

Franck Franjou

Plasticien de l'Environnement Nocturne

MOSTA BASILICA SQUARE

ARCHITECTURAL LIGHTING DESIGN

LIGHT FITTINGS & ACCESSORIES - SPECIFICATIONS SHEETS

2021/08/27

TENDER PHASE



FRANCK FRANJOU LIGHTING DESIGNERS & CONSULTANTS

SARL au capital de 150.000EUR RCS MELUN 492 623 103 APE 742C TVA INTRA FR19492623103
7 rue du Pont Rouge F-77140 NEMOURS Tel: 33 1 64 29 42 57 f.franjou@wanadoo.fr www.franckfranjou.com

Luminaire Specification Sheet

Project Title:
Location:

MOSTA BASILICA
CHURCH

Type: **Linear adjustable surface mounted light fitting**

Finish: **RAL colour**

Protection rating: **IP66**
Mechanical impact: **IK10**

Optical distribution / Beam angle: **9°x 9°**

Luminaire Lifetime: **60.000hrs**

Certifications: **CE**

Warranty: **10 years** (5 years + 5 years extension contract)
Corrosion resistance: **Complies with ASTM B117 standard**
Vibration resistance: **Complies with ANSI C136.31 3G**

Light Source Type: **LED**

Light Source Colour (KELVIN): **2700K**

Light Source Rendering (CRI): **82**

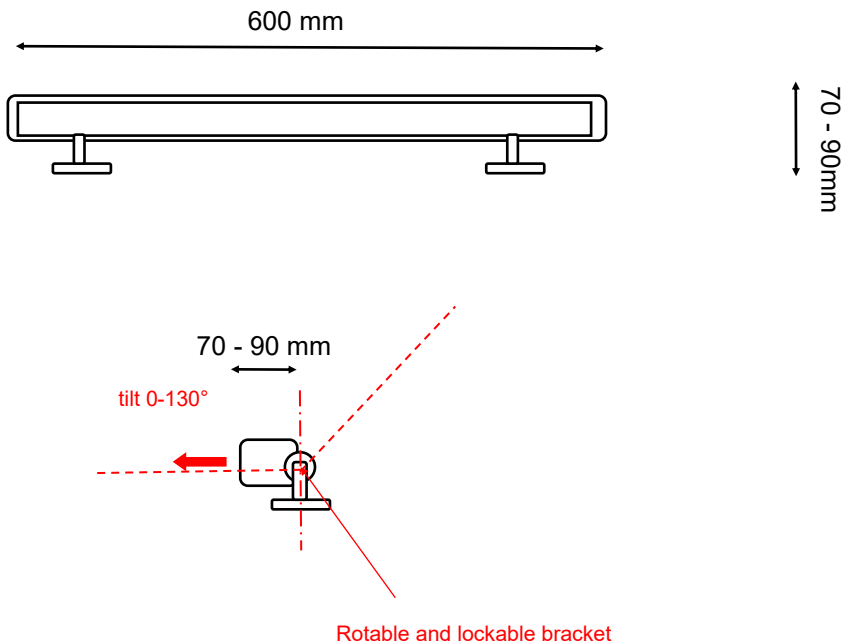
Rated Luminous Flux (lumen): **2500lm**

Input voltage: **220-240V 50/60Hz**

Connection: **waterproof connectors**

Power consumption: **40W**

Control: **DMX with remote DATA/SUPPLY item**



IP65 remote DATA DMX SUPPLY

Housing:
Extruded anodized aluminium

Lens: **Clear UV protected carbonate**

Dimensions: **see sidebar**

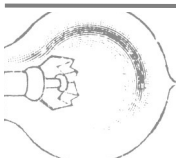
galvanized steel bracket
RAL powder coated painting

Installation: **Surface mounted**

Notes:
Remote
DMX CONTROL
(Ethernet environment)

Luminaire to be provided with all
necessary installation accessories:

- **brackets**
- **fixings**



Franck Franjou
Plasticien de l'Environnement Nocturne
7, rue du Pont Rouge F-77140 Nemours, France
Tel: 00 33 1 64 29 42 57
f.franjou@wanadoo.fr

Purpose of Issue:

Tender

Date/Revision:

2021/08/27

Type:

F01

Luminaire Specification Sheet

Project Title:
Location:

MOSTA BASILICA
CHURCH

Type: **Linear adjustable surface mounted light fitting**

Finish: **RAL colour**

Protection rating: **IP66**

Mechanical impact: **IK10**

Optical distribution / Beam angle: **15°x30°**

Luminaire Lifetime: **60.000hrs**

Certifications: **CE**

Warranty: **10 years** (5 years + 5 years extension contract)

Corrosion resistance: **Complies with ASTM B117 standard**

Vibration resistance: **Complies with ANSI C136.31 3G**

Light Source Type: **LED**

Light Source Colour (KELVIN): **2700K**

Light Source Rendering (CRI): **82**

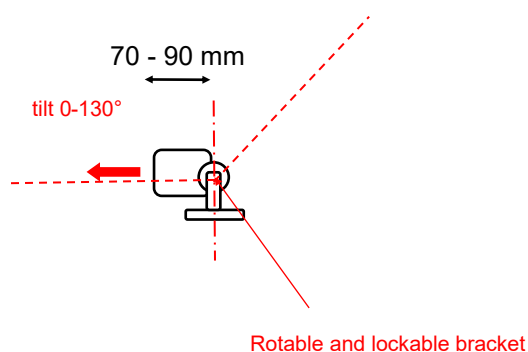
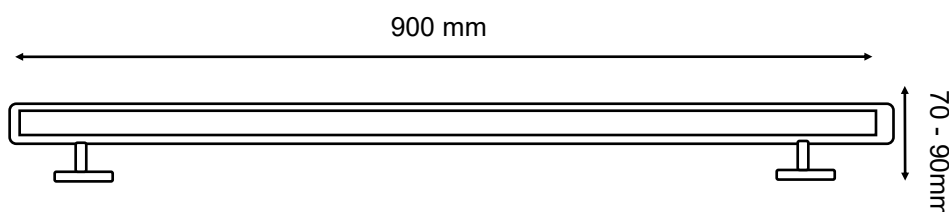
Rated Luminous Flux (lumen): **4000lm**

Input voltage: **220-240V 50/60Hz**

Connection: **waterproof connectors**

Power consumption: **60W**

Control: **DMX with remote DATA/SUPPLY item**



IP65 remote DATA DMX SUPPLY

Housing:
Extruded anodized aluminium

Lens: Clear UV protected carbonate

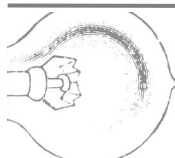
Galvanized steel bracket
Stainless steel screws

Installation: **Surface mounted**

Notes:
**Remote
DMX CONTROL
(Ethernet environment)**

Luminaire to be provided with all
necessary installation accessories:

- brackets
- fixings



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Plasticien de l'Environnement Nocturne
7, rue du Pont Rouge F-77140 Nemours, France
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f.franjou@wanadoo.fr

Purpose of Issue:

Tender

Date/Revision:

2021/08/27

Type:

F02

Luminaire Specification Sheet

Project Title:
Location:

MOSTA BASILICA
CHURCH

Type: **Linear adjustable surface mounted light fitting**

Finish: **RAL colour**

Protection rating: **IP66**

Mechanical impact: **IK10**

Optical distribution / Beam angle: **9°x 9°**

Luminaire Lifetime: **60.000hrs**

Certifications: **CE**

Warranty: **10 years** (5 years + 5 years extension contract)

Corrosion resistance: **Complies with ASTM B117 standard**

Vibration resistance: **Complies with ANSI C136.31 3G**

Light Source Type: **LED**

Light Source Colour (KELVIN): **2700K**

Light Source Rendering (CRI): **82**

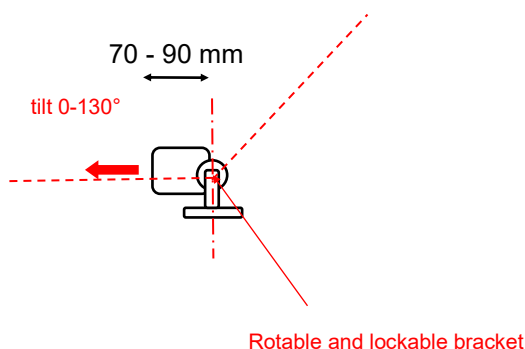
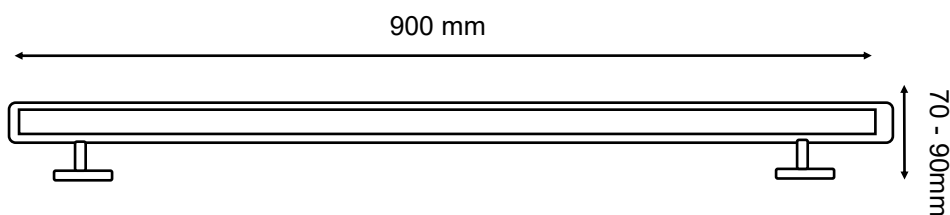
Rated Luminous Flux (lumen): **3000lm**

Input voltage: **220-240V 50/60Hz**

Connection: **waterproof connectors**

Power consumption: **60W**

Control: **DMX with remote DATA/SUPPLY item**



IP65 remote DATA DMX SUPPLY

Housing:
Extruded anodized aluminium

Lens: Clear UV protected carbonate

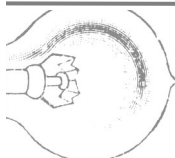
Galvanized steel bracket
Stainless steel screws

Installation: Surface mounted

Notes:
Remote
DMX CONTROL
(Ethernet environment)

Luminaire to be provided with all
necessary installation accessories:

- brackets
- fixings



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f.franjou@wanadoo.fr

Purpose of Issue:

Tender

Date/Revision:

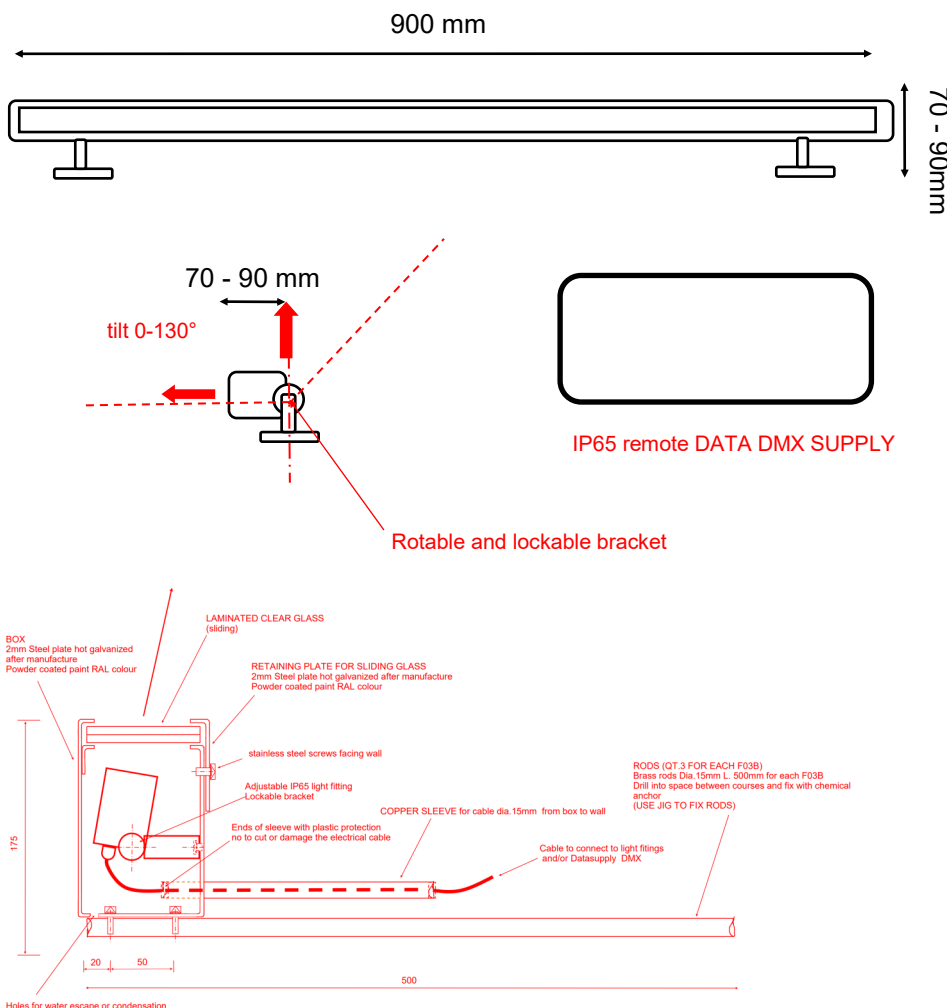
2021/08/27

Type:

F03

MOSTA BASILICA
CHURCH

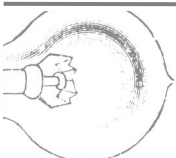
Control: **DMX** with remote **DATA/SUPPLY** item



Screws: **All screws stainless steel**

- **brackets**
- **fixings**

TYPE F03B
SURFACE MOUNTED LINEAR LIGHT FITTING IN BOX
Remote IP65 DMX Datasupply/controller



F03B

Luminaire Specification Sheet

Project Title:
Location:

MOSTA BASILICA
CHURCH

Type: **Linear adjustable surface mounted light fitting**

Finish: **RAL colour**

Protection rating: **IP66**
Mechanical impact: **IK10**

Optical distribution / Beam angle: **15°x30°**

Luminaire Lifetime: **60.000hrs**

Certifications: **CE**

Warranty: **10 years** (5 years + 5 years extension contract)

