



E9\*91R00/17\*23874\*00

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COMUNICACIÓN / *COMMUNICATION*:

Concerniente a <sup>(1)</sup>: LA CONCESIÓN DE HOMOLOGACIÓN  
LA EXTENSIÓN DE HOMOLOGACIÓN  
LA DENEGACIÓN DE HOMOLOGACIÓN  
LA RETIRADA DE HOMOLOGACIÓN  
EL CESE DEFINITIVO DE PRODUCCIÓN

Concerning <sup>(1)</sup>: *APPROVAL GRANTED*  
*APPROVAL EXTENDED*  
*APPROVAL REFUSED*  
*APPROVAL WITHDRAWN*  
*PRODUCTION DEFINITELY DISCONTINUED*

de un tipo de luz de posición lateral marcada SM1 / ~~SM2~~ <sup>(1)</sup> en aplicación del Reglamento N°91.  
*of a type of side-marker lamp marked SM1 / ~~SM2~~ <sup>(1)</sup>, pursuant to Regulation No91.*

N° de homologación / *Approval No.*: E9\*91R00/17\*23874\*00

Extensión N° / *Extension No.*: ---

1. Marca de fábrica o comercial de la luz de posición lateral / *Trade name or mark of the side-marker lamp*: Fristom
2. Designación del tipo de luz de posición lateral dado por el fabricante / *Manufacturer's name for the type of side-marker lamp*: FT-074 LED
3. Nombre y dirección del fabricante / *Manufacturer's name and address*:  
FRISTOM SPÓLKA Z OGRANICZONA  
ODPOWIEDZIALNOSCIA SPÓLKA  
KOMANDYTOWA  
UL. PRZEMYSŁOWA 5, 86-014  
85416 SICIENKO  
SICIENKO (POLONIA)
4. En su caso, nombre y dirección del representante del fabricante / *If applicable, name and address of manufacturer's representative*: ---
5. Dispositivo presentado a homologación el / *Submitted for approval on*: 16/11/2020
6. Servicio técnico encargado de los ensayos de homologación / *Technical service responsible for conducting approval test*: IDIADA
7. Fecha del informe emitido por dicho servicio / *Date of report issued by that service*: 01/12/2020
8. Número del informe emitido por dicho servicio / *Number of report issued by that service*: PC20090307

<sup>(1)</sup> Táchese lo que no proceda / *Strike out what does not apply*





E9\*91R00/17\*23874\*00

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Breve descripción / Concise description:

- Color de la luz emitida: ambar / ~~rojo~~<sup>(1)</sup> / Colour of the light emitted: amber / ~~red~~<sup>(1)</sup>
- Número y categoría(s) de la(s) fuente(s) luminosa(s) / Number and category(ies) of light source(s): 1 x LED
- Módulo de fuente de luz / Light source module: ~~sí~~/~~yes~~ - no / no<sup>(1)</sup>
- Código de identificación específico del módulo de fuente de luz / Light source module specific identification code: ---
- Solamente para instalación limitada en altura igual o inferior a 750 mm por encima del suelo / Only for limited mounting height of equal to or less than 750 mm above the ground: ~~sí~~/~~yes~~ - no / no<sup>(1)</sup>
- Condiciones geométricas de instalación y variaciones relacionadas, en su caso / Geometrical conditions of installation and relating variations, if any: ---
- Aplicación de una guía de control electrónica/control de intensidad variable de la fuente luminosa / Application of an electronic light source control gear/variable intensity control: ---
  - a) formando parte de la luz / being part of the lamp: ~~sí~~/~~yes~~ - ~~no~~/~~no~~ - no aplicable / not applicable<sup>(1)</sup>
  - b) no formando parte de la luz / being not part of the lamp: ~~sí~~/~~yes~~ - ~~no~~/~~no~~ - no aplicable / not applicable<sup>(1)</sup>
- Tensión(es) de entrada suministrada(s) por la guía de control electrónica/control de intensidad variable de la(s) fuente(s) luminosa(s) / Input voltage(s) supplied by an electronic light source control gear/variable intensity control: ---
- Fabricante de la guía de control electrónica/control de intensidad variable de la(s) fuente(s) luminosa(s) y número de identificación (cuando la guía de control de la fuente luminosa forma parte de la luz pero no está incluida en el cuerpo de la luz) / Electronic light source control gear/variable intensity control manufacturer and identification number (when the light source control gear is part of the lamp but is not included into the lamp body): ---
- La luz es sólo para uso en un vehículo equipado con un testigo que indique el fallo / The lamp is only for use on a vehicle fitted with a tell-tale indicating failure: ~~sí~~/~~yes~~ - no / no<sup>(1)</sup>

