

FLOODLIGHTS & SEARCHLIGHTS

IFL 50

IMAX MADE IN HOLLAND
FLOODLIGHTS

IP67


TECHNICAL SPECIFICATIONS

Ambient temperature	-40°C To +65°C
Voltage	100-305V
Frequency	50-60Hz
Driver type	High Frequency - Auto Recovery
Power Consumption	55W
System Lumen	6.900
Led Color	5000K, CRI>70
Lifetime	72.000Hr
Number of Drivers	1
Number of Led Modules	1
Mounting Bracket	Stainless Steel
Housing	Marine Grade Aluminum (Optional Different Colours)
Optional	24Vdc

BEAM IFL50

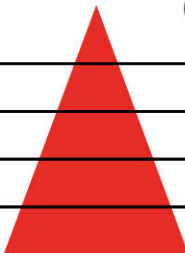
IFL50-SB | 21°

	0 ILLUMINANCE (LUX)	BEAM DIAMETER (meters)
4m	<u>1388</u>	<u>1.43</u>
8m	<u>347</u>	<u>2.97</u>
12m	<u>155</u>	<u>4.49</u>
16m	<u>87</u>	<u>5.93</u>
20m	<u>55</u>	<u>7.41</u>



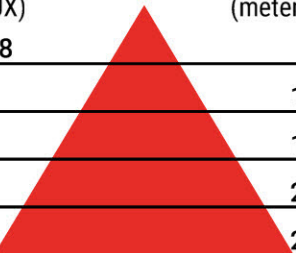
IFL50-NB | 35°

	0 ILLUMINANCE (LUX)	BEAM DIAMETER (meters)
4m	<u>689</u>	<u>2.52</u>
8m	<u>174</u>	<u>5.05</u>
12m	<u>78</u>	<u>7.57</u>
16m	<u>44</u>	<u>10.1</u>
20m	<u>29</u>	<u>12.6</u>

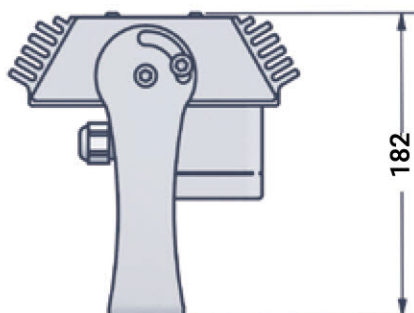
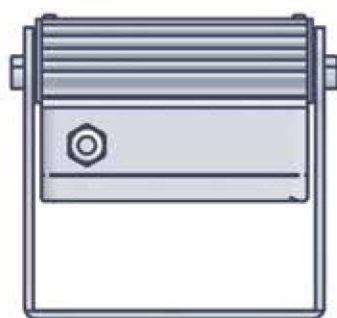
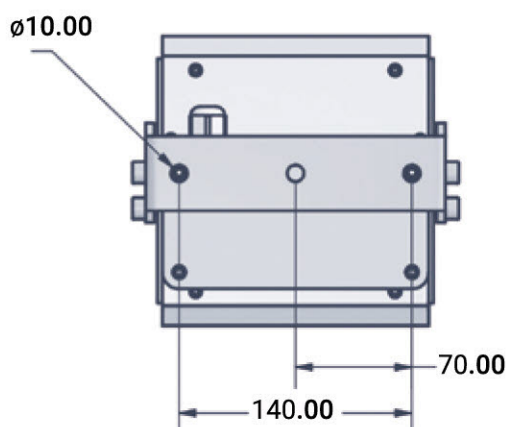
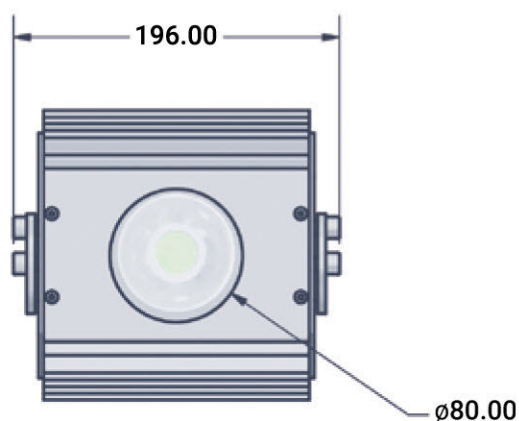


IFL50-WB | 64°

	0 ILLUMINANCE (LUX)	BEAM DIAMETER (meters)
4m	<u>348</u>	<u>5</u>
8m	<u>87</u>	<u>10</u>
12m	<u>39</u>	<u>15</u>
16m	<u>22</u>	<u>20</u>
20m	<u>14</u>	<u>25</u>



GENERAL DIMENSIONS IFL50



IFL100

IMAX MADE IN HOLLAND
FLOODLIGHTS

IP67


TECHNICAL SPECIFICATIONS

Ambient temperature	-40°C To +65°C
Voltage	100-305V
Frequency	50-60Hz
Driver type	High Frequency - Auto Recovery
Power Consumption	105W
System Lumen	14.600
Led Color	5000K, CRI>80
Lifetime	72.000Hr
Number of Drivers	1
Number of Led Modules	2
Mounting Bracket	Stainless Steel
Housing	Marine Grade Aluminum (Optional Different Colours)
Optional	24Vdc

BEAM IFL100


IFL100-SB | 21°

	0 ILLUMINANCE (LUX)	BEAM DIAMETER (meters)
4m	<u>2777</u>	<u>1.43</u>
8m	<u>694</u>	<u>2.97</u>
12m	<u>309</u>	<u>4.49</u>
16m	<u>174</u>	<u>5.93</u>
20m	<u>109</u>	<u>7.41</u>



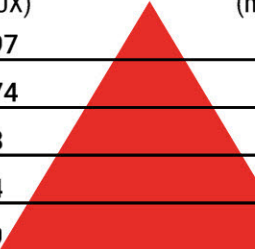
IFL100-NB | 35°

	0 ILLUMINANCE (LUX)	BEAM DIAMETER (meters)
4m	<u>1396</u>	<u>2.52</u>
8m	<u>348</u>	<u>5.05</u>
12m	<u>156</u>	<u>7.57</u>
16m	<u>88</u>	<u>10.1</u>
20m	<u>57</u>	<u>12.6</u>