Corrosion resistance: **Complies with ASTM B117 standard**

Vibration resistance: **Complies with ANSI C136.31 3G**

Light Source Type: **LED**

Light Source Colour (KELVIN): **3000K**

Light Source Rendering (CRI): **82**

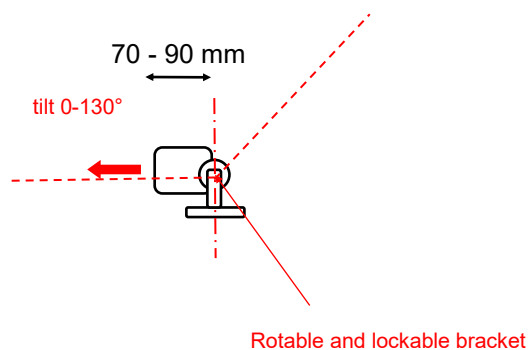
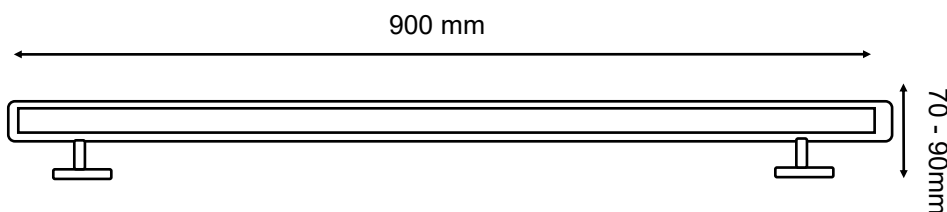
Rated Luminous Flux (lumen): **4000lm**

Input voltage: **220-240V 50/60Hz**

Connection: **waterproof connectors**

Power consumption: **60W**

Control: **DMX with remote DATA/SUPPLY item**



IP65 remote DATA DMX SUPPLY

Housing:
Extruded anodized aluminium

Lens: Clear UV protected carbonate

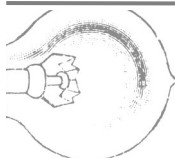
Galvanized steel bracket
Stainless steel screws

Installation: Surface mounted

Notes:
**Remote
DMX CONTROL**
(Ethernet environment)

Luminaire to be provided with all
necessary installation accessories:

- brackets
- fixings



Franck Franjou

Plasticien de l'Environnement Nocturne
7, rue du Pont Rouge F-77140 Nemours, France
Tel: 00 33 1 64 29 42 57
f.franjou@wanadoo.fr

Purpose of Issue:

Tender

Date/Revision:

2021/08/27

Type:

F04

Luminaire Specification Sheet

Project Title:
Location:

**MOSTA BASILICA
CHURCH**

Type: **Linear adjustable surface mounted light fitting**

Finish: **RAL colour**

Protection rating: **IP66**

Mechanical impact: **IK10**

Optical distribution / Beam angle: **10°x60°**

Luminaire Lifetime: **60.000hrs**

Certifications: **CE**

Warranty: **10 years** (5 years + 5 years extension contract)

Corrosion resistance: **Complies with ASTM B117 standard**

Vibration resistance: **Complies with ANSI C136.31 3G**

Light Source Type: **LED**

Light Source Colour (KELVIN): **2700K**

Light Source Rendering (CRI): **82**

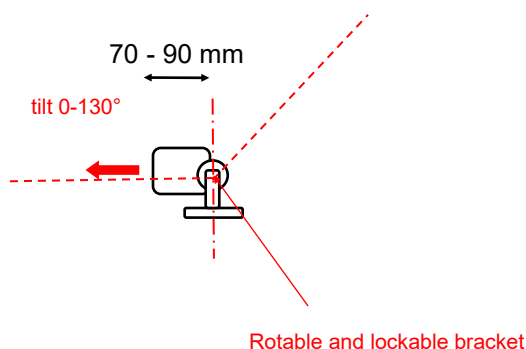
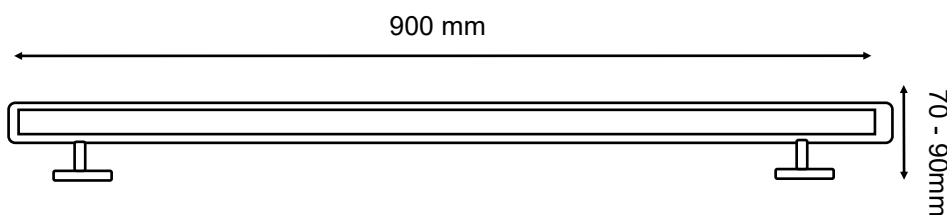
Rated Luminous Flux (lumen): **3000lm**

Input voltage: **220-240V 50/60Hz**

Connection: **waterproof connectors**

Power consumption: **60W**

Control: **DMX with remote DATA/SUPPLY item**



IP65 remote DATA DMX SUPPLY

Housing:
Extruded anodized aluminium

Lens: Clear UV protected carbonate

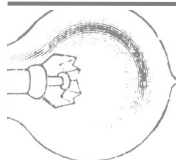
Galvanized steel bracket
Stainless steel screws

Installation: Surface mounted

Notes:
**Remote
DMX CONTROL
(Ethernet environment)**

Luminaire to be provided with all
necessary installation accessories:

- brackets
- fixings



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7, rue du Pont Rouge F-77140 Nemours, France
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f.franjou@wanadoo.fr

Purpose of Issue:

Tender

Date/Revision:

2021/08/27

Type:

F05

Luminaire Specification Sheet

Project Title:
Location:

**MOSTA BASILICA
CHURCH**

Type: **Adjustable surface mounted light fitting**

Finish: **RAL colour**

Protection rating: **IP66**
Mechanical impact: **IK10**

Optical distribution / Beam angle: **60°**

Luminaire Lifetime: **60.000hrs**

Certifications: **CE**

Warranty: **10 years** (5 years + 5 years extension contract)
Corrosion resistance: **Complies with ASTM B117 standard**
Vibration resistance: **Complies with ANSI C136.31 3G**

Light Source Type: **LED**

Light Source Colour (KELVIN): **RGBA**

Light Source Rendering (CRI): **not applicable**

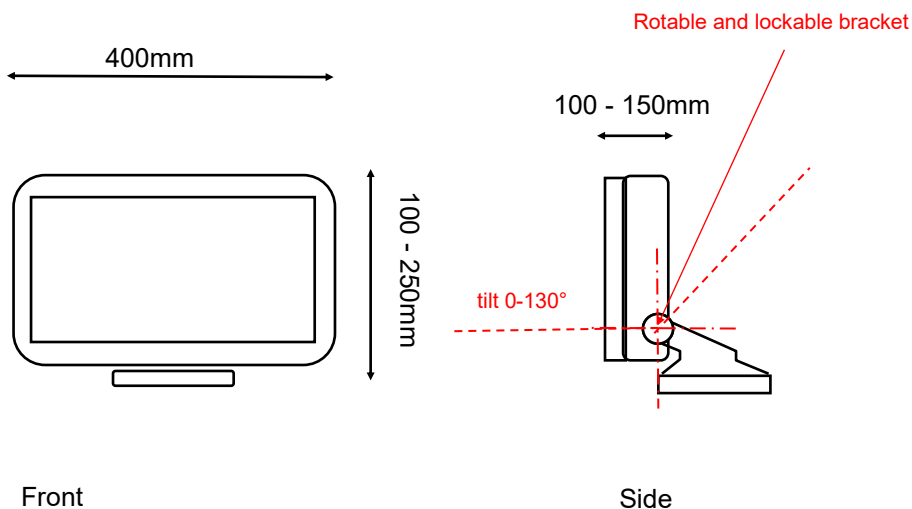
Rated Luminous Flux (lumen): **4900lm**

Input voltage: **220-240V 50/60Hz**

Connection: **waterproof connectors**

Power consumption: **50W**

Control: **DMX with remote DATA/SUPPLY item**



Housing:
Die cast aluminium
RAL powder coated finish
Marine/salt treatment

Lens: Clear tempered glass

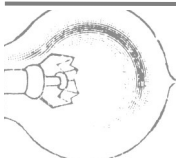
Galvanized steel bracket
Stainless steel screws

Installation: **Surface mounted**

Notes:
Remote
DMX CONTROL
(Ethernet environment)

Luminaire to be provided with all
necessary installation accessories:

- **brackets**
- **fixings**



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7, rue du Pont Rouge F-77140 Nemours, France
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f.franjou@wanadoo.fr

Purpose of Issue:

Tender

Date/Revision:

2021/08/27

Type:

F06

Luminaire Specification Sheet

Project Title:
Location:

MOSTA BASILICA
CHURCH

Type: **Adjustable surface mounted light fitting**

Finish: **RAL colour**

Protection rating: **IP66**
Mechanical impact: **IK10**

Optical distribution / Beam angle: **60°**

Luminaire Lifetime: **60.000hrs**

Certifications: **CE**

Warranty: **10 years** (5 years + 5 years extension contract)
Corrosion resistance: **Complies with ASTM B117 standard**
Vibration resistance: **Complies with ANSI C136.31 3G**

Light Source Type: **LED**

Light Source Colour (KELVIN): **RGBA**

Light Source Rendering (CRI): **not applicable**

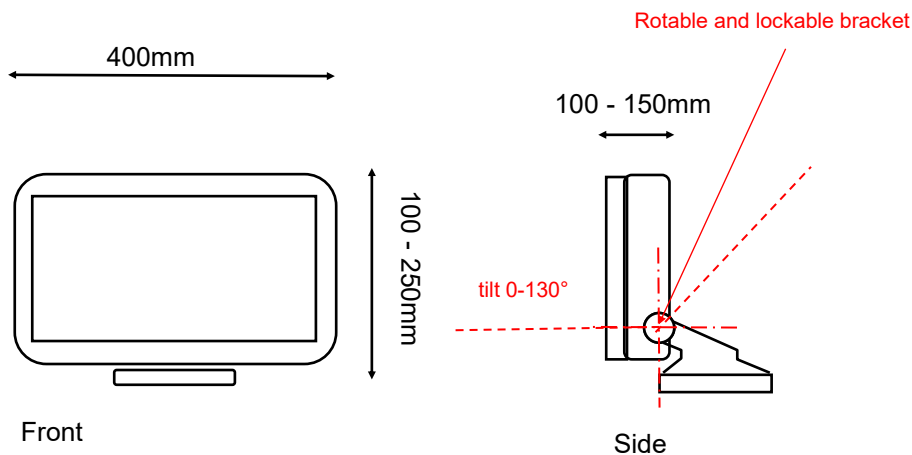
Rated Luminous Flux (lumen): **4900lm**

Input voltage: **220-240V 50/60Hz**

Connection: **waterproof connectors**

Power consumption: **50W**

Control: **DMX with remote DATA/SUPPLY item**



Light fitting Housing:
Die cast aluminium
RAL powder coated finish
Marine/salt treatment

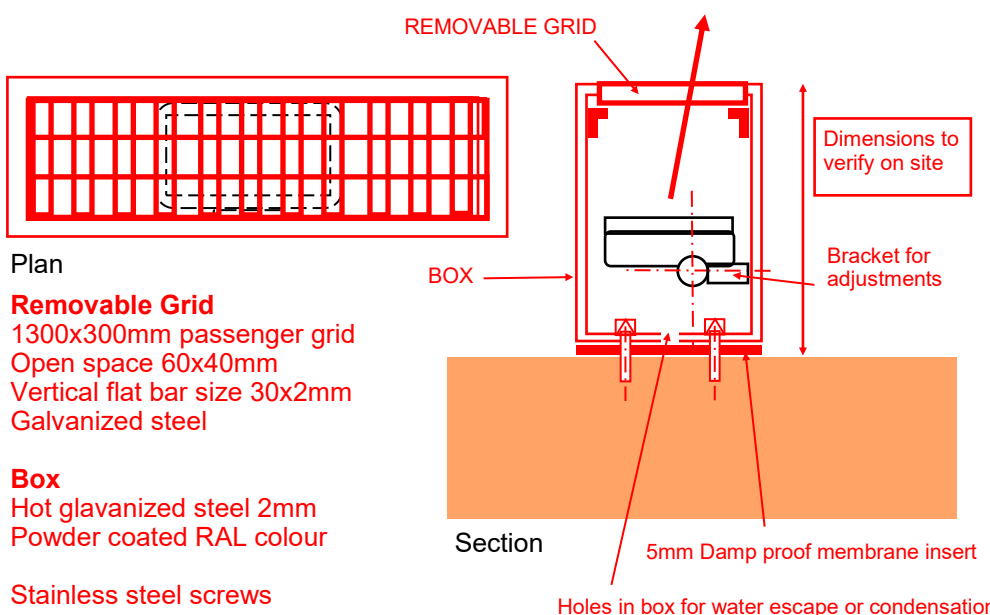
Lens: **Clear tempered glass**

Installation: **Surface mounted**

Box: **2mm steel plate hot galvanized steel after manufacture. Powder coated paint RAL colour**

Grid: **Galvanized steel**

Screws: **All screws stainless steel**



Plan

Removable Grid
1300x300mm passenger grid
Open space 60x40mm
Vertical flat bar size 30x2mm
Galvanized steel

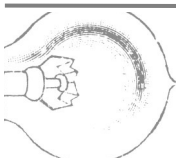
Box
Hot galvanized steel 2mm
Powder coated RAL colour

Stainless steel screws

Notes:
**Remote
DMX CONTROL
(Ethernet environment)**

Luminaire to be provided with all
necessary installation accessories:

- **brackets**
- **fixings**



Franck Franjou

Plasticien de l'Environnement Nocturne
7, rue du Pont Rouge F-77140 Nemours, France
Tel: 00 33 1 64 29 42 57
f.franjou@wanadoo.fr

Purpose of Issue:

Tender

Date/Revision:

2021/08/27

Type:

F06B

Luminaire Specification Sheet

Project Title:
Location:

MOSTA BASILICA
CHURCH

Type: **Adjustable surface mounted light fitting**

Finish: **RAL colour**

Protection rating: **IP66**
Mechanical impact: **IK07**

Optical distribution / Beam angle: **60°**

Luminaire Lifetime: **60.000hrs**

Certifications: **CE**

Warranty: **10 years** (5 years + 5 years extension contract)
Corrosion resistance: **Complies with ASTM B117 standard**
Vibration resistance: **Complies with ANSI C136.31 3G**