<sup>(1)</sup> Táchese lo que no proceda / Strike out what does not apply





E9\*91R00/17\*23874\*00

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10. Posición de la marca de homologación / *Position of the approval mark*: Ver documentación suministrada por el fabricante / *See documentation supplied by the manufacturer*.
11. Motivos de la extensión (en su caso) / *Reason(s) of extension (if applicable)*: ---
12. Se concede/~~deniega~~/~~extiende~~/~~retira~~ la homologación <sup>(1)</sup> / *Approval granted/refused/extended/withdrawn* <sup>(1)</sup>
13. Lugar / *Place*: Madrid
14. Fecha / *Date*: Ver firma electrónica / *See electronic signature*
15. Firma / *Signature*:

EL SUBDIRECTOR GENERAL DE CALIDAD Y SEGURIDAD INDUSTRIAL  
Resolución P.D. del DIRECTOR GENERAL DE INDUSTRIA Y DE LA PYME de 25-10-2012

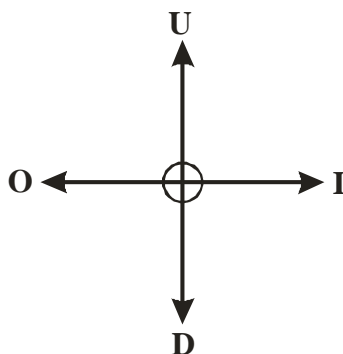
16. Se adjunta la lista de apartados que constituyen el expediente de homologación depositado en el servicio administrativo que ha concedido la homologación y que pueden ser obtenidos a petición. / *The list of documents deposited with the Administrative Service which has granted approval is annexed to this communication and may be obtained on request*.
  - Informe del ensayo / *Test report*
  - Documentación suministrada por el fabricante / *Documentation supplied by the manufacturer*

<sup>(1)</sup> Táchese lo que no proceda / *Strike out what does not apply*





# SUPERFICIE ILUMINANTE / ILLUMINATING SURFACE



Límite superior / Upper boundary "U" (mm)	Límite inferior / Down boundary "D" (mm)	Límite interior / Inner boundary "I" (mm)	Límite exterior / Outer boundary "O" (mm)
9.5	9.5	9.5	9.5

Lugar del ensayo / Test place: L'Albornar, E-43710 Santa Oliva (Tarragona)

Fecha del ensayo / Test date: 16/11/2020



Joan Fonts Sala  
INGENIERO DE ENSAYOS  
TEST ENGINEER

- 
- \* LOS RESULTADOS PRESENTADOS SE REFIEREN ÚNICAMENTE A LA MUESTRA ENSAYADA.  
THE PRESENTED RESULTS REFER ONLY TO THE TESTED SAMPLE.
  - \* QUEDA TERMINANTEMENTE PROHIBIDA LA REPRODUCCIÓN PARCIAL DE ESTE INFORME SIN PERMISO EXPRESO DE IDIADA.  
THE PARTIAL REPRODUCTION OF THIS REPORT WITHOUT THE PERMISSION OF IDIADA IS COMPLETELY FORBIDDEN.
  - \* EL LABORATORIO HA CALCULADO LA INCERTIDUMBRE DE MEDIDA ASOCIADA A LOS RESULTADOS.  
MEASUREMENT UNCERTAINTY OF THE RESULTS HAS BEEN CALCULATED BY THE LABORATORY.

## INFORMATION FOLDER:

FIRST APPLICATION  
DATE: 16.11.2020

### 1. Specification data

Type	FT-074 LED	
Trade name or mark	Fristom	
Variants	FT-074 B LED / FT-074 Z LED / FT-074 C LED	
Function	Front position lamp / side marking lamp / rear position lamp	
Color	white light color /amber light color /	
Rated	Voltage	12V/24V
	Wattage	12V=0,4 W ; 24 V= 0,8 W
Applicable Regulation		R07 / R91 / R07
Light Source and connection		1 white LED / 2 amber light LED
Location of marking	Light Source marks	See the drawing
	Trade mark	Marked on elastic housing
	Approval mark	Marked on lampshade

### 2. Construction and material

Construction	Material	Remarks
Lenses	Defined on the technical drawing	--
Reflectors	Defined on the technical drawing	--
Bases	Defined on the technical drawing	--