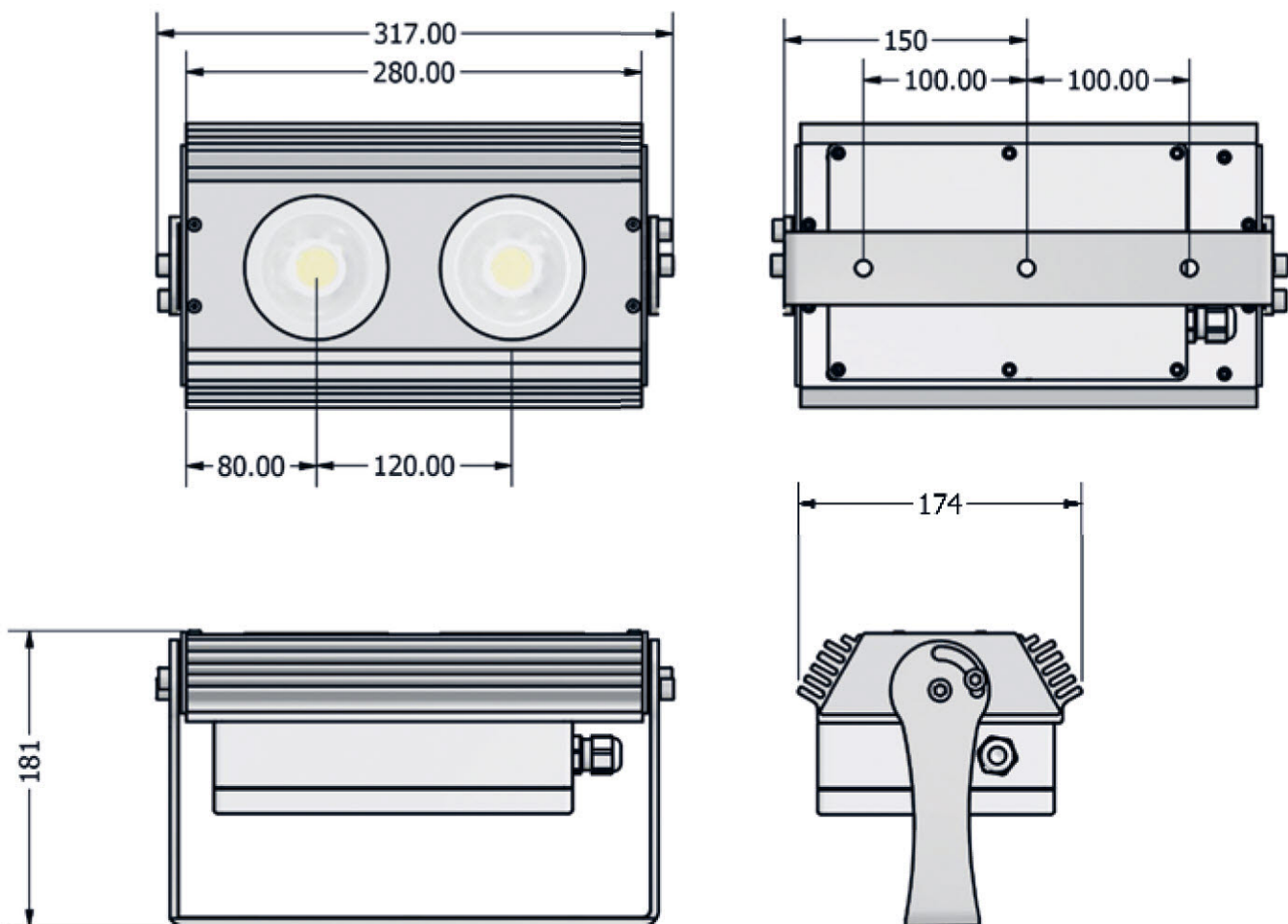


IFL100-WB | 64°

	0 ILLUMINANCE (LUX)	BEAM DIAMETER (meters)
4m	<u>697</u>	<u>5</u>
8m	<u>174</u>	<u>10</u>
12m	<u>78</u>	<u>15</u>
16m	<u>44</u>	<u>20</u>
20m	<u>29</u>	<u>25</u>



GENERAL DIMENSIONS IFL100



IFL150

IMAX MADE IN HOLLAND
FLOODLIGHTS

IP67

TECHNICAL SPECIFICATIONS

Ambient temperature	-40°C To +65°C
Voltage	100-305V
Frequency	50-60Hz
Driver type	High Frequency - Auto Recovery
Power Consumption	160W
System Lumen	20.250
Led Color	5000K, CRI>80
Lifetime	60.000Hr
Number of Drivers	1
Number of Led Modules	3
Mounting Bracket	Stainless Steel
Housing	Marine Grade Aluminum (Optional Different Colours)
Optional	24Vdc

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BEAM IFL150

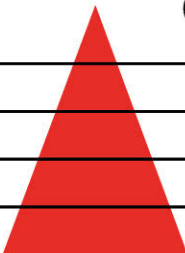
IFL150-SB | 21°

	0 ILLUMINANCE (LUX)	BEAM DIAMETER (meters)
4m	<u>4165</u>	<u>1.43</u>
8m	<u>1041</u>	<u>2.97</u>
12m	<u>464</u>	<u>4.49</u>
16m	<u>261</u>	<u>5.93</u>
20m	<u>164</u>	<u>7.41</u>



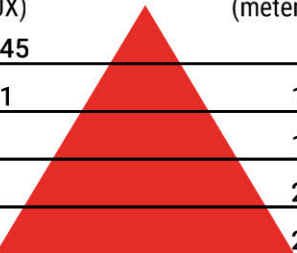
IFL150-NB | 35°

	0 ILLUMINANCE (LUX)	BEAM DIAMETER (meters)
4m	<u>2094</u>	<u>2.52</u>
8m	<u>523</u>	<u>5.05</u>
12m	<u>234</u>	<u>7.57</u>
16m	<u>133</u>	<u>10.1</u>
20m	<u>86</u>	<u>12.6</u>

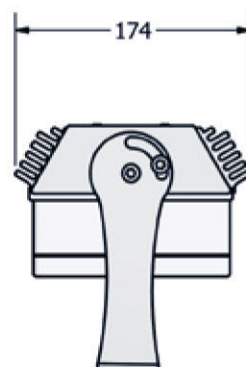
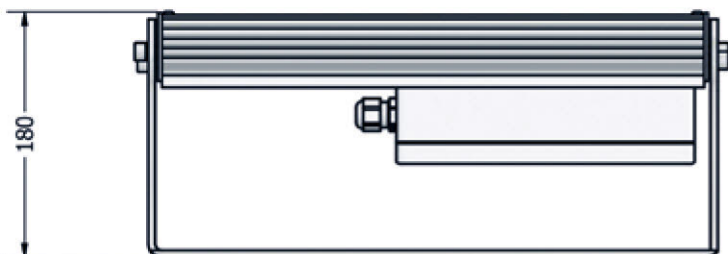
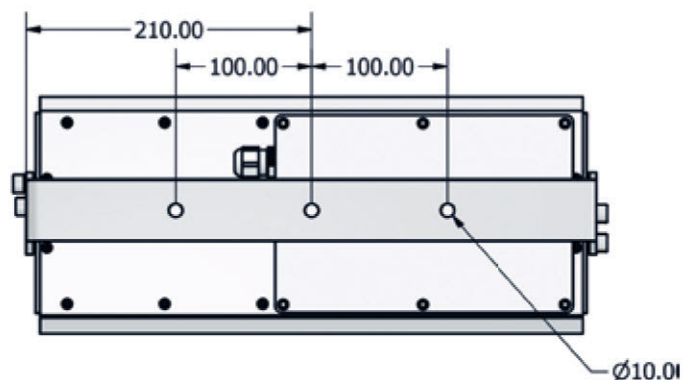
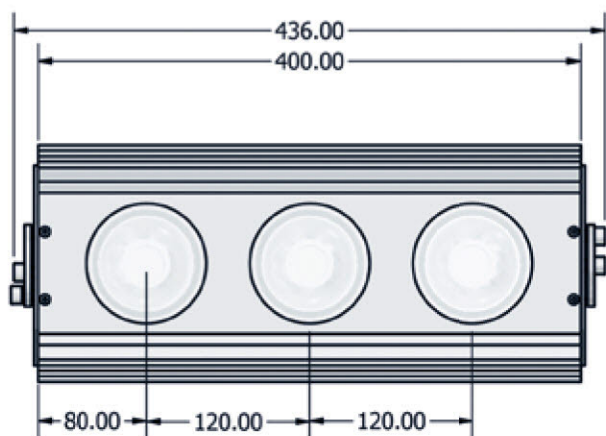