Light Source Type: **LED**

Light Source Colour (KELVIN): **RGBA**

Light Source Rendering (CRI): **not applicable**

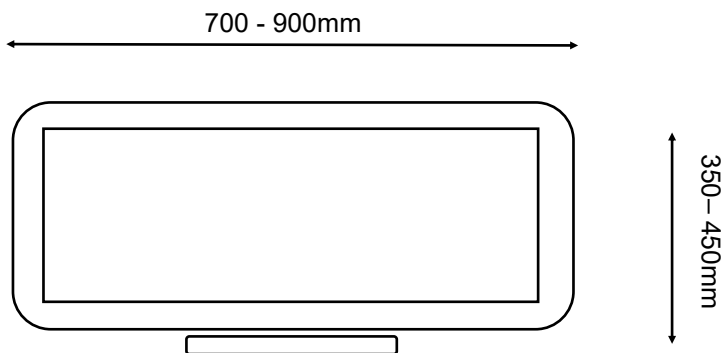
Rated Luminous Flux (lumen): **4990lm**

Input voltage: **220-240V 50/60Hz**

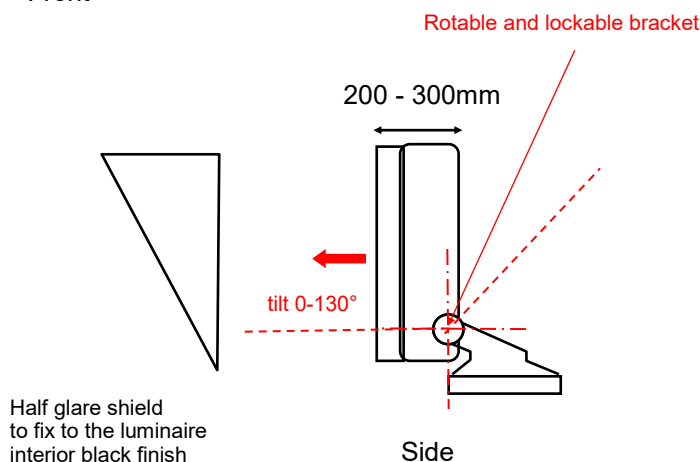
Connection: **waterproof connectors**

Power consumption: **130W**

Control: **DMX with remote DATA/SUPPLY item**



Front



IP65 remote DATA DMX SUPPLY

Housing:
Die-cast aluminium
RAL Powder-coated finish
Marine/salt treatment

Lens: **Clear tempered glass**

Galvanized steel bracket
Stainless steel screws

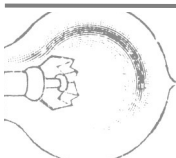
Accessories: **Half glare Shield**

Installation: **Surface mounted**

Notes:
Remote
DMX CONTROL
(Ethernet environment)

Luminaire to be provided with all
necessary installation accessories:

- **brackets**
- **fixings**



Franck Franjou

Plasticien de l'Environnement Nocturne
7, rue du Pont Rouge F-77140 Nemours, France
Tel: 00 33 1 64 29 42 57
f.franjou@wanadoo.fr

Purpose of Issue:

Tender

Date/Revision:

2021/08/27

Type:

F07

Luminaire Specification Sheet

Project Title:
Location:

MOSTA BASILICA
CHURCH

Type: **Adjustable surface mounted light fitting**

Finish: **RAL colour**

Protection rating: **IP66**
Mechanical impact: **IK07**

Optical distribution / Beam angle: **80°**

Luminaire Lifetime: **60.000hrs**

Certifications: **CE**

Warranty: **10 years** (5 years + 5 years extension contract)
Corrosion resistance: **Complies with ASTM B117 standard**
Vibration resistance: **Complies with ANSI C136.31 3G**

Light Source Type: **LED**

Light Source Colour (KELVIN): **RGBA**

Light Source Rendering (CRI): **not applicable**

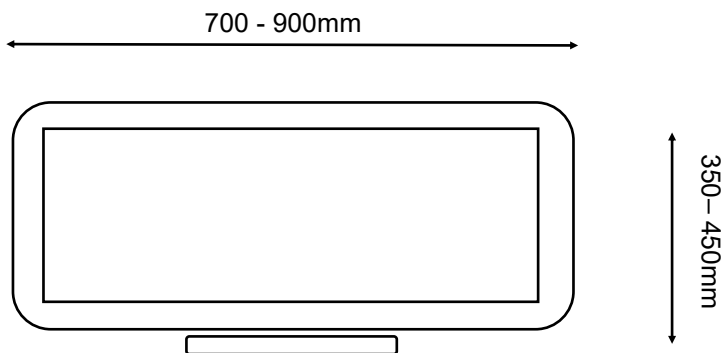
Rated Luminous Flux (lumen): **4990lm**

Input voltage: **220-240V 50/60Hz**

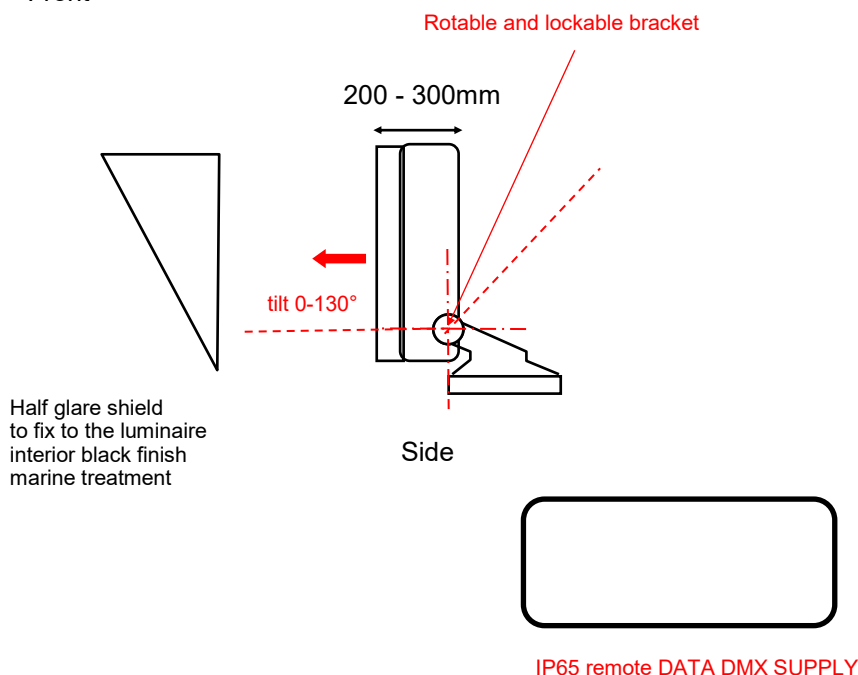
Connection: **waterproof connectors**

Power consumption: **130W**

Control: **DMX with remote DATA/SUPPLY item**



Front



Housing:
Die-cast aluminium
RAL Powder-coated finish
Marine/salt treatment

Lens: Clear tempered glass

galvanized steel bracket
RAL powder coated painting

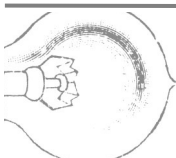
Accessories: Half glare Shield

Installation: Surface mounted

Notes:
**Remote
DMX CONTROL**
(Ethernet environment)

Luminaire to be provided with all
necessary installation accessories:

- brackets
- fixings



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f.franjou@wanadoo.fr

Purpose of Issue:

Tender

Date/Revision:

2021/08/27

Type:

F08

Luminaire Specification Sheet

Project Title:
Location:

MOSTA BASILICA
CHURCH
Roof

Type: **Linear surface mounted LED profile**

Finish: **Aluminium anodized**

Protection rating: **IP65**

Optical distribution / Beam angle: **Diffuser**

Luminaire Lifetime: **60.000hrs**

Certifications: **CE**

Warranty: **10 years** (5 years + 5 years extension contract)

Corrosion resistance: **Complies with ASTM B117 standard**

Vibration resistance: **Complies with ANSI C136.31 3G**

Light Source Type: **LED**

Light Source Colour (KELVIN): **Tunable white
1800K to 3000K**

Light Source Rendering (CRI): **90**

Rated Luminous Flux (lumen): **90lm/W**

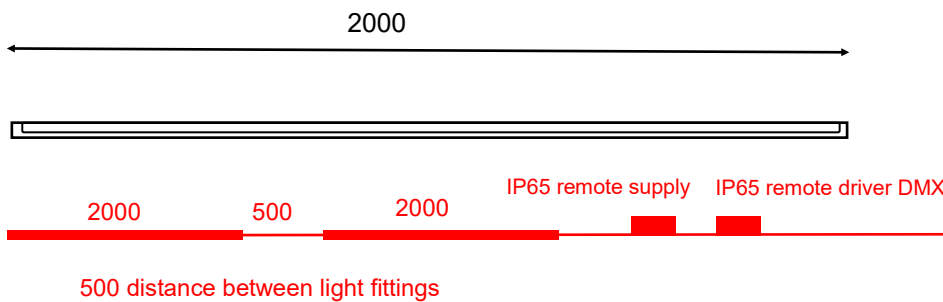
Input voltage: **220-240V 50/60Hz**

Connection: **waterproof connectors**

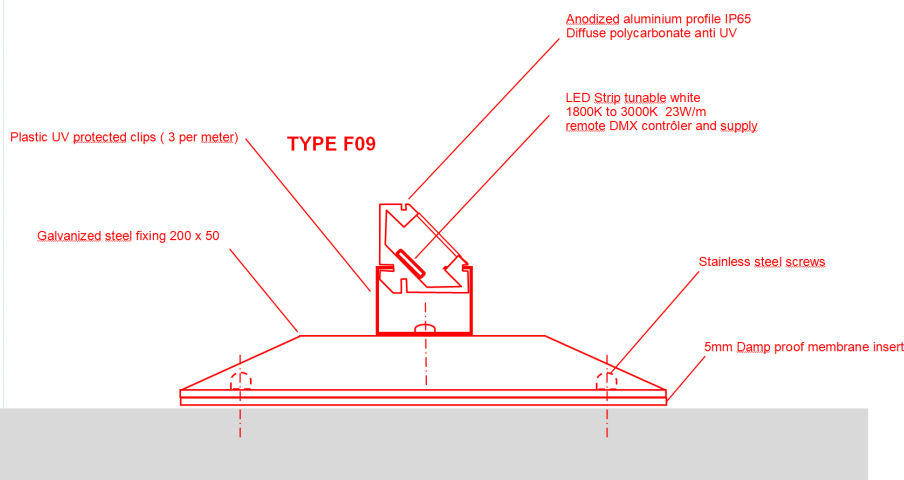
Power consumption: **23W/m**

Control: **DMX**

Prewired light fittings 500mm with IP67 connectors



TYPE F09
SURFACE MOUNTED LINEAR LIGHT FITTING
LENGTH: 2m
Fixing Quantity : 3 for each 2 meter linear LED profile
Tunablewhite 1800K to 3000K
Diffuse anti UV polycarbonate
Remote IP65 Driver
Remote IP65 DMX controller



Profile Housing:
Anodized aluminium
Lens: **UV polycarbonate**

Bracket and fixing plate:
Galvanized steel

Screws:
Stainless steel

Installation:
Surface mounted
Stainless steel screws

Notes:
DMX Remote driver IP65
(Ethernet environment)
IP65 remote supply
Fixing to the stone with steel
brackets and proff mem-
brane

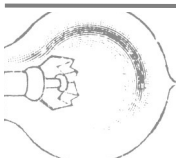
Light fittings to be provided with all
necessary installation accessories
and wiring between the 2m length
units.



IP65 remote driver DMX



IP65 remote supply



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Plasticien de l'Environnement Nocturne
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Tel: 00 33 1 64 29 42 57
f.franjou@wanadoo.fr

Purpose of Issue:

Date/Revision:

Tender

2021/08/27

Type:

F09

Luminaire Specification Sheet

Project Title:
Location:

MOSTA BASILICA
CHURCH
Roof

Type: **Adjustable surface mounted light fitting**

Finish: **RAL colour**

Protection rating: **IP66**
Mechanical impact: **IK10**

Optical distribution / Beam angle: **80°**

Luminaire Lifetime: **60.000hrs**

Certifications: **CE**

Warranty: **10 years** (5 years + 5 years extension contract)

Corrosion resistance: **Complies with ASTM B117 standard**

Vibration resistance: **Complies with ANSI C136.31 3G**

Light Source Type: **LED**

Light Source Colour (KELVIN): **RGBA**

Light Source Rendering (CRI): **not applicable**

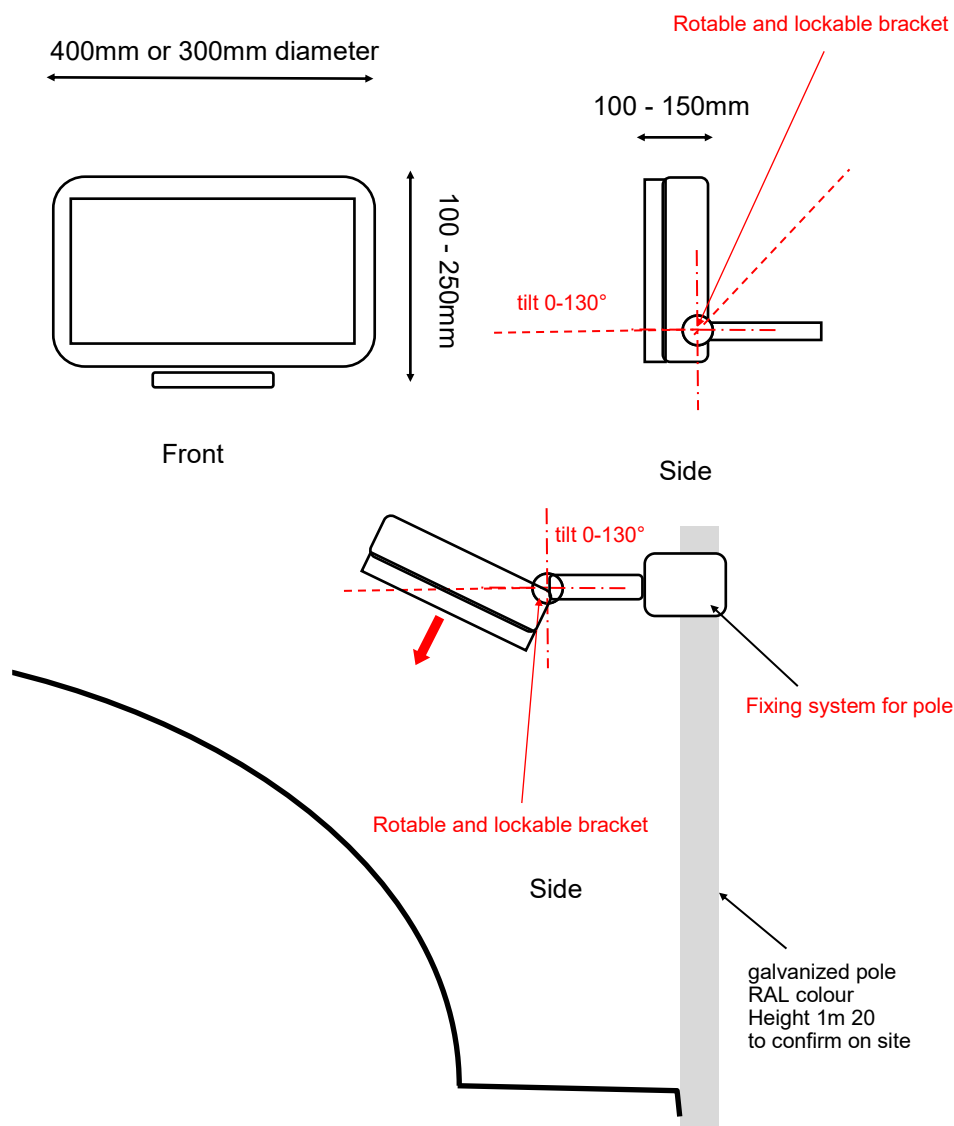
Rated Luminous Flux (lumen): **3000lm**

Input voltage: **220-240V 50/60Hz**

Connection: **waterproof connectors**

Power consumption: **50W**

Control: **DMX with remote DATA/SUPPLY item**



Housing:
Die cast aluminium
RAL powder coated finish
Marine/salt treatment

Lens: **Clear tempered glass**

Dimensions: see sidebar

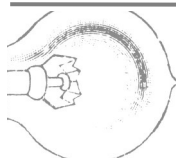
galvanized steel bracket
RAL powder coated painting

