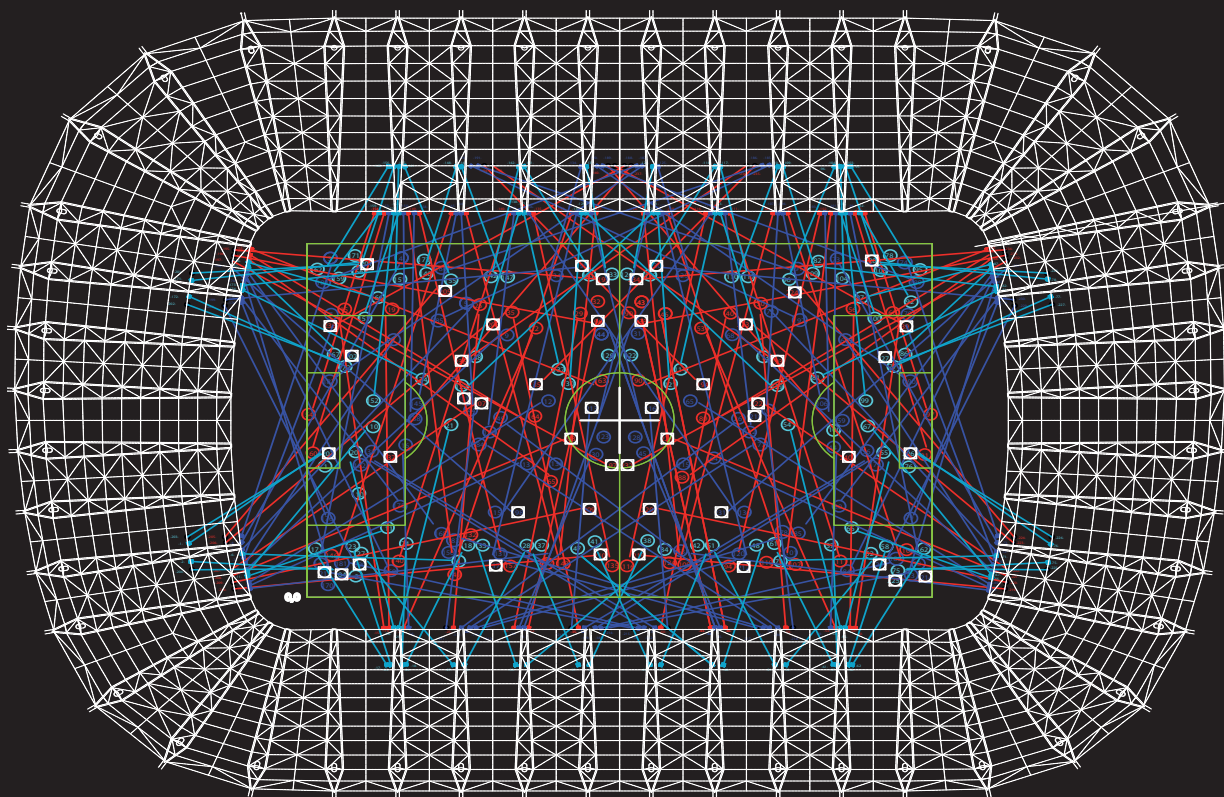
The Disano professional sport lighting range is designed taking in consideration the practical needs of the installation and commissioning procedures.

Mounting elements, accessories, cable entries and many small but important details benefit from the long experience of Disano technical team assisting customers in every corner of the world in commissioning and testing high end sport installations.

Every lighting project made with Disano proprietary lighting software produce specific layout schemes that reduce complexity and make the installation and aiming procedures fully clear, as a concrete support to our customers.

Optical instruments are available by Disano to realize a perfect aiming of symmetrical floodlights.

The Disano team has obtained the sport authority certifications for all the projects shown in this publication.



LAMPS

Short arc lamps and optics

Short arc lamps offer the highest intensity performances, for the situations where high levels of illumination are needed. In these installations performances and beam control are needed in order to optimize all the lighting project parameters including glare control with a minimum waste of energy and light pollution. Short arc lamps are suitable for the 6 optical beams of Forum floodlights. All short arc lamps used by Disano are suitable for CTV broadcasting, the different code represents a different manufacturer, light output and colour may differ from manufacturer.

FORUM HIGH PERFORMANCE - HOT RESTRIKE						
Lamp type	P	FLUX lm	Colour T	Ra	CTV	Lifespan*
JM TS 2000 - 400 V HO-SB	2000	220.000	5500 K	1b	Y	4500 h
JM TS 2000 - 400 V HF **	2000	223.000	6000 K	1a	Y	4000 h
** requires a dedicated ballast						

FORUM - HOT RESTRIKE						
Lamp type	P	FLUX lm	Colour T	Ra	CTV	Lifespan*
JM TS 1000 - 230 V	1000	90.000	5900 K	1a	Y	6000 h
JM TS 2000 - 400 V	2000	200.000	5900 K	1a	Y	4000 h

OLYMPIC SA/ MINI OLYMPIC SA (1 KW)						
Lamp type	P	FLUX lm	T couleur	Ra	CTV	Lifespan*
JM TS 1000 - 230 V	1000	90.000	5900 K	1a	Y	6000 h
JM TS 2000 - 400 V	2000	200.000	5900 K	1a	Y	4000 h

* As indicated by lamp manufacturer and referring to specific measuring standards. Data subject to change as per lamp manufacturer indication.