IFL150-WB | 64°

	0 ILLUMINANCE (LUX)	BEAM DIAMETER (meters)
4m	<u>1045</u>	<u>5</u>
8m	<u>261</u>	<u>10</u>
12m	<u>17</u>	<u>15</u>
16m	<u>66</u>	<u>20</u>
20m	<u>43</u>	<u>25</u>



GENERAL DIMENSIONS IFL150



IFL200

IMAX MADE IN HOLLAND
FLOODLIGHTS

IP67


TECHNICAL SPECIFICATIONS

Ambient temperature	-40°C To +65°C
Voltage	100-305V
Frequency	50-60Hz
Driver type	High Frequency - Auto Recovery
Power Consumption	210W
System Lumen	27.000
Led Color	5000K, CRI>80
Lifetime	60.000Hr
Number of Drivers	1
Number of Led Modules	4
Mounting Bracket	Stainless Steel
Housing	Marine Grade Aluminum (Optional Different Colours)

BEAM IFL200

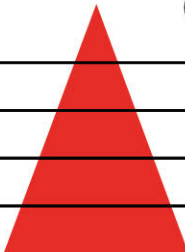
IFL200-SB | 21°

	0 ILLUMINANCE (LUX)	BEAM DIAMETER (meters)
4m	<u>5554</u>	<u>1.43</u>
8m	<u>1388</u>	<u>2.97</u>
12m	<u>619</u>	<u>4.49</u>
16m	<u>348</u>	<u>5.93</u>
20m	<u>218</u>	<u>7.41</u>



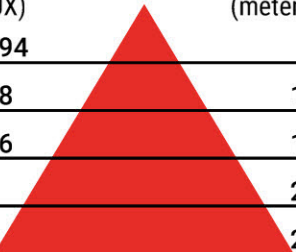
IFL200-NB | 35°

	0 ILLUMINANCE (LUX)	BEAM DIAMETER (meters)
4m	<u>2792</u>	<u>2.52</u>
8m	<u>697</u>	<u>5.05</u>
12m	<u>312</u>	<u>7.57</u>
16m	<u>177</u>	<u>10.1</u>
20m	<u>114</u>	<u>12.6</u>

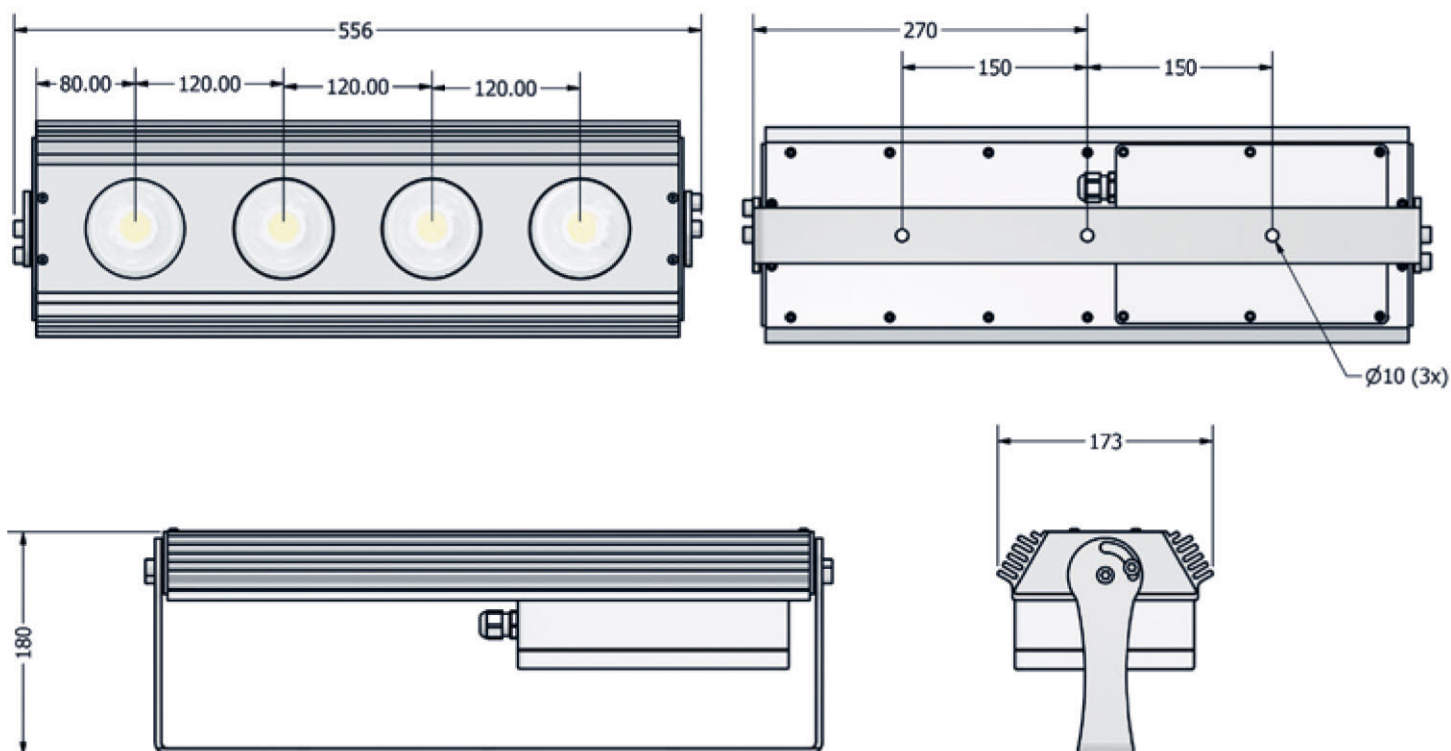


IFL200-WB | 64°

	0 ILLUMINANCE (LUX)	BEAM DIAMETER (meters)
4m	<u>1394</u>	<u>5</u>
8m	<u>348</u>	<u>10</u>
12m	<u>156</u>	<u>15</u>
16m	<u>88</u>	<u>20</u>
20m	<u>57</u>	<u>25</u>