Installation: **Pole mounted**

Notes:
Remote
DMX CONTROL
(Ethernet environment)

Luminaire to be provided with all
necessary installation accessories:

- **brackets**
- **fixings**



Franck Franjou

Plasticien de l'Environnement Nocturne
7, rue du Pont Rouge F-77140 Nemours, France
Tel: 00 33 1 64 29 42 57
f.franjou@wanadoo.fr

Purpose of Issue:

Tender

Date/Revision:

2021/08/27

Type:

F10

Luminaire Specification Sheet

Project Title:
Location:

MOSTA BASILICA
CHURCH

Type: **Linear adjustable surface mounted light fitting**

Finish: **RAL colour**

Protection rating: **IP66**
Mechanical impact: **IK10**

Optical distribution / Beam angle: **15°x30°**

Luminaire Lifetime: **60.000hrs**

Certifications: **CE**

Warranty: **10 years** (5 years + 5 years extension contract)
Corrosion resistance: **Complies with ASTM B117 standard**
Vibration resistance: **Complies with ANSI C136.31 3G**

Light Source Type: **LED**

Light Source Colour (KELVIN): **3000K**

Light Source Rendering (CRI): **82**

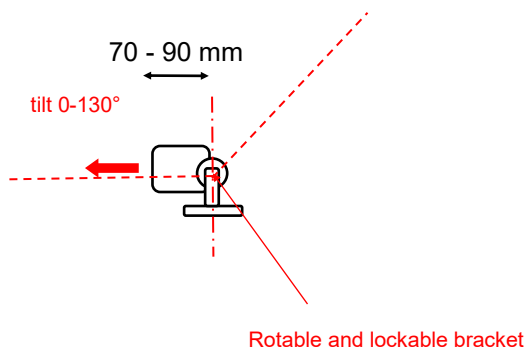
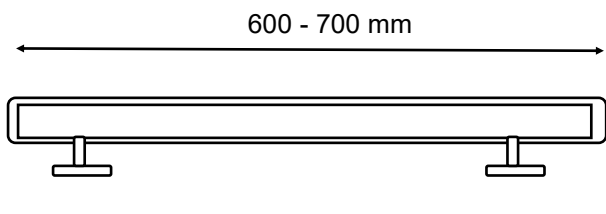
Rated Luminous Flux (lumen): **3000lm**

Input voltage: **220-240V 50/60Hz**

Connection: **waterproof connectors**

Power consumption: **40W**

Control: **DMX with remote DATA/SUPPLY item**



Housing:
Extruded anodized aluminium

Lens: Clear UV protected carbonate

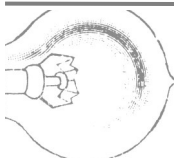
Galvanized steel bracket
Stainless steel screws

Installation: Surface mounted

Notes:
**Remote
DMX CONTROL**
(Ethernet environment)

Luminaire to be provided with all
necessary installation accessories:

- brackets
- fixings



Franck Franjou

Plasticien de l'Environnement Nocturne
7, rue du Pont Rouge F-77140 Nemours, France
Tel: 00 33 1 64 29 42 57
f.franjou@wanadoo.fr

Purpose of Issue:

Tender

Date/Revision:

2021/08/27

Type:

F11

Luminaire Specification Sheet

Project Title:
Location:

**MOSTA BASILICA
CHURCH**

Type: **Linear adjustable surface mounted light fitting**

Finish: **RAL colour**

Protection rating: **IP66**
Mechanical impact: **IK10**

Optical distribution / Beam angle: **9°x 9°**

Luminaire Lifetime: **60.000hrs**

Certifications: **CE**

Warranty: **10 years** (5 years + 5 years extension contract)

Corrosion resistance: **Complies with ASTM B117 standard**

Vibration resistance: **Complies with ANSI C136.31 3G**

Light Source Type: **LED**

Light Source Colour (KELVIN): **2700K**

Light Source Rendering (CRI): **82**

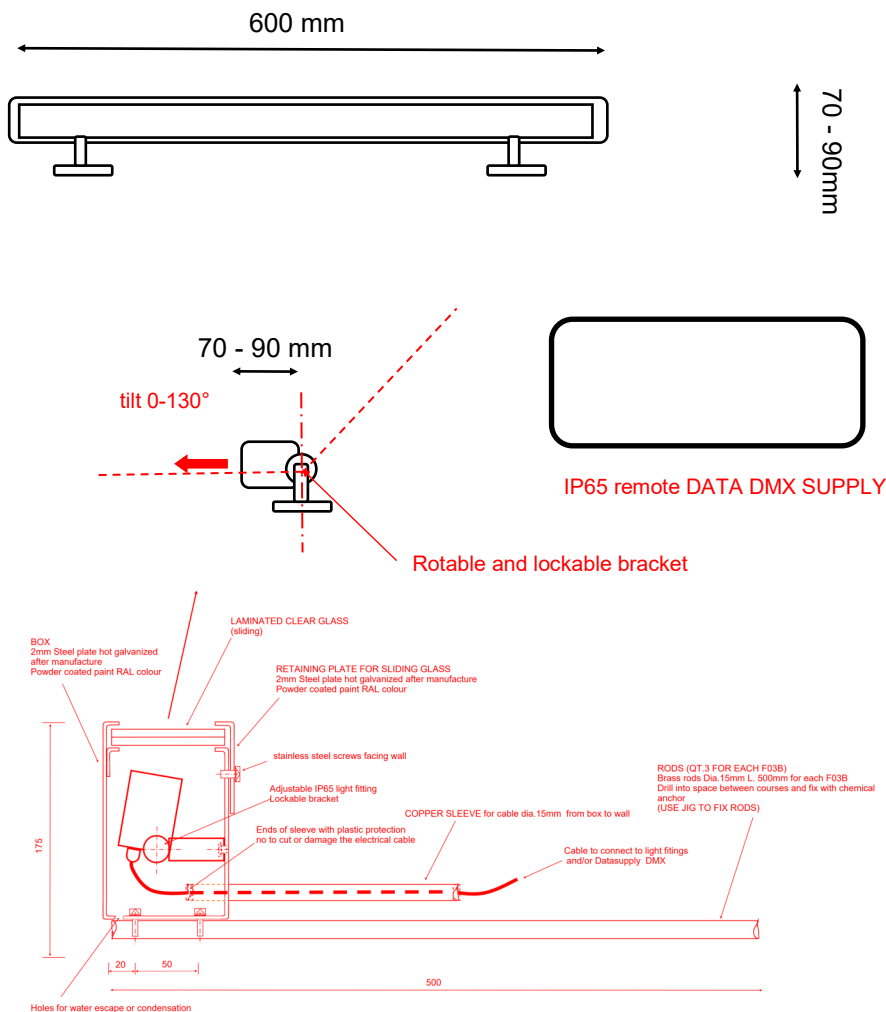
Rated Luminous Flux (lumen): **2500lm**

Input voltage: **220-240V 50/60Hz**

Connection: **waterproof connectors**

Power consumption: **40W**

Control: **DMX with remote DATA/SUPPLY item**



Light fitting housing:
Extruded anodized aluminium

Lens: **Clear UV protected carbonate**
galvanized steel basket
RAL powder coated painting

Installation: **Surface mounted**

Box: **2mm steel plate hot galvanized after manufacture. Powder coated paint RAL colour**

Glass: **laminated clear glass**

Fixing: **Brass rods dia. 15mm**

Cable protection: **Copper sleeve dia. 15mm with plastic end protection to not cut the cable**

Retaining plate for sliding glass:
2mm steel plate hot galvanized after manufacture. Powder coated paint RAL colour

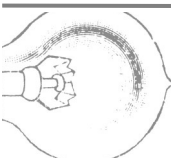
Screws: **All screws stainless steel**

Notes: Remote DMX CONTROL

Luminaire to be provided with all
necessary installation accessories:

- **brackets**
- **fixings**

TYPE F12B SURFACE MOUNTED LINEAR LIGHT FITTING IN BOX Remote IP65 DMX Datasupply/controler



Franck Franjou
Plasticien de l'Environnement Nocturne
7, rue du Pont Rouge F-77140 Nemours, France
Tel: 00 33 1 64 29 42 57
f.franjou@wanadoo.fr

Purpose of Issue:

Tender

Date/Revision:

2021/08/27

Type:

F12B

Luminaire Specification Sheet

Project Title:
Location:

MOSTA BASILICA
PIAZZA

Type: **Adjustable surface mounted light fitting**

Finish: **Silver grey finish**

Protection rating: **IP66**

Mechanical impact: **IK07**

Optical distribution / Beam angle: **30°**

Luminaire Lifetime: **60.000hrs**

Certifications: **CE**

Warranty: **10 years** (5 years + 5 years extension contract)

Corrosion resistance: **Complies with ASTM B117 standard**

Vibration resistance: **Complies with ANSI C136.31 3G**

Light Source Type: **LED**

Light Source Colour (KELVIN): **RGBA**

Light Source Rendering (CRI): **not applicable**

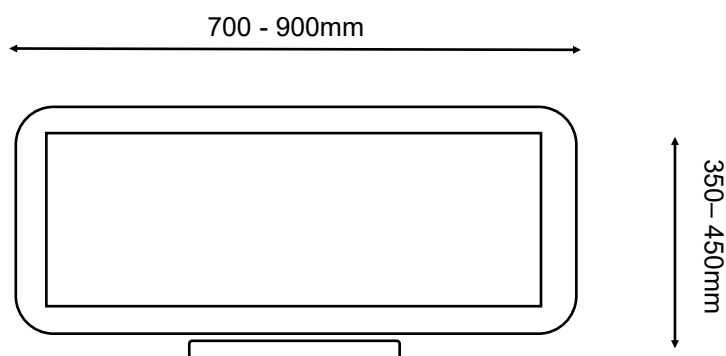
Rated Luminous Flux (lumen): **4900lm**

Input voltage: **220-240V 50/60Hz**

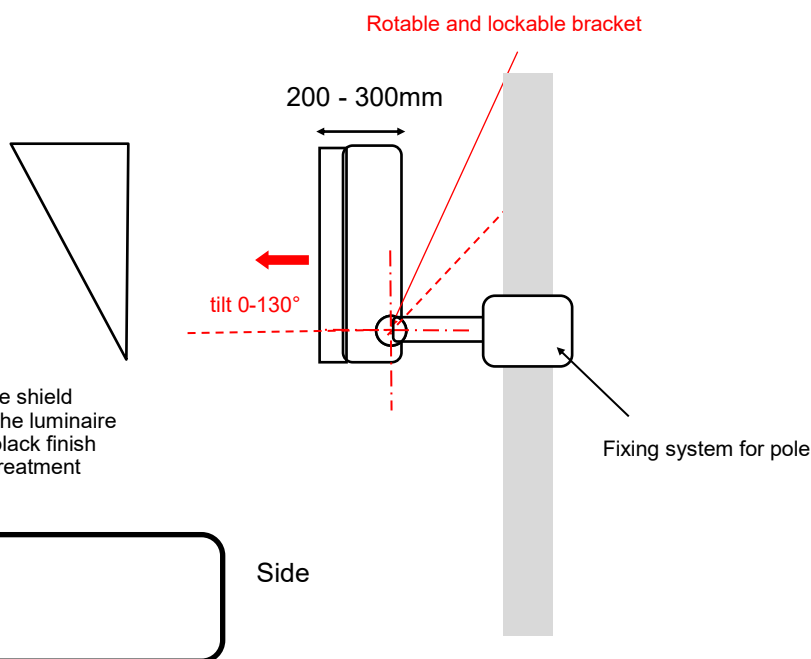
Connection: **waterproof connectors**

Power consumption: **130W**

Control: **DMX with remote DATA/SUPPLY item**



Front



Half glare shield
to fix to the luminaire
interior black finish
marine treatment

Side

IP65 remote DATA DMX SUPPLY

Housing:
Die-cast aluminium
Powder-coated finish
Marine treatment

Lens: Clear tempered glass

Galvanized steel bracket
Stainless steel screws
Fixing for pole

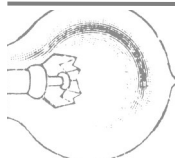
Accessories: Half glare Shield

Installation: Pole mounted
(new pole)

Notes:
**Remote
DMX CONTROL**
(Ethernet environment)

Luminaire to be provided with all
necessary installation accessories:

- brackets
- fixings



Franck Franjou

Plasticien de l'Environnement Nocturne
7, rue du Pont Rouge F-77140 Nemours, France
Tel: 00 33 1 64 29 42 57
f.franjou@wanadoo.fr

Purpose of Issue:

Tender

Date/Revision:

2021/08/27

Type:

F13

Luminaire Specification Sheet

Project Title:
Location:

MOSTA BASILICA
Third partie roof

Type: **Adjustable surface mounted light fitting**

Finish: **Silver grey finish**

Protection rating: **IP66**

Mechanical impact: **IK07**

Optical distribution / Beam angle: **30°**

Luminaire Lifetime: **60.000hrs**

Certifications: **CE**

Warranty: **10 years** (5 years + 5 years extension contract)