Long arc lamps and optics

Long arc lamps are designed to operate in horizontal symmetrical or asymmetrical optics, offering a wide choice of neutral and cool white tones and high or moderate colour rendering index. The highest T couleur temperature types are suitable for integration in the same project where short arc lamps are used, by offering an homogeneous colour and a suitable colour index for CTV broadcasting. The versions with neutral colour and lower CRI are most suitable for amateur level or where CTV is not requested.

AREA / OLYMPIC / MINI OLYMPIC (1 KW)						
Lamp type	P	FLUX lm	Colour T	Ra	CTV	Lifespan*
JM TS 1000 LA - 230 V	1000	90.000	5600 K	1a	Y	15.000 h
JM TS 2000 LA - 400 V	2000	190.000	5600 K	1a	Y	13.000 h
JM TS 2000 LA - 400 V /49	2000	230.000	4200 K	2b	N	8.000 h

* As indicated by lamp manufacturer and referring to specific measuring standards. Data subject to change as per lamp manufacturer indication.

Edison base (E40) lamps

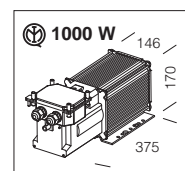
Edison base lamps are the classical types designed to operate in traditional optics and available in a variety of types, performances and manufacturers. The Disano range is still used for the amateur or semi professional segment, and for tennis or other situations where the HP sodium is an option.

MINI OLYMPIC / AREA (HPS) / OLYMPIC (1 KW)					
Type de lampe	P	FLUX lm	T couleur	Ra	CTV
JM T 400	400	42.500	3800 K	2b	N
JM T 1000	1000	90.000	4400 K	1b	Y
SAPT 400	400	48.000	2000 K	4	N
SAPT 600	600	90.000	2000 K	4	N
SAPT 1000	1000	130.000	2000 K	4	N

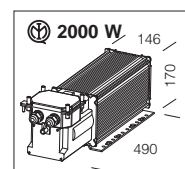
ACCESSORIES

FORUM

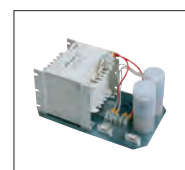
art: 1156/1186/1195



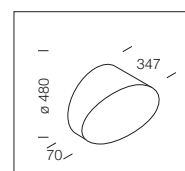
acc. 1176
wiring DC IP66
JM-T/TS
SAP-T/TS 1000
Aluminium box.
Contents: ballast
and capacitor
(without ignitor).



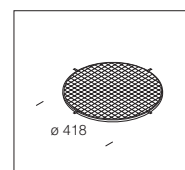
acc. 1176
wiring DC IP66
JM-TS 2000
Aluminium box.
Contents: ballast
and capacitor
(without ignitor).



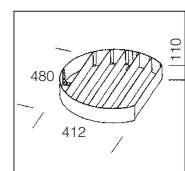
acc. 1177
gear tray
JM-TS 1000
JM-TS 2000
Steel gear tray
only, no box.
Contents: ballast
and capacitor.



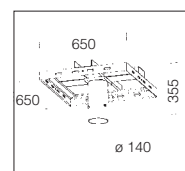
acc. 112
conveyor
Used for con-
veying the light
beam in a single
direction. Can
be installed with
acc. 111



acc. 111
protective
guard
Plastic-coated
steel rod. For pro-
tection against
impact. Can be
installed with acc.
112.



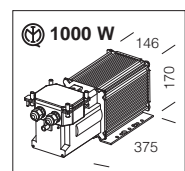
acc. 113
baffle louvre
Made of steel.
To reduce glare
and improve light
control.



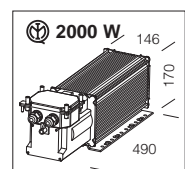
acc. 163
pole mount
To be used to
install up to 4
floodlights on
steel poles.

OLYMPIC

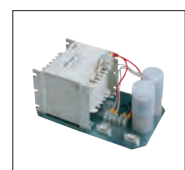
art: 1808/1809



acc. 1176
wiring DC IP66
JM-T/TS
SAP-T/TS 1000
Aluminium box.
Contents: ballast
and capacitor
(without ignitor).