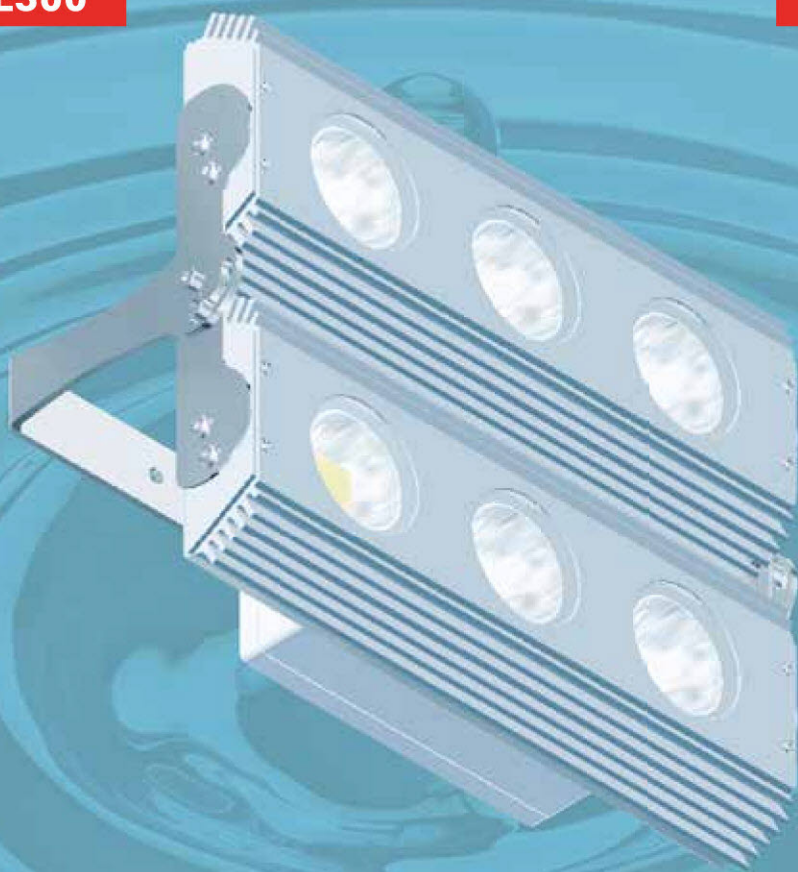


GENERAL DIMENSIONS IFL200



IFL300

IMAX MADE IN HOLLAND
FLOODLIGHTS



IP67

TECHNICAL SPECIFICATIONS

Ambient temperature	-40°C To +65°C
Voltage	100-305V
Frequency	50-60Hz
Driver type	High Frequency - Auto Recovery
Power Consumption	325W
System Lumen	33.750
Led Color	5000K, CRI>80
Lifetime	60.000Hr
Number of Drivers	2
Number of Led Modules	6
Mounting Bracket	Stainless Steel
Housing	Marine Grade Aluminum (Optional Different Colours)

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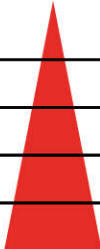
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BEAM IFL300


IFL300-SB | 21°

	0 ILLUMINANCE (LUX)	BEAM DIAMETER (meters)
4m	<u>8330</u>	<u>1.43</u>
8m	<u>2083</u>	<u>2.97</u>
12m	<u>928</u>	<u>4.49</u>
16m	<u>523</u>	<u>5.93</u>
20m	<u>328</u>	<u>7.41</u>



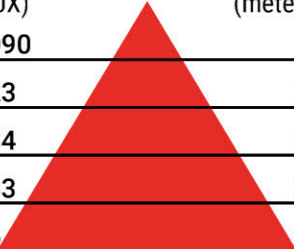
IFL300-NB | 35°

	0 ILLUMINANCE (LUX)	BEAM DIAMETER (meters)
4m	<u>4189</u>	<u>2.52</u>
8m	<u>1045</u>	<u>5.05</u>
12m	<u>468</u>	<u>7.57</u>
16m	<u>265</u>	<u>10.1</u>
20m	<u>172</u>	<u>12.6</u>

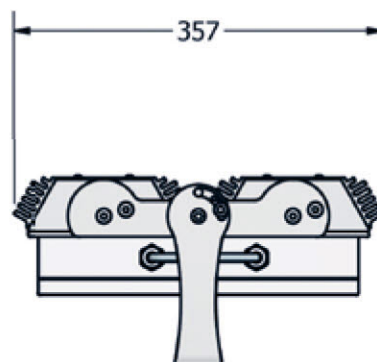
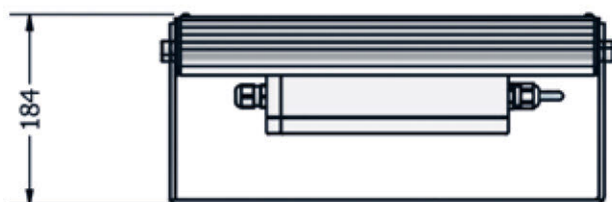
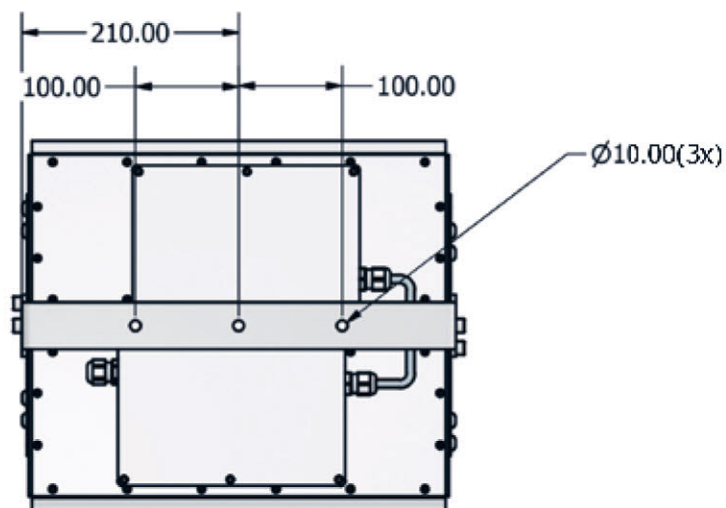
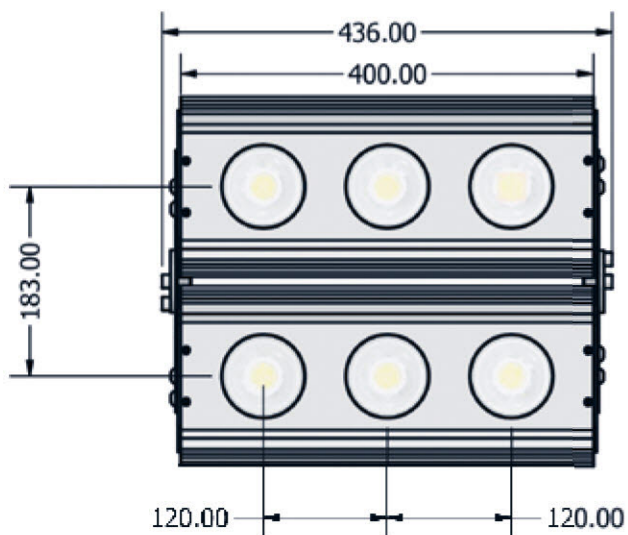


IFL300-WB | 64°

	0 ILLUMINANCE (LUX)	BEAM DIAMETER (meters)
4m	<u>2090</u>	<u>5</u>
8m	<u>523</u>	<u>10</u>
12m	<u>234</u>	<u>15</u>
16m	<u>133</u>	<u>20</u>
20m	<u>86</u>	<u>25</u>



GENERAL DIMENSIONS IFL300



IM6000 RC

IMAX MADE IN HOLLAND
SEARCHLIGHTS



IM6000 RC

The IM6000 LED 150W LED is designed as a searchlight for luxury vessels and patrol boats.

- **LED TECHNOLOGY**
- **LONG LASTING LED LIFE UP TO 50000 HOUR**
- **FRONTGLASS**
- **STAINLESS STEEL HOOD AND FOOT**
- **ANODIZED ALUMINUM INTERIOR FOR DISTRIBUTING THE HEAT**
- **THERMOSTATIC CONTROLLED HEATER**
- **DURABILITY**

IMAX SEARCHLIGHTS

The design of Imax Searchlights is based on many years of experience and extensive research in the field of professional Marine lighting.

Carefully selected materials are used to ensure maximum performance, low maintenance and a long trouble free life.

The perfect combination of mirror/reflector and light source is determined through advanced computer models.

Copper chrome plated reflectors, more durable and stronger with the same reflection capabilities as conventional Aluminium reflectors, IMAX uses brilliant mirror/reflectors, heat resistant, made of super clear glass to achieve the maximum reflectivity of 92%. A clever ring filter prevents glare and stray light.

Every part of the IMAX Searchlight is protected against the environmental circumstances at sea. IMAX mirror/reflectors maintain their superior brilliance during many years.

The IMAX Marine type pan and tilt unit has the following features: SS-shafting, strong gears, sealing to IP66. The reinforced housing is protected by a heavy layer of powder coating. The control panel containing the 8-position joystick is designed for flush mounting in the ship's bridge console (not included).