Corrosion resistance: **Complies with ASTM B117 standard**

Vibration resistance: **Complies with ANSI C136.31 3G**

Light Source Type: **LED**

Light Source Colour (KELVIN): **RGBA**

Light Source Rendering (CRI): **not applicable**

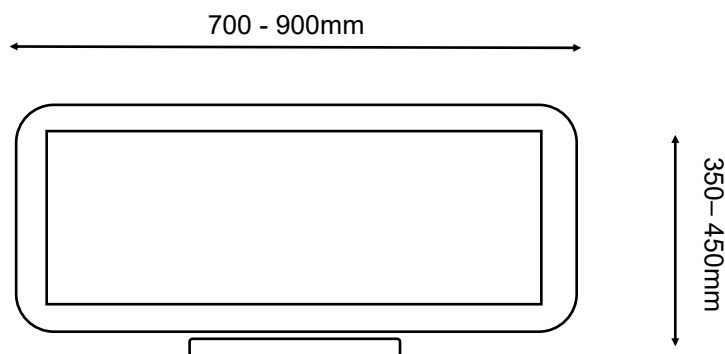
Rated Luminous Flux (lumen): **4990lm**

Input voltage: **220-240V 50/60Hz**

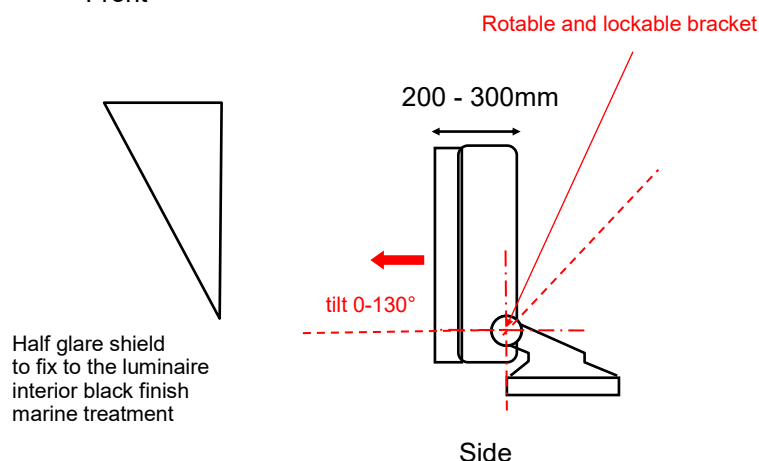
Connection: **waterproof connectors**

Power consumption: **130W**

Control: **DMX with remote DATA/SUPPLY item**



Front



Half glare shield
to fix to the luminaire
interior black finish
marine treatment



IP65 remote DATA DMX SUPPLY

Housing:
Die-cast aluminium
Powder-coated finish
Marine treatment

Lens: **Clear tempered glass**

galvanized steel bucket
RAL powder coated painting

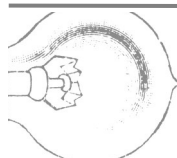
Accessories: **Half glare Shield**

Installation: **Surface mounted**

Notes:
Remote
DMX CONTROL
(Ethernet environment)

Luminaire to be provided with all
necessary installation accessories:

- **brackets**
- **fixings**



Franck Franjou

Plasticien de l'Environnement Nocturne
7, rue du Pont Rouge F-77140 Nemours, France
Tel: 00 33 1 64 29 42 57
f.franjou@wanadoo.fr

Purpose of Issue:

Tender

Date/Revision:

2021/08/27

Type:

F13A

Luminaire Specification Sheet

Project Title:
Location:

MOSTA BASILICA
PIAZZA

Type: **Adjustable surface mounted light fitting**

Finish: **RAL colour**

Protection rating: **IP66**
Mechanical impact: **IK10**

Optical distribution / Beam angle: **30°**

Luminaire Lifetime: **60.000hrs**

Certifications: **CE**

Warranty: **10 years** (5 years + 5 years extension contract)

Corrosion resistance: **Complies with ASTM B117 standard**

Vibration resistance: **Complies with ANSI C136.31 3G**

Light Source Type: **LED**

Light Source Colour (KELVIN): **RGBA**

Light Source Rendering (CRI): **not applicable**

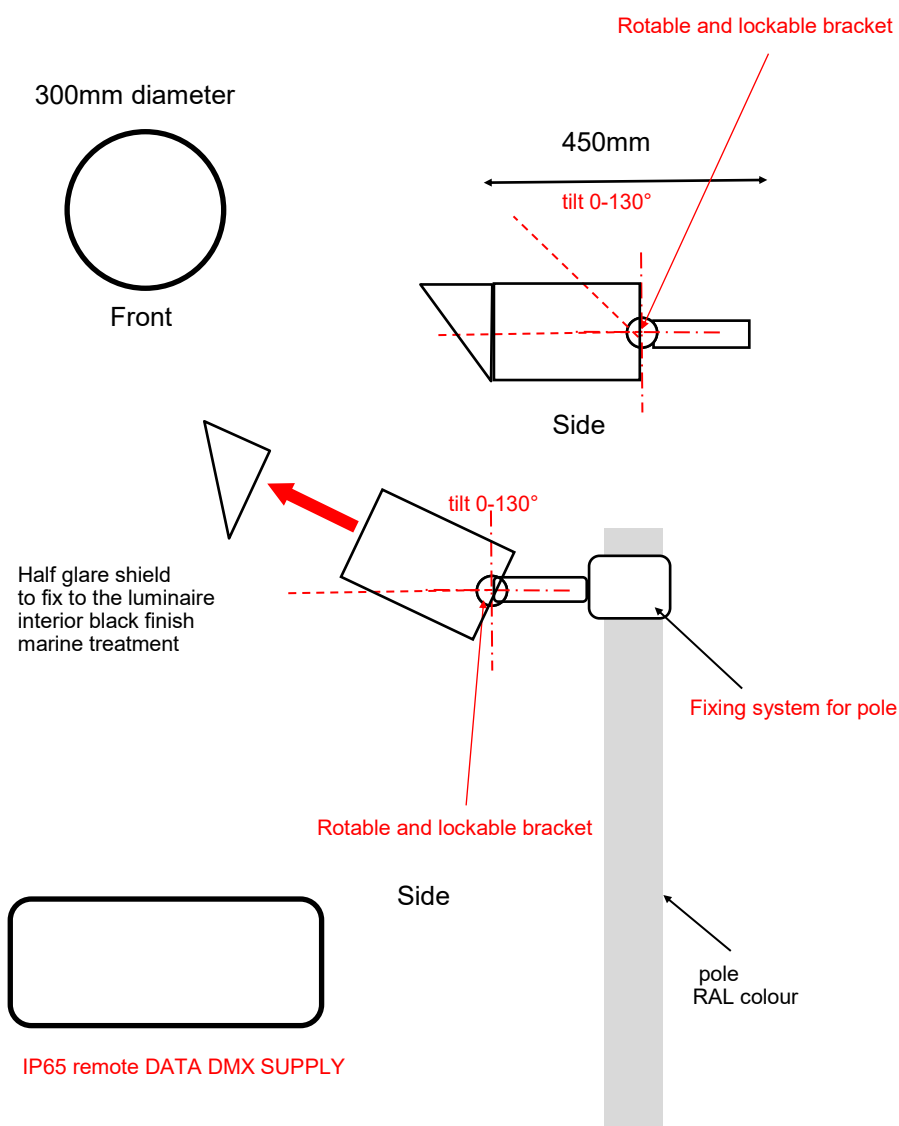
Rated Luminous Flux (lumen): **3000lm**

Input voltage: **220-240V 50/60Hz**

Connection: **waterproof connectors**

Power consumption: **50W**

Control: **DMX with remote DATA/SUPPLY item**



Housing:
Die cast aluminium
RAL powder coated finish
Marine/salt treatment

Lens: Clear tempered glass

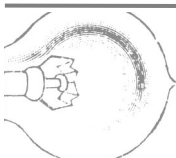
galvanized steel bracket
RAL powder coated painting

Installation: Pole mounted

Notes:
**Remote
DMX CONTROL**
(Ethernet environment)

Luminaire to be provided with all
necessary installation accessories:

- brackets
- fixings



Franck Franjou

Plasticien de l'Environnement Nocturne
7, rue du Pont Rouge F-77140 Nemours, France
Tel: 00 33 1 64 29 42 57
f.franjou@wanadoo.fr

Purpose of Issue:

Tender

Date/Revision:

2021/08/27

Type:

F14

Luminaire Specification Sheet

Project Title:
Location:

MOSTA BASILICA
PIAZZA

Type: **Adjustable surface mounted light fitting**

Finish: **RAL colour**

Protection rating: **IP66**

Mechanical impact: **IK10**

Optical distribution / Beam angle: **10°**

Luminaire Lifetime: **60.000hrs**

Certifications: **CE**

Warranty: **10 years** (5 years + 5 years extension contract)

Corrosion resistance: **Complies with ASTM B117 standard**

Vibration resistance: **Complies with ANSI C136.31 3G**

Light Source Type: **LED**

Light Source Colour (KELVIN): **3000K**

Light Source Rendering (CRI): **82**

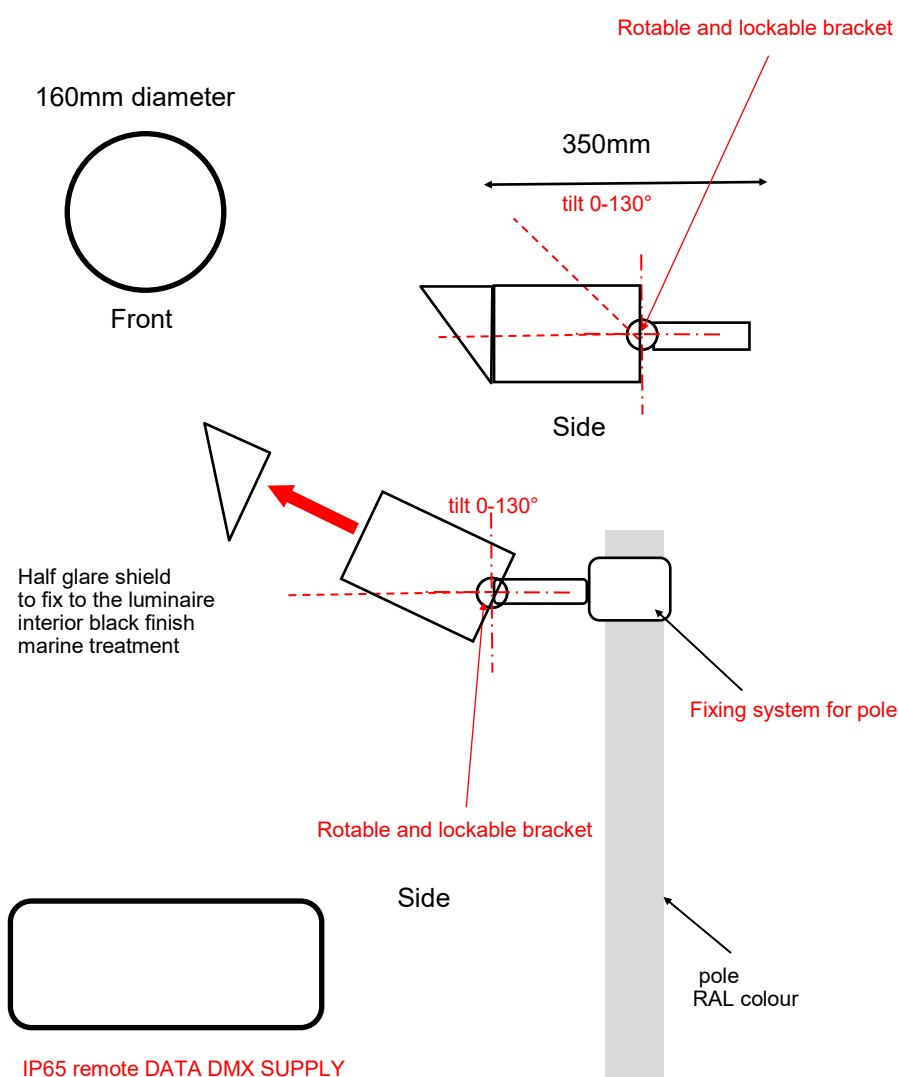
Rated Luminous Flux (lumen): **3500lm**

Input voltage: **220-240V 50/60Hz**

Connection: **waterproof connectors**

Power consumption: **35W**

Control: **DMX with remote DATA/SUPPLY item**



Housing:
Die cast aluminium
RAL powder coated finish
Marine/salt treatment

Lens: **Clear tempered glass**

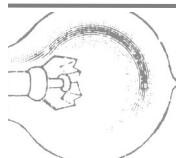
galvanized steel bracket
RAL powder coated painting

Installation: **Pole mounted**

Notes:
Remote
DMX CONTROL
(Ethernet environment)

Luminaire to be provided with all
necessary installation accessories:

- **brackets**
- **fixings**



Franck Franjou

Plasticien de l'Environnement Nocturne
7, rue du Pont Rouge F-77140 Nemours, France
Tel: 00 33 1 64 29 42 57
f.franjou@wanadoo.fr

Purpose of Issue:

Tender

Date/Revision:

2021/08/27

Type:

F15

Luminaire Specification Sheet

Project Title:
Location:

MOSTA BASILICA
PIAZZA

Type: **Adjustable surface mounted light fitting**

Finish: **RAL colour**

Protection rating: **IP66**
Mechanical impact: **IK10**

Optical distribution / Beam angle: **5°**

Luminaire Lifetime: **60.000hrs**

Certifications: **CE**

Warranty: **10 years** (5 years + 5 years extension contract)