### 3. Name and address of manufacturer:

**FRISTOM** Spółka z ograniczoną odpowiedzialnością Spółka komandytowa

86-014 Sicienko / Polska

ul. Przemysłowa 5

NIP: 5542926937, KRS: 0000529238

Tel.: +48 52 360 90 51, Fax: +48 52 327 75 41

### 4. REASON OF THE Revision:

---

**FRISTOM**  
Spółka z ograniczoną odpowiedzialnością Sp. k.  
86-014 SICIENKO, ul. Przemysłowa 5  
tel. 52 360 90 50  
www.fristom.com.pl  
NIP 5542926937 REGON 341640907  
MICHAŁ DYBICZ

**NOTE :** APPROVAL MARKINGS ARE SHOWN IN THE ATTACHED DRAWING.  
THIS INFORMATION FOLDER CONSISTS OF 1 PAGES

# Manufacturer

FRISTOM Spółka z ograniczoną odpowiedzialnością Sp. K.  
86-014 Sicienko / Polska  
ul. Przemysłowa 5  
NIP: 5542926937, KRS: 0000529238  
Tel.: +48 52 360 90 51, Fax: +48 52 327 75 41



Drawn by: **Date:** 30-10-2020 **sheet Nr.** 1/4  
Michał Dąbicz

## Type

FT-074 B LED - front position lamp

## light source

LIGHT SOURCE : LED CHIP SMD chip mounted  
1 LED white light color

## sheet description

general drawing / lamp functions / assembly on vehicle  
electrical parameters

This drawing is a part of the application for approval

## Material used in manufacturing :

- lampshade PC clear transparent
- housing elastic SEBS black
- PCB FR4
- 1 LED white light color
- potting compound epoxy resin

## FRISTOM

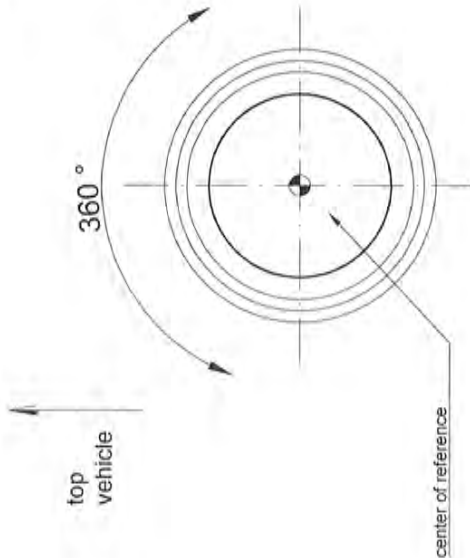
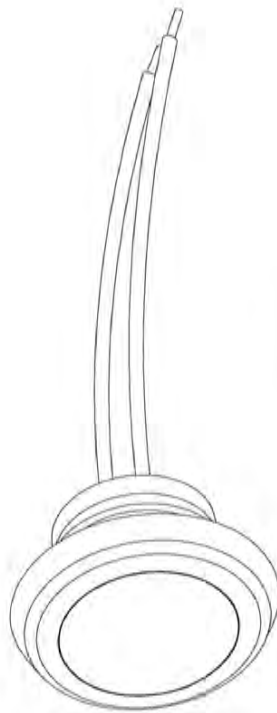
Spółka z ograniczoną odpowiedzialnością Sp. k.  
86-014 SICIENKO, ul. Przemysłowa 5  
tel. 52 360 90 50

[www.fristom.com.pl](http://www.fristom.com.pl)

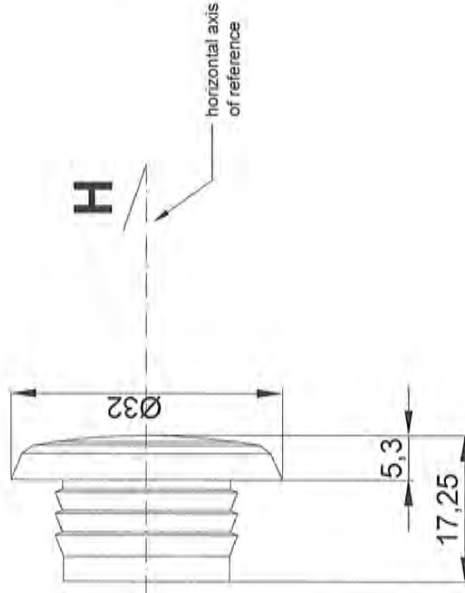
NIP 5542926937 REGON 341640907

MICHAŁ DĄBICZ

*Dąbicz Michał*



forward  
driving  
direction



suggested fixing hole in carriage



## Manufacturer

FRISTOM Spółka z ograniczoną odpowiedzialnością Sp.K.  
86-014 Sicienka / Polska  
ul. Przemysłowa 5  
NIP: 5542926937 KPS: 0000529238  
Tel.: +48 52 340 90 51, Fax: +48 52 327 75 41



Drawn by:

Date: 30-10-2020

sheet Nr.