IMAX LIGHTENS YOUR WORK.

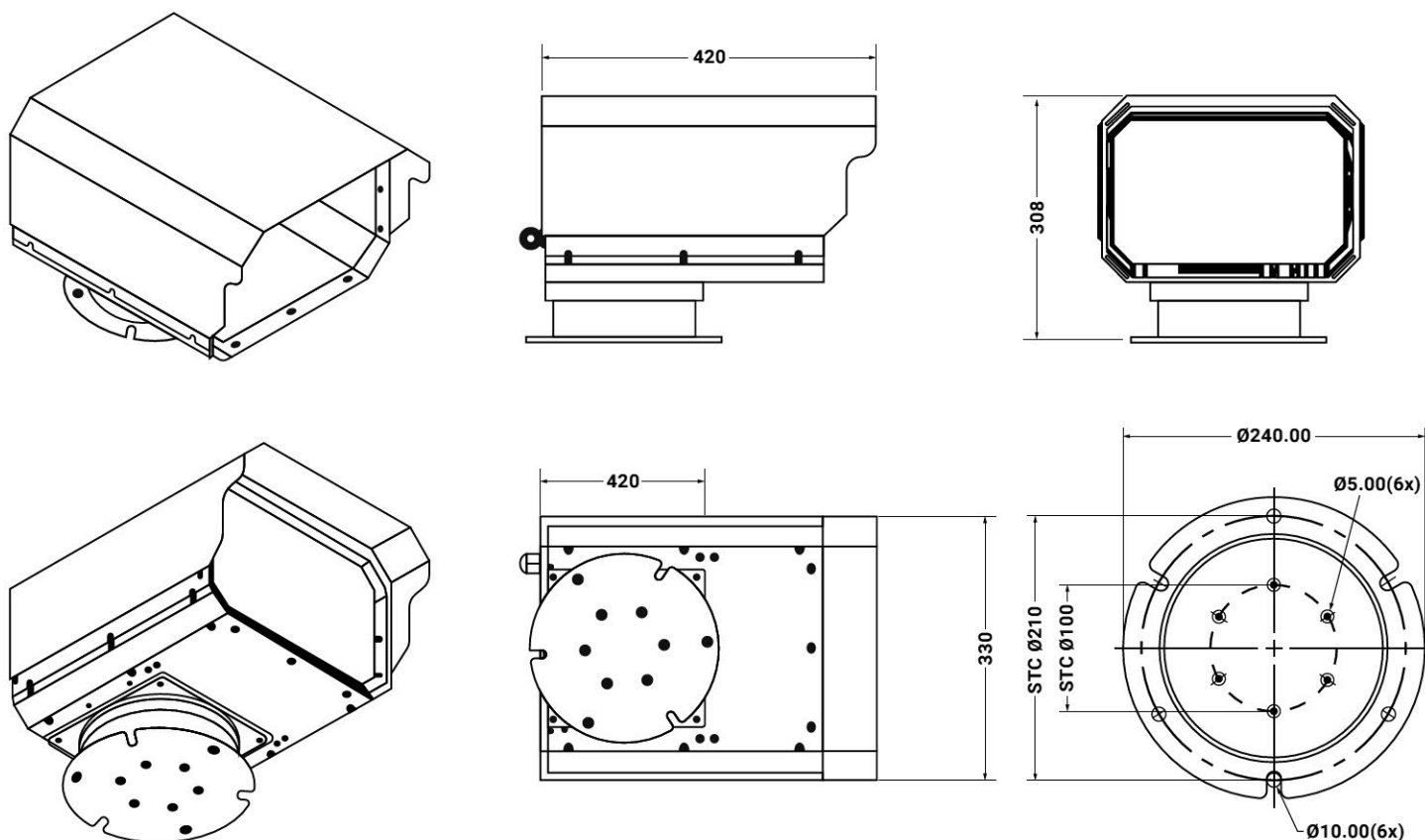
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GENERAL DIMENSIONS IM6000 RC

LxBxH= 420mmx330mmx308mm Weight 17.5Kg



SPECIFICATIONS

Model	Voltage	Rotation	Weight	Range in meters (L)	Divergence	Tilt movement
IM6000 RC	230V	360 deg	17.5Kg	1100 meter	-7 deg	15 deg up and 20 deg down
IM6000 RC	24V	360 deg	17.5Kg	900 meter	6 deg	15 deg up and 20 deg down

IM300 LED / IM350 LED

IMAX MADE IN HOLLAND

SEARCHLIGHTS



- **STAINLESS STEEL CONSTRUCTION**
- **SUPERB OPTICS**
- **POWERFUL LONGRANGE BEAM**
- **ELECTRICAL REMOTE CONTROL**
- **LOW MAINTENANCE**
- **DURABILITY**

IMAX SEARCHLIGHTS

The design of IMAX Searchlights is based on many years of experience and extensive research in the field of professional Marine lighting.

Carefully selected materials are used to ensure maximum performance, low maintenance and a long troublefree life.

The perfect combination of mirror/reflector and light-source is determined through advanced computer models.

Instead of aluminium reflectors, often used in conventional searchlights, IMAX uses silvered glass mirror/reflectors made of top quality colourless glass to achieve the maximum reflectivity of 92%. The optical mirror maintains its brilliance during many years.

IMAX searchlights are fitted with a clever ring filter that prevents glare and stray light. The hardened front glass and the parabolic mirror/reflector are both heat resistant.

The pan/tilt unit and the searchlight are made in Stainless Steel, protected extra by a heavy layer of epoxy powder coating to withstand the environmental conditions at sea. The unit is sealed to IP 66.

The controlpanel with the 8-position joystick, made for flush fitting in the bridge control desk, are optional available.