Corrosion resistance: **Complies with ASTM B117 standard**

Vibration resistance: **Complies with ANSI C136.31 3G**

Light Source Type: **LED**

Light Source Colour (KELVIN): **3000K**

Light Source Rendering (CRI): **82**

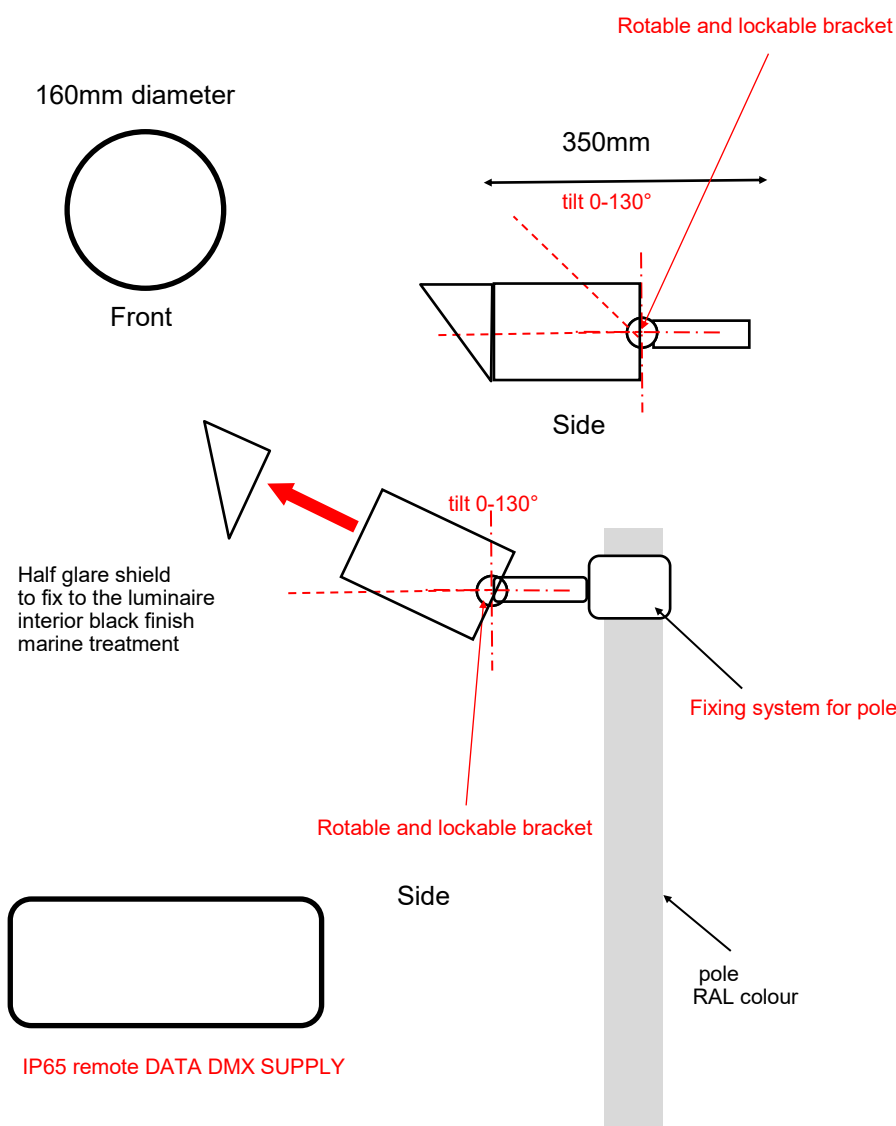
Rated Luminous Flux (lumen): **3500lm**

Input voltage: **220-240V 50/60Hz**

Connection: **waterproof connectors**

Power consumption: **35W**

Control: **DMX with remote DATA/SUPPLY item**



Housing:
Die cast aluminium
RAL powder coated finish
Marine/salt treatment

Lens: Clear tempered glass

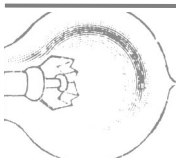
galvanized steel bracket
RAL powder coated painting

Installation: Pole mounted

Notes:
**Remote
DMX CONTROL**
(Ethernet environment)

Luminaire to be provided with all
necessary installation accessories:

- brackets
- fixings



Franck Franjou

Plasticien de l'Environnement Nocturne
7, rue du Pont Rouge F-77140 Nemours, France
Tel: 00 33 1 64 29 42 57
f.franjou@wanadoo.fr

Purpose of Issue:

Tender

Date/Revision:

2021/08/27

Type:

F16

Luminaire Specification Sheet

Project Title:
Location:

MOSTA BASILICA
PIAZZA

Type: **Adjustable surface mounted light fitting**

Finish: **RAL colour**

Protection rating: **IP66**
Mechanical impact: **IK10**

Optical distribution / Beam angle: **15°**

Luminaire Lifetime: **60.000hrs**

Certifications: **CE**

Warranty: **10 years** (5 years + 5 years extension contract)
Corrosion resistance: **Complies with ASTM B117 standard**
Vibration resistance: **Complies with ANSI C136.31 3G**

Light Source Type: **LED**

Light Source Colour (KELVIN): **3000K**

Light Source Rendering (CRI): **82**

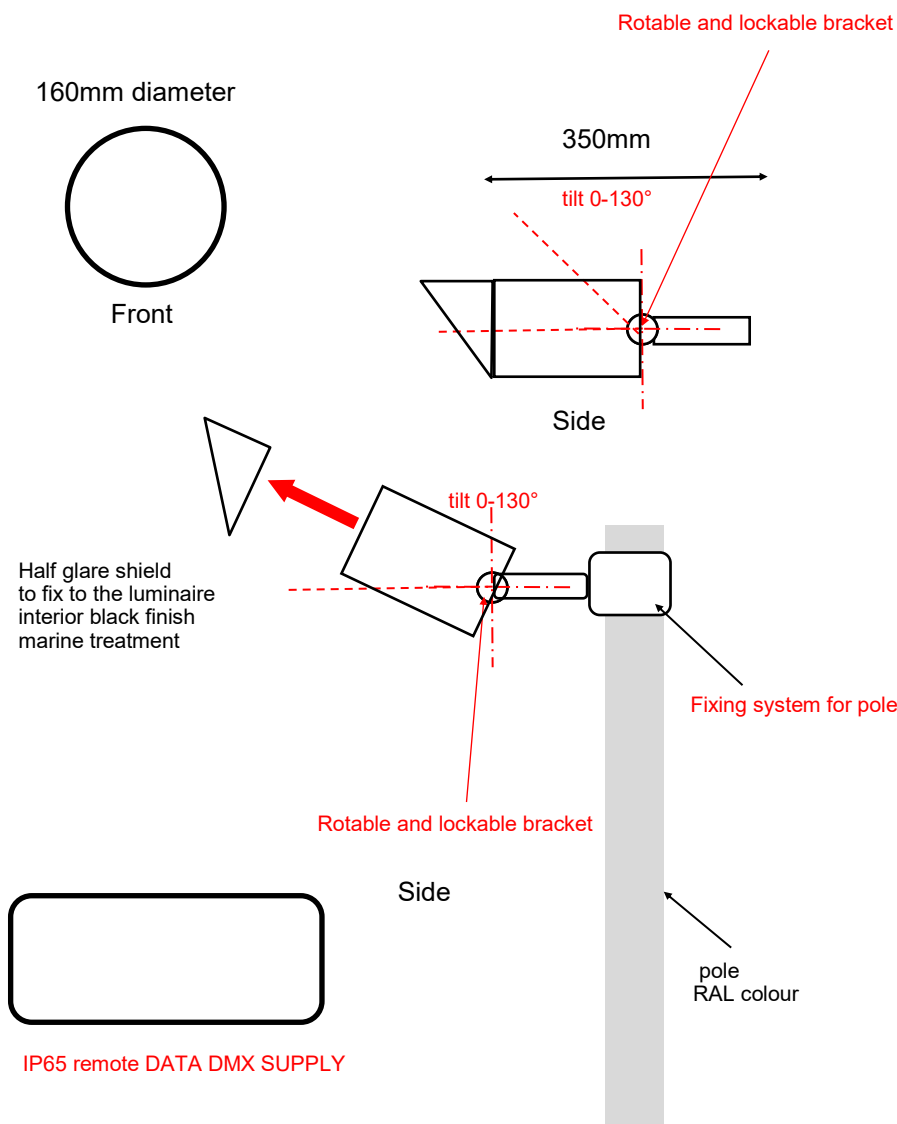
Rated Luminous Flux (lumen): **3500lm**

Input voltage: **220-240V 50/60Hz**

Connection: **waterproof connectors**

Power consumption: **35W**

Control: **DMX with remote DATA/SUPPLY item**



Housing:
Die cast aluminium
RAL powder coated finish
Marine/salt treatment

Lens: Clear tempered glass

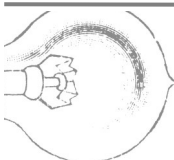
galvanized steel bracket
RAL powder coated painting

Installation: Pole mounted

Notes:
**Remote
DMX CONTROL**
(Ethernet environment)

Luminaire to be provided with all necessary installation accessories:

- brackets
- fixings



Franck Franjou

Plasticien de l'Environnement Nocturne
7, rue du Pont Rouge F-77140 Nemours, France
Tel: 00 33 1 64 29 42 57
f.franjou@wanadoo.fr

Purpose of Issue:

Date/Revision:

Tender

2021/08/27

Type:

F17

Luminaire Specification Sheet

Project Title:
Location:

MOSTA BASILICA
PORTICO

Type: **Adjustable surface mounted light fitting**

Finish: **RAL colour**

Protection rating: **IP66**
Mechanical impact: **IK10**

Optical distribution / Beam angle: **15°**

Luminaire Lifetime: **60.000hrs**

Certifications: **CE**

Warranty: **10 years** (5 years + 5 years extension contract)

Corrosion resistance: **Complies with ASTM B117 standard**

Vibration resistance: **Complies with ANSI C136.31 3G**

Light Source Type: **LED**

Light Source Colour (KELVIN): **3000K**

Light Source Rendering (CRI): **82**

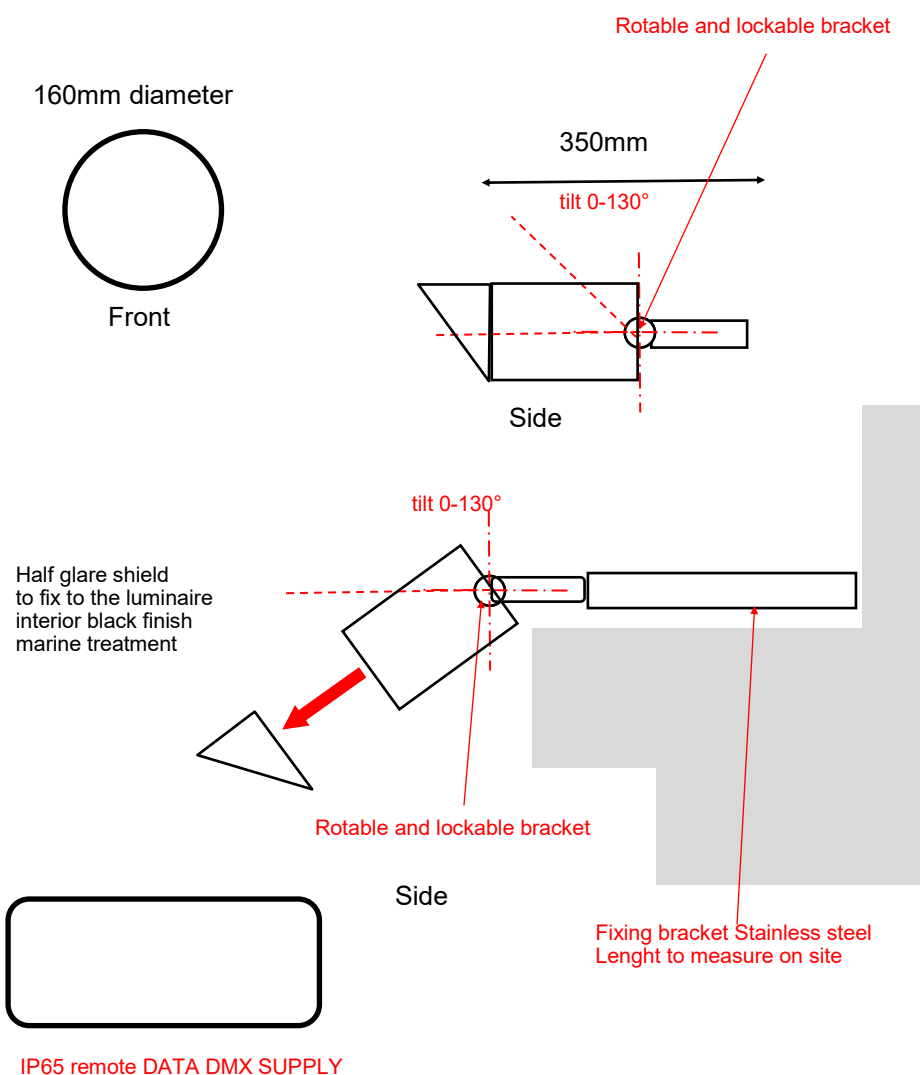
Rated Luminous Flux (lumen): **3500lm**

Input voltage: **220-240V 50/60Hz**

Connection: **waterproof connectors**

Power consumption: **35W**

Control: **DMX with remote DATA/SUPPLY item**



Housing:
Die cast aluminium
RAL powder coated finish
Marine/salt treatment

Lens: **Clear tempered glass**

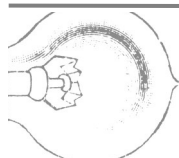
galvanized steel bracket
RAL powder coated painting

Installation: **Pole mounted**

Notes:
Remote
DMX CONTROL
(Ethernet environment)

Luminaire to be provided with all necessary installation accessories:

- **brackets**
- **fixings**



Franck Franjou

Plasticien de l'Environnement Nocturne
7, rue du Pont Rouge F-77140 Nemours, France
Tel: 00 33 1 64 29 42 57
f.franjou@wanadoo.fr

Purpose of Issue:

Tender

Date/Revision:

2021/08/27

Type:

F17A

Luminaire Specification Sheet

Project Title:
Location:

MOSTA BASILICA
PIAZZA

Type: **Adjustable surface mounted light fitting**

Finish: **RAL colour**

Protection rating: **IP66**
Mechanical impact: **IK10**

Optical distribution / Beam angle: **30°**

Luminaire Lifetime: **60.000hrs**

Certifications: **CE**

Warranty: **10 years** (5 years + 5 years extension contract)
Corrosion resistance: **Complies with ASTM B117 standard**
Vibration resistance: **Complies with ANSI C136.31 3G**