2/4

## Type

FT-074 B LED - front position lamp

## light source

LIGHT SOURCE : LED CHIP SMD chip mounted  
1 LED white light color

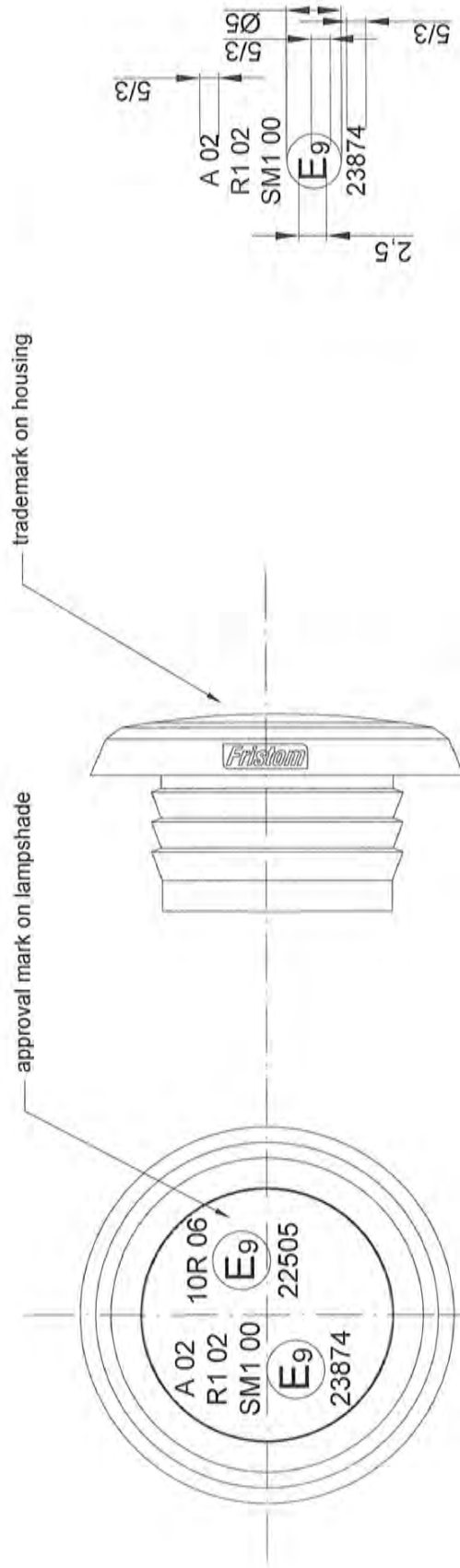
## sheet description

approval markings

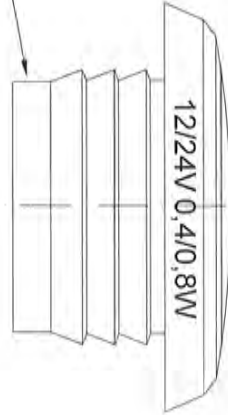
This drawing is a part of the application for approval

## Material used in manufacturing :

- lampshade PC clear transparent
- housing - elastic SEBS black
- PCB FR4
- 1 LED white light color
- potting compound epoxy resin



voltage and wattage marking on housing



**FRISTOM**

Spółka z ograniczoną odpowiedzialnością Sp. z o.o.  
86-014 SICIENKO, ul. Przemysłowa 5

tel. 52 360 90 50

[www.fristom.com.pl](http://www.fristom.com.pl)

NIP 5542926937 REGON 341640907

MICHAŁ DYBIŃCZ

*Dybińcz*

Manufacturer

FRISTOM Spółka z ograniczoną odpowiedzialnością Sp. z o.o.  
86-014 Sicienka / Polska  
ul. Przemysłowa 5  
NIP: 5542926937, KRS: 0000529238  
Tel.: +48 52 360 90 51, Fax: +48 52 327 75 41