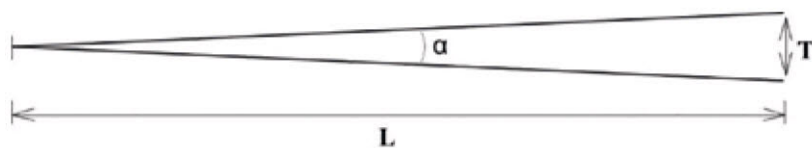
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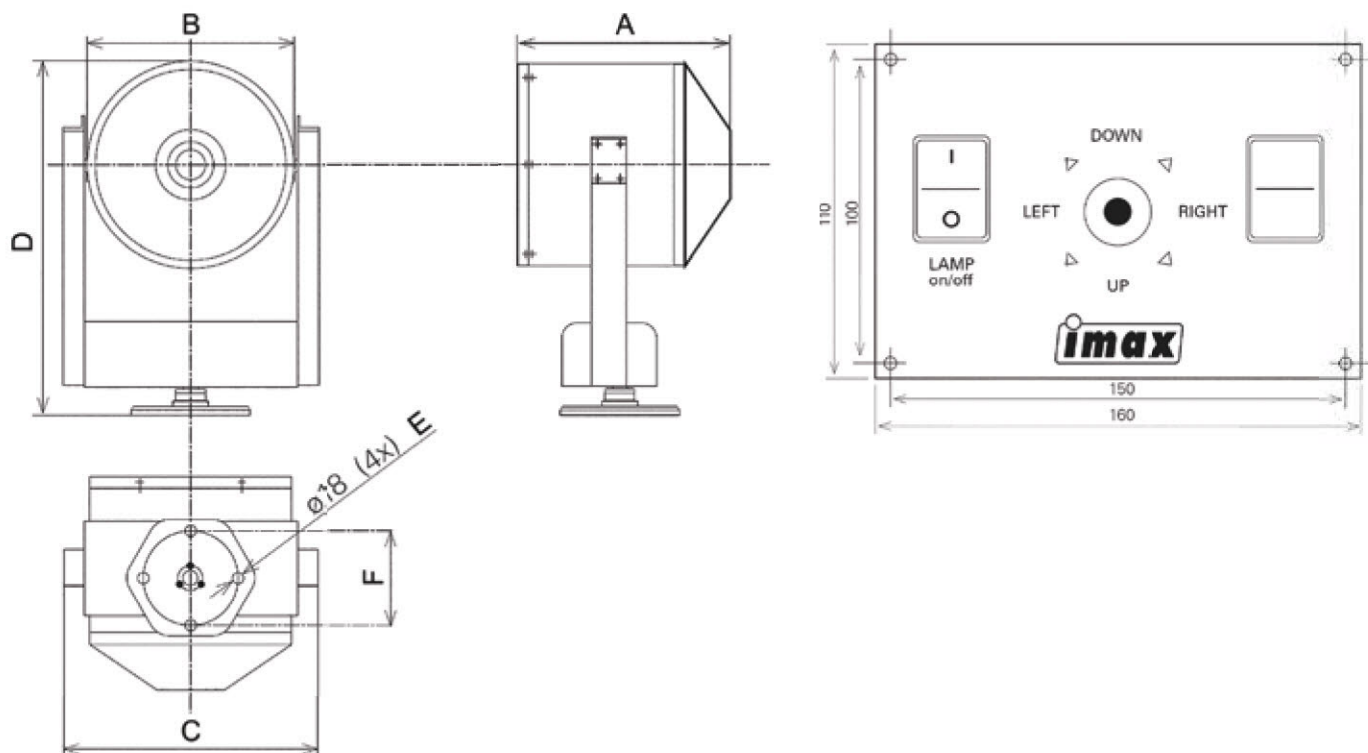
LIGHT TECHNICAL DATA



Searchlight	Lamp power	Currently (V)	PBCP (measured lum x 1000)	Range L (meters)	Divergence (α)	Illuminated Area at target / 1 lux
IM300 LED	80W	24	1.687	1.350	4-5°	Ø 120 meter
IM350 LED	120W	230	1.850	1.550	6°	Ø 160 meter

DIMENSIONS

all dimensions in mm.



Type	A	B	C	D	E	F	Weight
IM300 **	260	290	385	515	Ø 18	160	19
IM350 **	360	345	430	600	Ø 18	160	22

IM490 LED

IMAX MADE IN HOLLAND
SEARCHLIGHTS



- **SUPERB OPTIC**
- **STAINLESS STEEL CONSTRUCTION**
- **ELECTRICAL REMOTE CONTROL**
- **NON CORROSIVE MATERIALS**
- **LOW MAINTENANCE**
- **DURABILITY**

IMAX SEARCHLIGHTS

The design of IMAX Searchlights is based on many years of experience and extensive research in the field of professional Marine lighting.

Carefully selected materials are used to ensure maximum performance, low maintenance and a long trouble-free life.

The perfect combination of mirror/reflector and light-source is determined through advanced computer-models.

Instead of aluminium reflectors, often used in conventional searchlights, IMAX uses brilliant mirror/reflectors, heat resistant, made of superclear glass to achieve the maximum reflectivity of 92%. A clever ringfilter prevents glare and stray light.

Every part of the IMAX Searchlight is of course protected against the environmental circumstances at sea. IMAX mirror/reflectors maintain their superior brilliance during many years.

The IMAX Marine type pan and tilt unit has the following features: SS-shafting, strong gears, sealing to IP66. The reinforced housing is protected by a heavy layer of powder coating.

The controlpanel containing the 8-position joystick is designed for flush fitting in the ship's bridge console (not included).

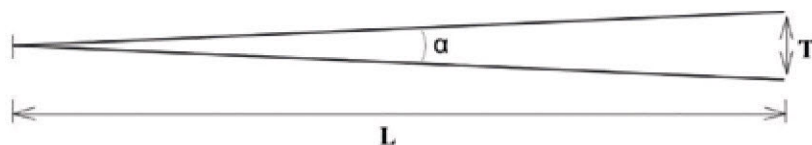
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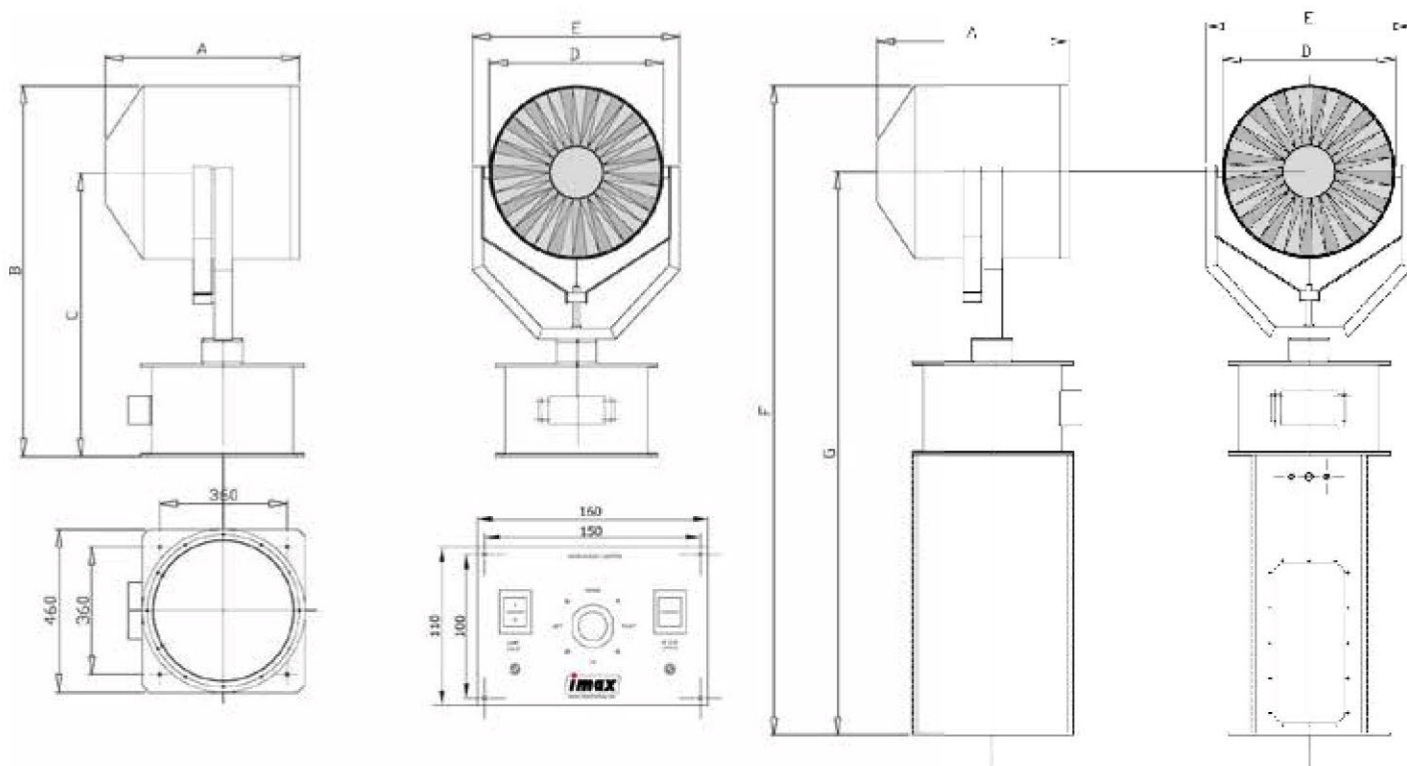
LIGHT TECHNICAL DATA



Lamp power	Mirror diameter (mm)	PBCP (measured) Lum x 1000	Range L (meter)	Divergence α	Pan	Tilt
350W LED	457	5.300	2.300	3-8°	370°	+45 to -45°

DIMENSIONS

all dimensions in mm.