Light Source Type: **LED**

Light Source Colour (KELVIN): **3000K**

Light Source Rendering (CRI): **82**

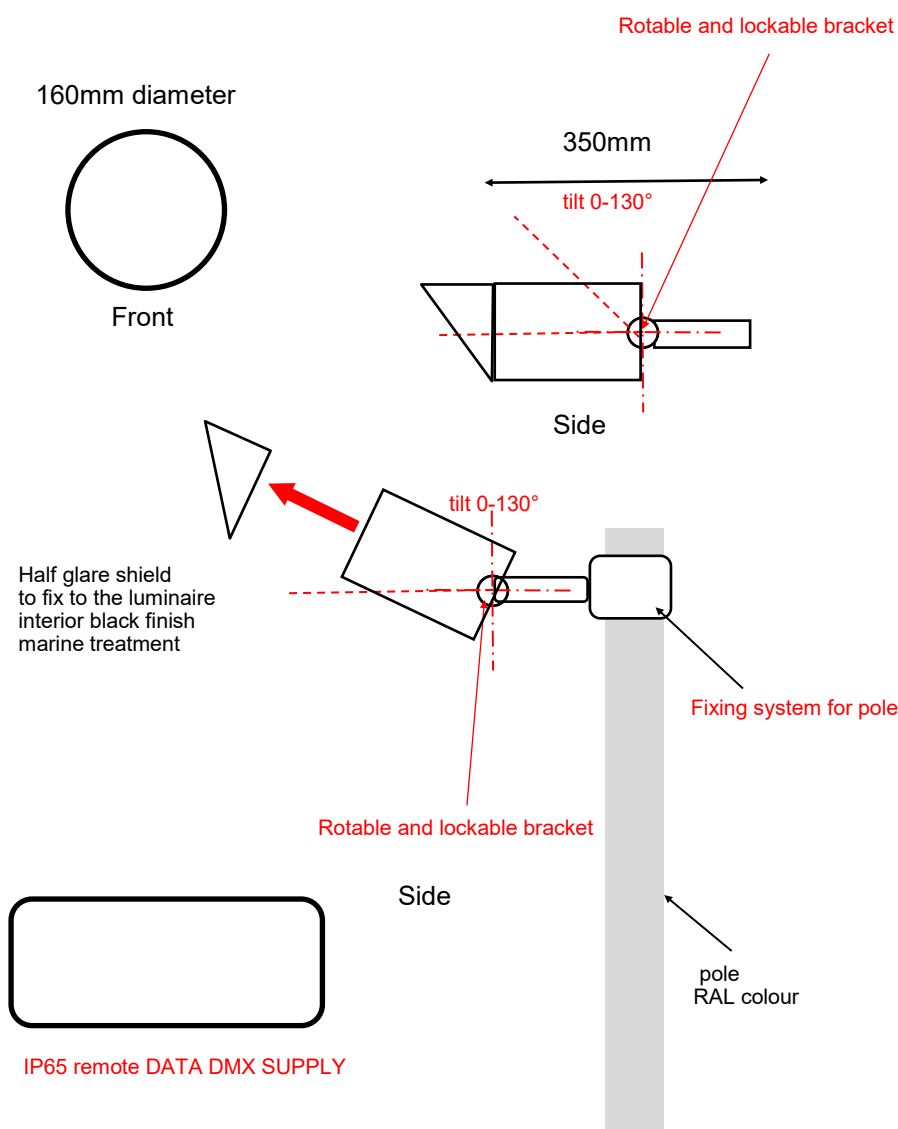
Rated Luminous Flux (lumen): **3500lm**

Input voltage: **220-240V 50/60Hz**

Connection: **waterproof connectors**

Power consumption: **35W**

Control: **DMX with remote DATA/SUPPLY item**



Housing:
Die cast aluminium
RAL powder coated finish
Marine/salt treatment

Lens: Clear tempered glass

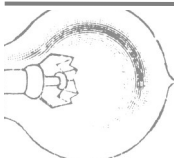
galvanized steel bracket
RAL powder coated painting

Installation: Pole mounted

Notes:
**Remote
DMX CONTROL
(Ethernet environment)**

Luminaire to be provided with all
necessary installation accessories:

- brackets
- fixings



Franck Franjou

Plasticien de l'Environnement Nocturne
7, rue du Pont Rouge F-77140 Nemours, France
Tel: 00 33 1 64 29 42 57
f.franjou@wanadoo.fr

Purpose of Issue:

Tender

Date/Revision:

2021/08/27

Type:

F18

Luminaire Specification Sheet

Project Title:
Location:

MOSTA BASILICA
CHURCH
Portico

Type: **Adjustable surface mounted light fitting**

Finish: **Silver grey finish**

Protection rating: **IP66**

Mechanical impact: **IK07**

Optical distribution / Beam angle: **60°**

Luminaire Lifetime: **60.000hrs**

Certifications: **CE**

Warranty: **10 years** (5 years + 5 years extension contract)

Corrosion resistance: **Complies with ASTM B117 standard**

Vibration resistance: **Complies with ANSI C136.31 3G**

Light Source Type: **LED**

Light Source Colour (KELVIN): **2700K**

Light Source Rendering (CRI): **82**

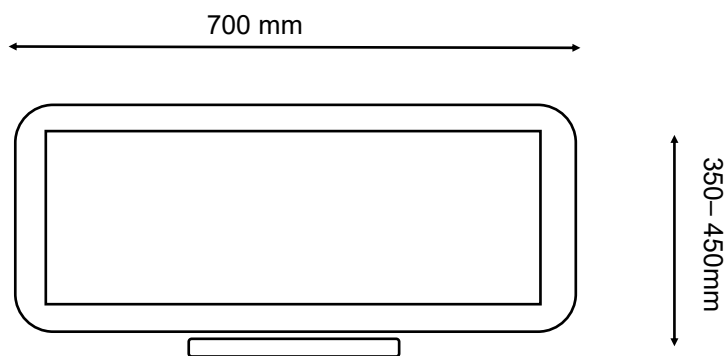
Rated Luminous Flux (lumen): **6500lm**

Input voltage: **220-240V 50/60Hz**

Connection: **waterproof connectors**

Power consumption: **130W**

Control: **DMX with remote DATA/SUPPLY item**



Front

Housing:
Die-cast aluminium
Powder-coated finish
Marine treatment

Lens: Clear tempered glass

Galvanized steel bracket
Stainless steel screws

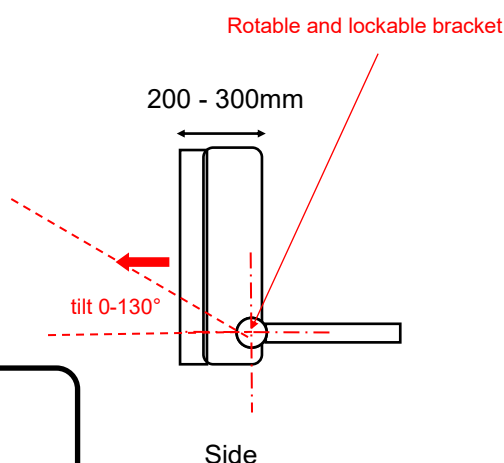
Accessories: Half glare Shield

Installation: Surface mounted

Notes:
**Remote
DMX CONTROL**
(Ethernet environment)

Luminaire to be provided with all
necessary installation accessories:

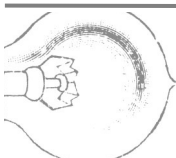
- brackets
- fixings



Side



IP65 remote DATA DMX SUPPLY



Franck Franjou

Platicien de l'Environnement Nocturne
7, rue du Pont Rouge F-77140 Nemours, France
Tel: 00 33 1 64 29 42 57
f.franjou@wanadoo.fr

Purpose of Issue:

Tender

Date/Revision:

2021/08/27

Type:

F19

Luminaire Specification Sheet

Project Title:
Location:

MOSTA BASILICA
Garden - Street

Type: **Adjustable surface mounted light fitting**

Finish: **RAL colour**

Protection rating: **IP66**

Mechanical impact: **IK10**

Optical distribution / Beam angle: **60°**

Luminaire Lifetime: **60.000hrs**

Certifications: **CE**

Warranty: **10 years** (5 years + 5 years extension contract)

Corrosion resistance: **Complies with ASTM B117 standard**

Vibration resistance: **Complies with ANSI C136.31 3G**

Light Source Type: **LED**

Light Source Colour (KELVIN): **3000K**

Light Source Rendering (CRI): **82**

Rated Luminous Flux (lumen): **4500lm**

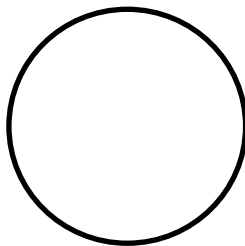
Input voltage: **220-240V 50/60Hz**

Connection: **waterproof connectors**

Power consumption: **50W**

Control: **DMX with remote DATA/SUPPLY item**

300mm diameter

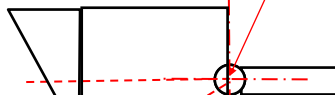


Front

Rotable and lockable bracket

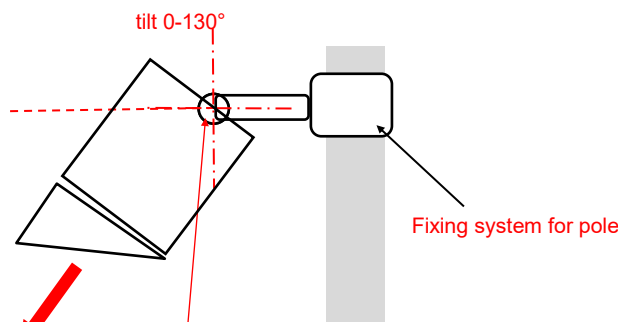
450mm

tilt 0-130°



Side

Half glare shield
to fix to the luminaire
interior black finish
marine treatment



Side

Rotable and lockable bracket

Fixing system for pole

pole
RAL colour



IP65 remote DATA DMX SUPPLY

Housing:
Die cast aluminium
RAL powder coated finish
Marine/salt treatment

Lens: **Clear tempered glass**

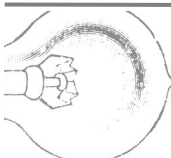
Galvanized steel bracket
Stainless steel screws

Installation: **Pole mounted**

Notes:
Remote
DMX CONTROL
(Ethernet environment)

Luminaire to be provided with all
necessary installation accessories:

- **brackets**
- **fixings**



Franck Franjou

Plasticien de l'Environnement Nocturne
7, rue du Pont Rouge F-77140 Nemours, France
Tel: 00 33 1 64 29 42 57
f.franjou@wanadoo.fr

Purpose of Issue:

Tender

Date/Revision:

2021/08/27

Type:

F20

Luminaire Specification Sheet

Project Title:
Location:

MOSTA BASILICA
Garden-Street

Type: **Adjustable surface mounted light fitting**

Finish: **RAL colour**

Protection rating: **IP66**
Mechanical impact: **IK10**

Optical distribution / Beam angle: **Road Optic**

Luminaire Lifetime: **60.000hrs**

Certifications: **CE**

Warranty: **10 years** (5 years + 5 years extension contract)
Corrosion resistance: **Complies with ASTM B117 standard**
Vibration resistance: **Complies with ANSI C136.31 3G**

Light Source Type: **LED**

Light Source Colour (KELVIN): **2700K**

Light Source Rendering (CRI): **82**

Rated Luminous Flux (lumen): **8000lm**

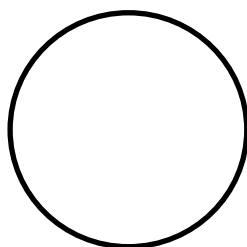
Input voltage: **220-240V 50/60Hz**

Connection: **waterproof connectors**

Power consumption: **90W**

Control: **DMX with remote DATA/SUPPLY item**

300mm diameter

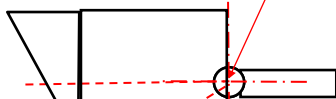


Front

Rotable and lockable bracket

450mm

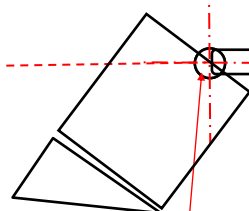
tilt 0-130°



Side

Half glare shield
to fix to the luminaire
interior black finish
marine treatment

tilt 0-130°



Rotable and lockable bracket

Side



IP65 remote DATA DMX SUPPLY

Fixing system for pole

pole
RAL colour

Housing:
Die cast aluminium
RAL powder coated finish
Marine/salt treatment

Lens: Clear tempered glass

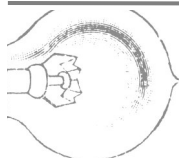
Galvanized steel bracket
Stainless steel screws

Installation: Pole mounted

Notes:
**Remote
DMX CONTROL**
(Ethernet environment)

Luminaire to be provided with all
necessary installation accessories:

- brackets
- fixings



Franck Franjou

Plasticien de l'Environnement Nocturne
7, rue du Pont Rouge F-77140 Nemours, France
Tel: 00 33 1 64 29 42 57
f.franjou@wanadoo.fr

Purpose of Issue:

Tender

Date/Revision:

2021/08/27

Type:

F21

Luminaire Specification Sheet

Project Title:
Location:

MOSTA BASILICA
Garden— Street

Type: **Adjustable surface mounted light fitting**

Finish: **RAL colour**

Protection rating: **IP66**

Mechanical impact: **IK10**

Optical distribution / Beam angle: **flood 80°**

Luminaire Lifetime: **60.000hrs**

Certifications: **CE**

Warranty: **10 years** (5 years + 5 years extension contract)

Corrosion resistance: **Complies with ASTM B117 standard**

Vibration resistance: **Complies with ANSI C136.31 3G**

Light Source Type: **LED**

Light Source Colour (KELVIN): **2700K**

Light Source Rendering (CRI): **82**

Rated Luminous Flux (lumen): **6500lm**

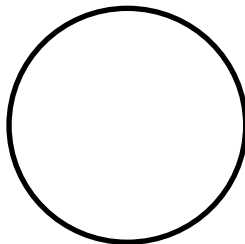
Input voltage: **220-240V 50/60Hz**

Connection: **waterproof connectors**

Power consumption: **70W**

Control: **DMX with remote DATA/SUPPLY item**

300mm diameter

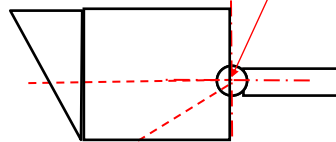


Front

Rotable and lockable bracket

450mm

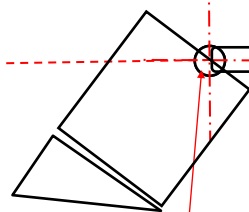
tilt 0-130°



Side

Half glare shield
to fix to the luminaire
interior black finish
marine treatment

tilt 0-130°



Rotable and lockable bracket

Side



IP65 remote DATA DMX SUPPLY

Fixing system for pole

pole
RAL colour

Housing:
Die cast aluminium
RAL powder coated finish
Marine/salt treatment

Lens: **Clear tempered glass**

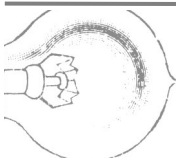
galvanized steel bracket
RAL powder coated painting