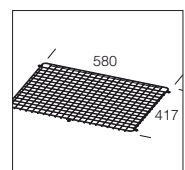
acc. 1176
wiring DC IP66
JM-TS 2000
Aluminium box.
Contents: ballast
and capacitor
(without ignitor).



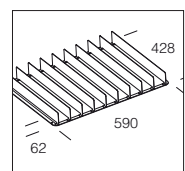
acc. 1177
gear tray
JM-TS 1000
JM-TS 2000
Steel gear tray
only, no box.
Contents: ballast
and capacitor.



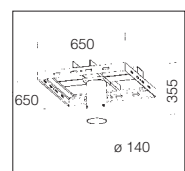
acc. 112
conveyor
Used for con-
veying the light
beam in a single
direction. Can
be installed with
acc. 111



acc. 478
protection
guard
Plastic-coated
steel rod. For pro-
tection against
impact.



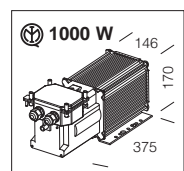
acc. 480
louvre
Made of steel.
To reduce glare
and improve
light control.



acc. 163
pole mount
To be used to
install up to 4
floodlights on
steel poles.

MINI-OLYMPIC

art: 1826/27/28/29/30/31



acc. 1176
wiring DC IP66
JM-T/TS
SAP-T/TS 1000
Aluminium box.
Contents: ballast
and capacitor
(without ignitor).



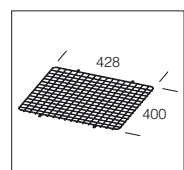
acc. 1176
wiring DC IP66
JM-TS 2000
Aluminium box.
Contents: ballast
and capacitor
(without ignitor).



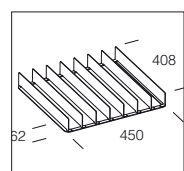
acc. 1177
gear tray
JM-TS 1000
JM-TS 2000
Steel gear tray
only, no box.
Contents: ballast
and capacitor.



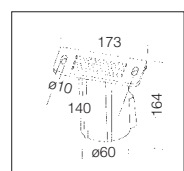
acc. 112
conveyor
Used for con-
veying the light
beam in a single
direction. Can
be installed with
acc. 111



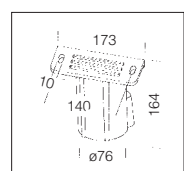
acc. 475
protection
guard
Stainless steel
rod for impact-
proof protection.



acc. 476
louvre
Made from steel.
To reduce glare
and direct the
light beam
more accurately.



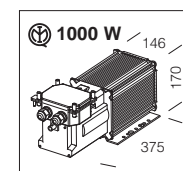
acc. 333
pole attach. ø60
Made of alumi-
nium. To be used
to apply the fixtu-
re on a ø 60 pole.



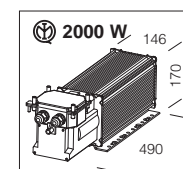
acc. 334
pole attach. ø76
Made of alumi-
nium. To be used
to apply the fixtu-
re on a ø 76 pole.

AREA

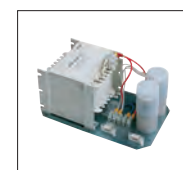
art: 1743/44/45/46/49



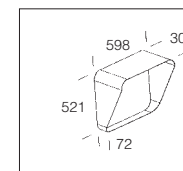
acc. 1176
wiring DC IP66
JM-T/TS
SAP-T/TS 1000
Aluminium box.
Contents: ballast
and capacitor
(without ignitor).



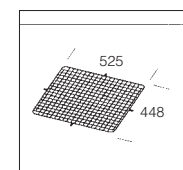
acc. 1176
wiring DC IP66
JM-TS 2000
Aluminium box.
Contents: ballast
and capacitor
(without ignitor).



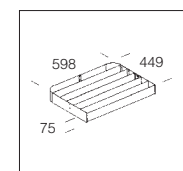
acc. 1177
gear tray
JM-TS 1000
JM-TS 2000
Steel gear tray
only, no box.
Contents: ballast
and capacitor.



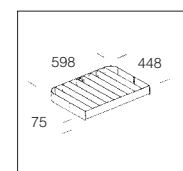
acc. 317
conveyor
Made of steel.
Used to direct
the light beam in
one direction.



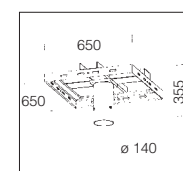
acc. 316
protection
guard
Made from steel
rods. For pro-
tection against
impact.



acc. 318
baffle louvre
Made of steel.
To reduce glare
and improve light
control.



acc. 345
tilted bracket
To be used to
install Area on
platforms with
glass parallel to
the ground.



acc. 163
pole mount
To be used to
install up to 4 flo-
odlights on steel
poles.



Disano Illuminazione S.p.A.

Viale Lombardia, 129

20089 Rozzano - Milano

Italy

Tel.: +39 02.82.47.71

Fax: +39 02.82.52.355

www.disano.it