Type	V ¹ /W	Dimensions							Weight excl. pedestal ²
		A	B	C	D	E	F	G	
IM490 LED	230/350	607	990	743	490	500	1780	1100	59

¹ other Voltages available

² Ad 35kg for 600mm pedestal and 40kg for 800mm pedestal

Control panel cut out 140x90mm, CAN bus control optionally available

IM400 RC

IMAX EmArc SEARCHLIGHTS

MADE IN HOLLAND



- **SUPERB OPTICS**
- **POWERFUL LONGRANGE BEAM**
- **ELECTRICAL REMOTE CONTROL**
- **NON CORROSIVE MATERIALS**
- **LOW MAINTENANCE**
- **DURABILITY**



IMAX SEARCHLIGHTS

The newly developed light source, the EmArc, combines the advantages of both HMI and Xenon in one lamp viz.:

- simple lightweight controlgear
- high efficiency, 60Lm/Watt
- 2000 hrs average lifetime
- low power consumption.

Imax welcomed the opportunity to create a new generation of amazing searchlights.

Amazing in the sense of:

- light output : the 850Watt EmArc matches a 1600Watt Xenon lamp
- reach : >6000 meter 1Lx, over 600 Lux at 250 meter
- colour temperature: 60000 Kelvin, same as daylight

The built-in controlgear of the EmArc means a considerable saving in installation costs compared with Xenon.

Apart from using the latest design in light technology IMAX maintains her well known high quality standard of the hardware:

- well protected non-corrosive materials
- top quality optics
- heat resistant tempered frontglass
- low maintenance and a long durable life

IMAX LIGHTENS YOUR WORK.

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IM400 RC-EmArc

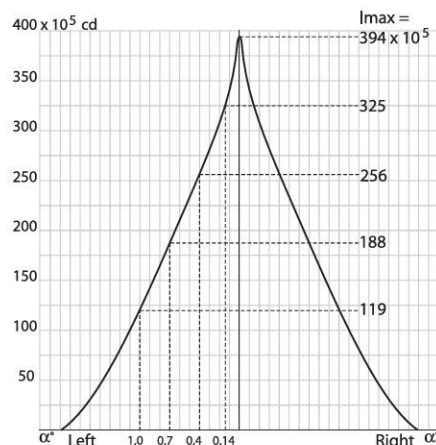
IMAX SEARCHLIGHTS

FEATURES:

- Extreme powerfull concentrated beam
- Colour temperature near to daylight
- Hot re-strike
- Built-in control gear
- Supply voltage 230 V - 50 / 60 Hz
- Standby heater
- Protection class IP54

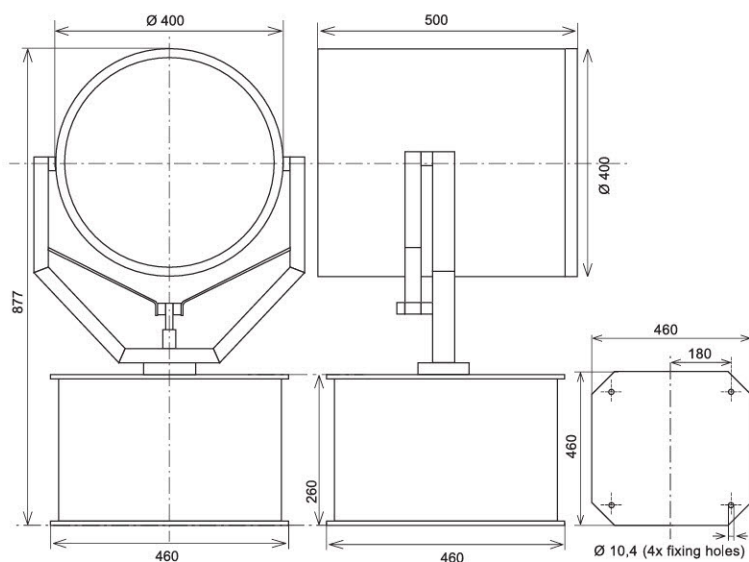
MATERIALS:

- Non corrosive and seawater resistant materials
- Silvered glass parabolic mirror-reflector
- Heat resistant toughened front-glass
- Silicon rubber gaskets



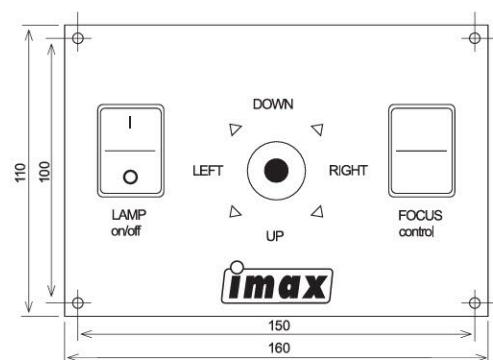
DIMENSIONS

all dimensions in mm.



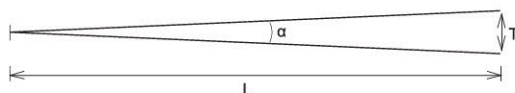
MOTOR UNIT SPECIFICATIONS

Pan movement: 350°
 Tilt movement: + 30° to - 30°
 Pan speed: 12°/sec
 Tilt speed: 2.4°/sec
 Operating temp.: - 30° C to + 70° C
 Standard: Thermocontrolled heater



SPECIFICATIONS

Model	Voltage	Watts	Weight	PBCP (measured) Lum x 1000	Range in meters (L)	Divergence (α)	Illuminated Area at target/1 lux (T)
IM400 RC	230	850	53 kgs	39.470	> 6.000	2°	Ø 140 m



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IM400RCX - IM490RCX

IMAX MADE IN HOLLAND
SEARCHLIGHTS



- **SUPERB OPTICS**
- **POWERFUL LONGRANGE BEAM**
- **ELECTRICAL REMOTE CONTROL**
- **NON CORROSIVE MATERIALS**
- **LOW MAINTENANCE**
- **DURABILITY**

IMAX SEARCHLIGHTS

Xenon lamps provide a type of light with very high 'colour temperature'. This means that these lamps feature a continuous spectrum which closely approximates daylight in the visible spectrum and infrared range, making them superior to be used in searchlights for spotting ice and other potential hazards.

The very high technical quality of the light is closely linked to the quality of the IMAX Xenon Searchlights. The design of IMAX Searchlights is based on many years of experience and extensive research in the field of Marine Lighting.

Apart from using the latest design in light technology, IMAX maintains her well known high quality standard of the hardware:

- Well protected non-corrosive materials
- Top quality optics
- Heat resistant tempered frontglass
- Low maintenance and long durable life

IMAX LIGHTENS YOUR WORK.

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IMAX XENON SEARCHLIGHTS

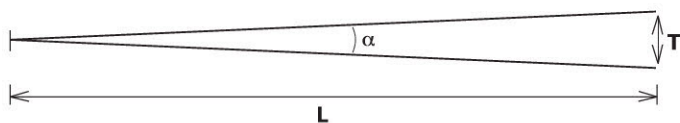
Pan movement 370°, pan speed 1 °/sec. Tilt movement -45° to +45°.