Installation: **Pole mounted**

Notes:
Remote
DMX CONTROL
(Ethernet environment)

Luminaire to be provided with all
necessary installation accessories:

- **brackets**
- **fixings**



Franck Franjou

Plasticien de l'Environnement Nocturne
7, rue du Pont Rouge F-77140 Nemours, France
Tel: 00 33 1 64 29 42 57
f.franjou@wanadoo.fr

Purpose of Issue:

Tender

Date/Revision:

2021/08/27

Type:

F22

Luminaire Specification Sheet

Project Title:
Location:

MOSTA BASILICA
PIAZZA

Type: **Pole light for LED light fittings**

Finish: **RAL to define**

Warranty: **10 years** (5 years + 5 years extension contract)

Pole:

Galvanized steel pole
Double Polyester coating
seawater resistant

Pole:

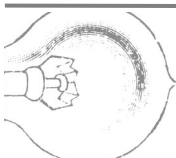
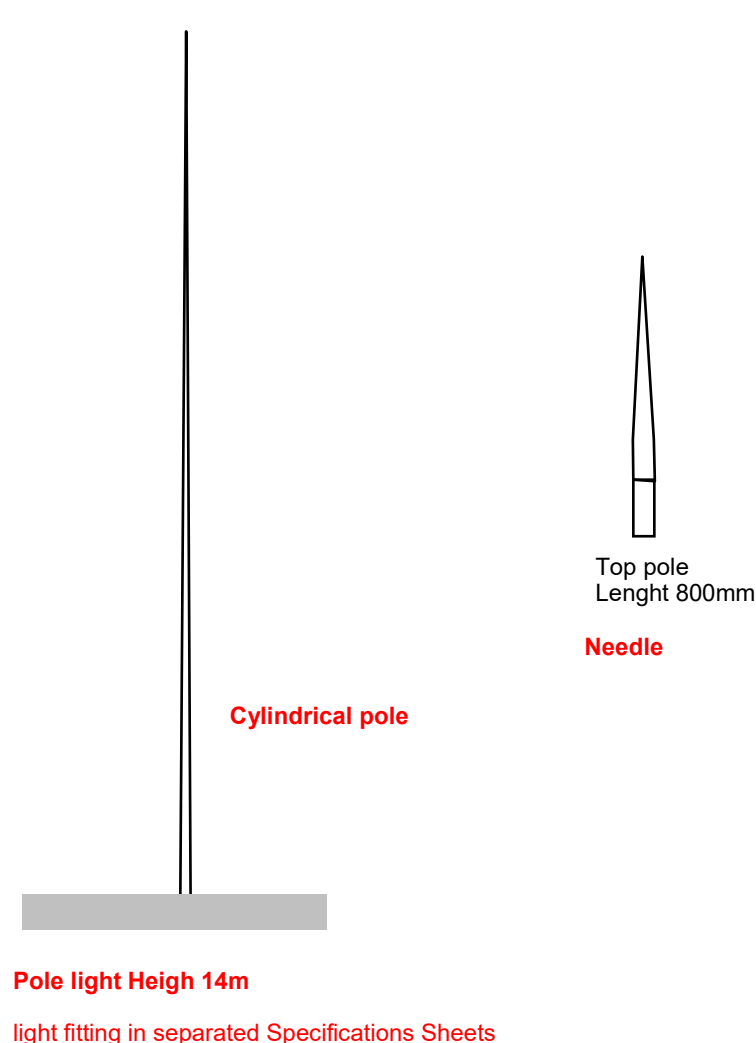
Height: 14m
260mm section (base)

Base plate:

Hot galvanized steel
Anchorage holes

Pole to be delivered with

- Base plate for ground fixing
- Anchorage holes
- Pre-wired
- Door
- Holes for luminaires brackets
- Holes for wiring



Franck Franjou

Plasticien de l'Environnement Nocturne
7, rue du Pont Rouge F-77140 Nemours, France
Tel: 00 33 1 64 29 42 57
f.franjou@wanadoo.fr

Purpose of Issue:

Tender

Date/Revision:

2021/08/27

Type:

MT1

Luminaire Specification Sheet

Project Title:
Location:

**MOSTA BASILICA
GARDEN - PIAZZA**

Type: **Pole light for LED light fittings**

Finish: **RAL to define**

Warranty: **10 years** (5 years + 5 years extension contract)

Pole:

**Galvanized steel pole
Double Polyester coating
seawater resistant**

Pole:

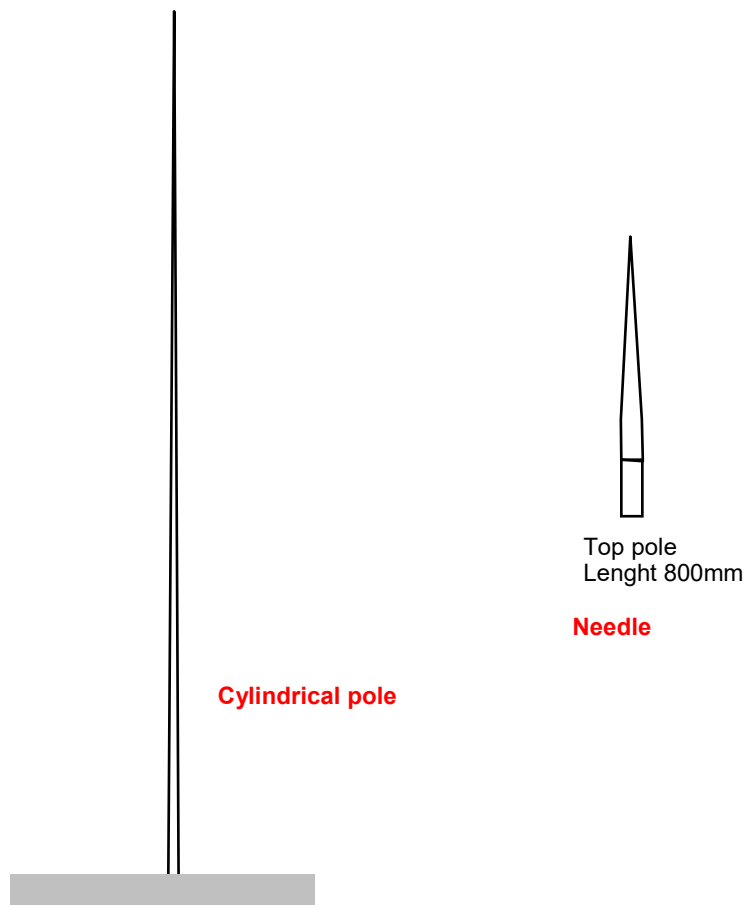
**Height: 14m
260mm section (base)**

Base plate:

**Hot galvanized steel
Anchorage holes**

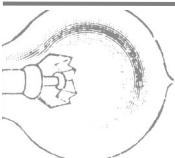
Pole to be delivered with

- Base plate for ground fixing
- Anchorage holes
- Pre-wired
- Door
- Holes for luminaires brackets
- Holes for wiring



Pole light Heigh 11m

light fitting in separated Specifications Sheets



Franck Franjou

Plasticien de l'Environnement Nocturne
7, rue du Pont Rouge F-77140 Nemours, France
Tel: 00 33 1 64 29 42 57
f.franjou@wanadoo.fr

Purpose of Issue:

Tender

Date/Revision:

2021/08/27

Type:

**MT2 - MT3
MT5**

Luminaire Specification Sheet

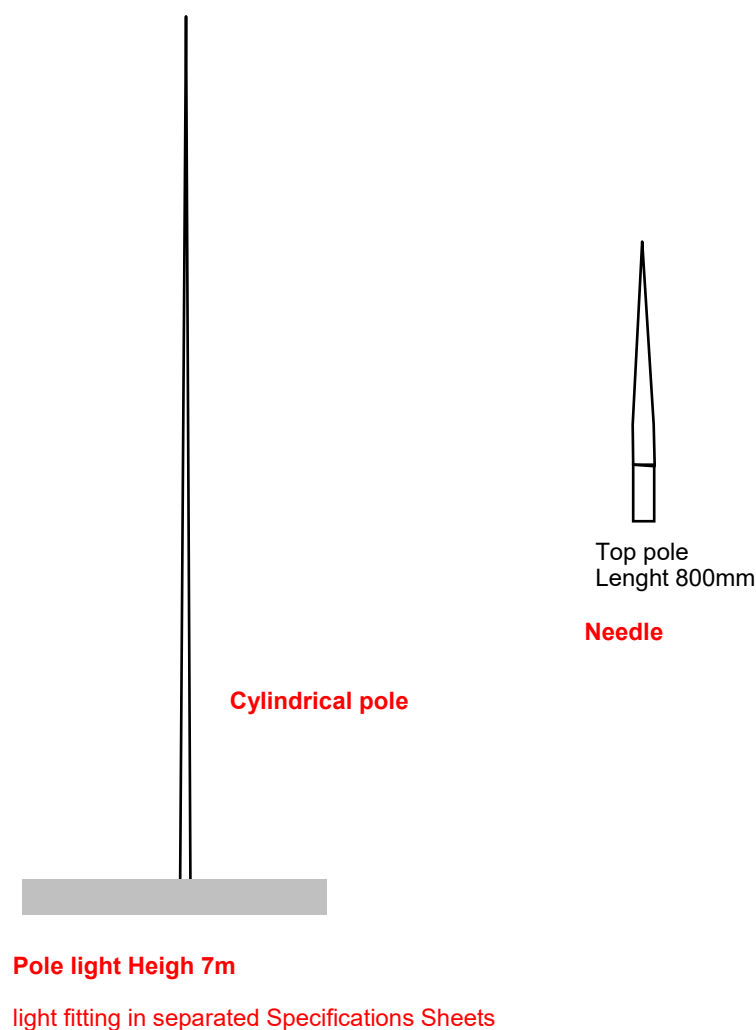
Project Title:
Location:

MOSTA BASILICA
GARDEN

Type: **Pole light for LED light fittings**

Finish: **RAL to define**

Warranty: **10 years** (5 years + 5 years extension contract)



Pole:

Galvanized steel pole
Double Polyester coating
seawater resistant

Pole:

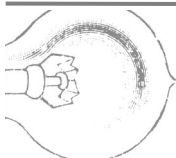
Height: 7m
220mm section (base)

Base plate:

Hot galvanized steel
Anchorage holes

Pole to be delivered with

- Base plate for ground fixing
- Anchorage holes
- Pre-wired
- Door
- Holes for luminaires brackets
- Holes for wiring



Franck Franjou

Plasticien de l'Environnement Nocturne
7, rue du Pont Rouge F-77140 Nemours, France
Tel: 00 33 1 64 29 42 57
f.franjou@wanadoo.fr

Purpose of Issue:

Date/Revision:

Tender

2021/08/27

Type:

MT6 - MT6a
MT6b

Luminaire Specification Sheet

Project Title:
Location:

MOSTA BASILICA
PIAZZA

Type: **Light fitting for existing pole**

Finish: **Grey color**

Protection rating: **IP66 IK10**

Optical distribution / Beam angle: **60°**

Luminaire Lifetime: **60.000hrs**

Certifications: **CE according to IEC - EN 60598**
according to IEC - EN 62262
RoHS

Warranty: **10 years** (5 years + 5 years extension contract)

Light Source Type: **LED**

Light Source Colour (KELVIN): **2700K**

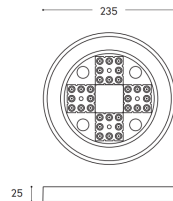
Light Source Rendering (CRI): **82**

Rated Luminous Flux (lumen): **3500lm**

Input voltage: **220-240V 50/60Hz**

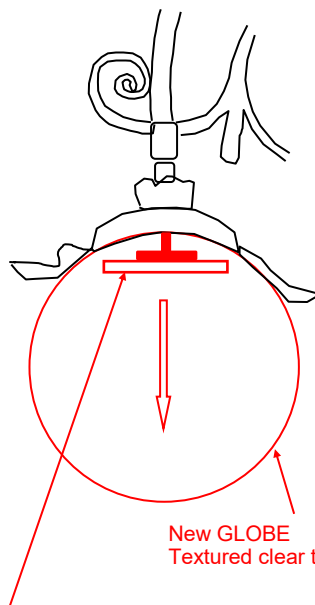
Power consumption: **35W**

Control: **DMX with remote DATA/SUPPLY item**



5 x Led unit per pole

IP65 remote supply in pole



New GLOBE
Textured clear tempered glass

IP66 IK10 LED unit
Downlight
Fixing to study during restoration process

LED unit housing:
Luminaire aluminium body and glass (impact resistant IK10)

Glass: **polycarbonate**

:
Glass glob:
Textured clear tempered glass

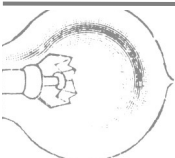
Remote DMX contrôler
(Ethernet environment)

Integral LED power unit in the pole

Photometric engine and electronic assembly easily replaceable

Luminaire to be provided with all necessary installation accessories:

- **Base plate for ground fixing**
- **Remote IP65 Driver**
- **Pre-wired**



Franck Franjou

Plasticien de l'Environnement Nocturne
7, rue du Pont Rouge F-77140 Nemours, France
Tel: 00 33 1 64 29 42 57
f.franjou@wanadoo.fr

Purpose of Issue:

Tender

Date/Revision:

2021/08/27

Type:

MTE

Luminaire Specification Sheet

Project Title:
Location:

MOSTA BASILICA
PIAZZA

Type: **Existing historical pole**

Warranty: **10 years** (5 years + 5 years extension contract)



restoration

Replacment of globes
Textured clear tempered glass



IP65 remote supply in pole

Restoration:

- sandblasting
- epoxy treatment
- marine anticorrosion painting
- RAL colour
- verification of fixing arms

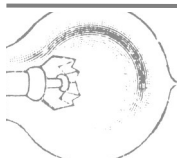
Electrical

- New wiring
- New LED module and fixing

Location of remote supply/drivers in the base pilaster.

Glass glob

- New glass
- New fixing



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Plasticien de l'Environnement Nocturne
7, rue du Pont Rouge F-77140 Nemours, France
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f.franjou@wanadoo.fr

Purpose of Issue:

Date/Revision:

Tender

2021/08/27

Type:

MTE