Operating temperature +60 to -40°C, thermocontrolled heater.

Protection class IP54, (separate) PSU IP20. Frontglass toughened, heat resistant. Stainless steel searchlight, white epoxy powder coated with black rim.

DIMENSIONS

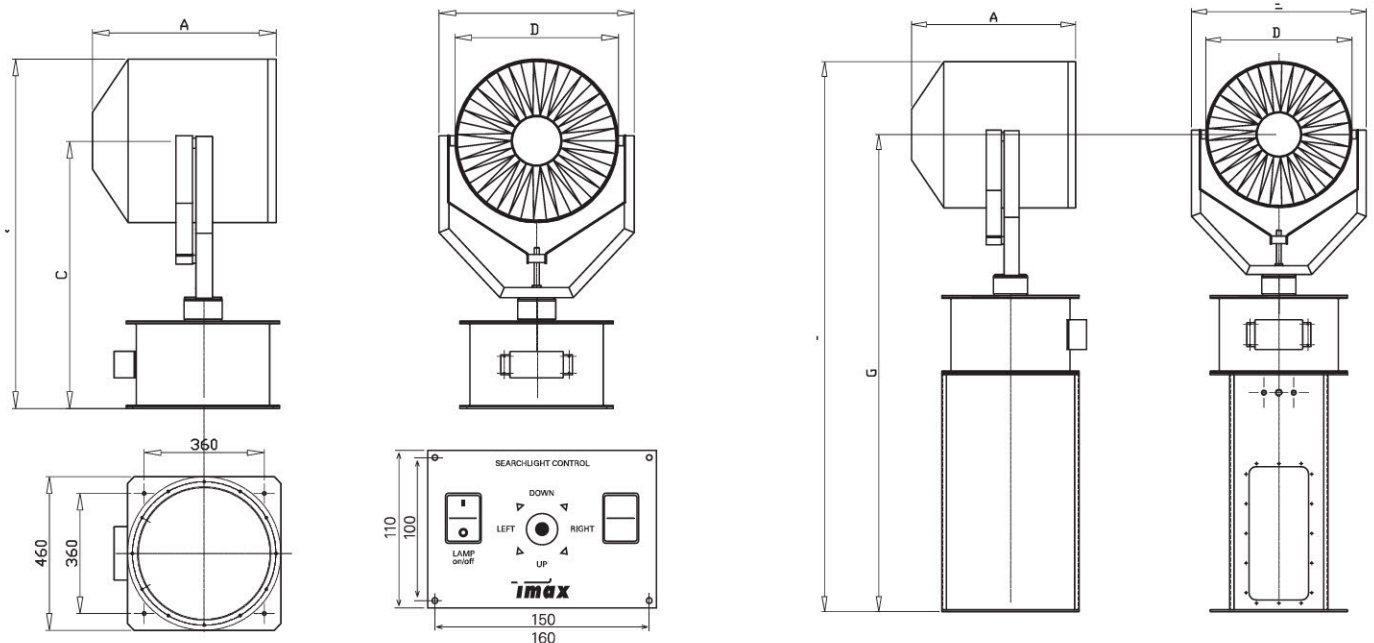
Lamp Power	Mirror Diameter	PBCP (measured) Lum x 1000	Range in meters (L)	Divergence (α)	Pan	Tilt
1000 W	358 mm	40 x 10 ⁶	6,700	2 - 8°	370°	+45 to -45°
2000 W	457 mm	87 x 10 ⁶	7,400	2 - 8°	370°	+45 to -45°
3000 W	457 mm	91 x 10 ⁶	9,200	3 - 8°	370°	+45 to -45°



Illuminated area at given distance = $2D \times \tan(\alpha/2)$

DIMENSIONS

all dimensions in mm.



Type ref.	V'/W	Dimensions in mm.							Weight excl. pedestal ²
		A	B	C	D	E	F	G	
IM400RCX	230/1000	500	880	680	400	450	1680	1250	50
IM490RCX	230/2000	607	990	743	490	500	1780	1100	59
IM490RCX	230/3000	607	990	743	490	500	1780	1100	59

Power Supply Unit ³	Dimensions in mm.	Weight in kg
1000 W Xenon	600 x 250 x 230	60
2000 W Xenon	350 x 410 x 840	101
3000 W Xenon	410 x 460 x 940	127

¹ Other voltages available

² Ad 35 kg for 600 or 40 kg for 800 mm pedestal

Control Panel 160x110mm - 4 fixing holes ø 3mm at 150x100mm - cut out 140x90mm

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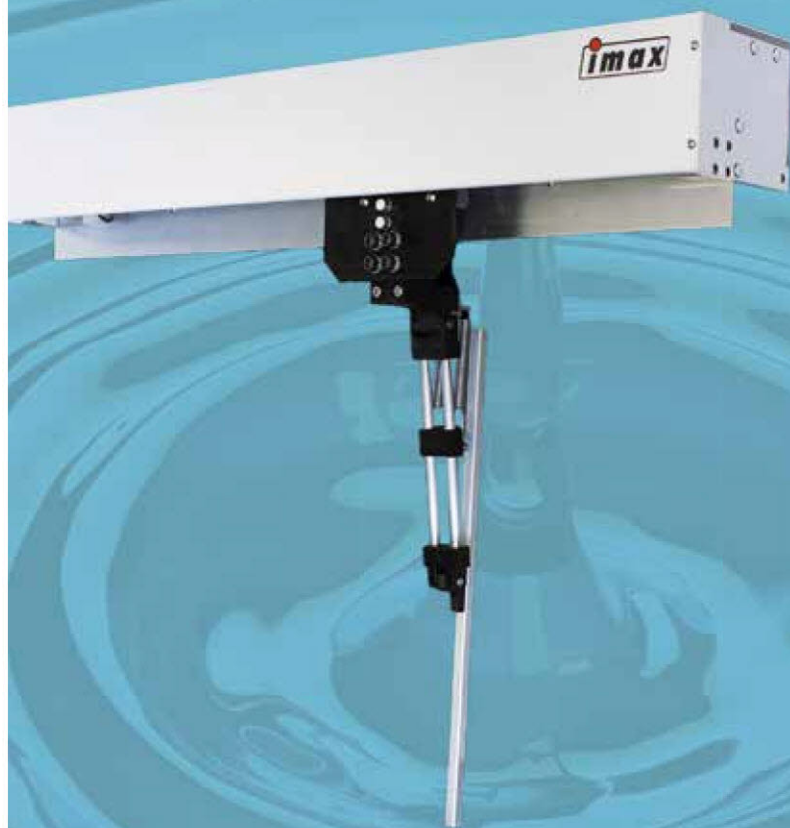
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IMW-3000

IMAX MADE IN HOLLAND

Marine Straight Line Wipers



IMAX MARINE STRAIGHT LINE WIPERS

Imax Marine Straight Line Wipers Imax has developed a straight line wiper series for all offshore vessels. It is a robust and solid version capable sustaining all kinds of weather. The cover is made from stainless steel and with the Imax white powder coated finishing.

The design is as compact as possible and all wipers are operated by a master/slave control panel. Simple construction coupled with the use of only the highest quality materials guarantee the reliability and troublefree maintenance of the wiper system.

Custom made

Imax engineering will design the wiper system to your specific needs and windows and is due to its modular system. We can develop and produce almost every type within a short time schedule!

IMAX LIGHTENS YOUR WORK.

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Specifications are subject to change without notice.

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