Drawn by: Date: 30-10-2020  
Michał Dybicz

sheet Nr. 3 / 4

Type

FT-074 B LED - front position lamp

light source

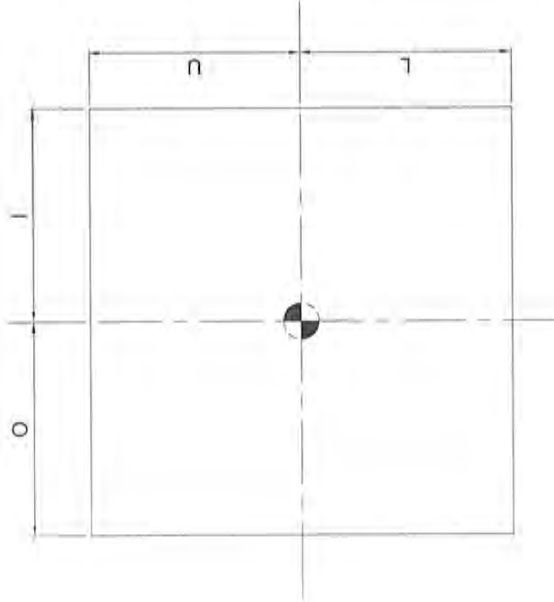
LIGHT SOURCE : LED CHIP SMD chip mounted  
1 LED white light color

sheet description

lighting surface  
This drawing is a part of the application for approval

Material used in manufacturing :

- lampshade PC clear transparent
- collimator lens - PC clear transparent
- PCB FR4
- 3 LED's blue light color
- housing ABS or PA black
- potting compound epoxy resin



lighting surface

function	U (upper limit) (mm)	L (lower limit) (mm)	O (outer limit) (mm)	I (inner limit) (mm)
A	9,5	9,5	9,5	9,5

Determining the lower , upper and lateral limits of the illumination surface of the lamp device.

According to European Directive 91/663/EEC , Annex I "Installation of lighting and light-signalling devices" clause 1.9.2.

According to ECE regulation 48/06 "Installation of light and light-signalling devices" clause 2.10.3.2.

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MICHAŁ DYBICZ



Manufacturer

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84-014 Ścieńko / Polska  
ul. Przemysłowa 5  
NIP: 5542926937, KRS: 0000529238  
Tel.: +48 52 360 90 51, Fax: +48 52 327 75 41



Drawn by: Date: sheet Nr.

Michał Dybicz

30-10-2020

4/4

Type

FT-074 B LED - front position lamp

light source

LIGHT SOURCE : LED CHIP SMD chip mounted  
1 LED white light color

sheet description

variant tradenames and descriptions

This drawing is a part of the application for approval

Material used in manufacturing :

- lampshade PC clear transparent
- housing elastic SEBS black
- PCB FR4
- 1 LED white light color
- potting compound epoxy resin

FT-074 B LED	FT-074 B LED Clearance Lamp LED 12-36V, white, round, recessed, cable 0,15m.
FT-074 B LED Mxx	FT-074 B LED Clearance Lamp LED 12-36V, white, round, recessed, cable Mxx.
FT-074 B LED QS075	FT-074 B LED Clearance Lamp LED 12-36V, white, round, recessed, cable QS075 ended.
FT-074 B LED QS150	FT-074 B LED Clearance Lamp LED 12-36V, white, round, recessed, cable QS150 ended.
FT-074 B LED QS075 Mxx	FT-074 B LED Clearance Lamp LED 12-36V, white, round, recessed, cable Mxx QS075 ended.
FT-074 B LED QS150 Mxx	FT-074 B LED Clearance Lamp LED 12-36V, white, round, recessed, cable Mxx QS150 ended.
FT-074 C LED	FT-074 C LED Clearance Lamp LED 12-36V, red, round, recessed, cable 0,15m.
FT-074 C LED Mxx	FT-074 C LED Clearance Lamp LED 12-36V, red, round, recessed, cable Mxx.
FT-074 C LED QS075	FT-074 C LED Clearance Lamp LED 12-36V, red, round, recessed, cable QS075 ended.
FT-074 C LED QS150	FT-074 C LED Clearance Lamp LED 12-36V, red, round, recessed, cable QS150 ended.
FT-074 C LED QS075 Mxx	FT-074 C LED Clearance Lamp LED 12-36V, red, round, recessed, cable Mxx QS075 ended.
FT-074 C LED QS150 Mxx	FT-074 C LED Clearance Lamp LED 12-36V, red, round, recessed, cable Mxx QS150 ended.
FT-074 Z LED	FT-074 Z LED Clearance Lamp LED 12-36V, yellow, round, recessed, cable 0,15m.
FT-074 Z LED Mxx	FT-074 Z LED Clearance Lamp LED 12-36V, yellow, round, recessed, cable Mxx.
FT-074 Z LED QS075	FT-074 Z LED Clearance Lamp LED 12-36V, yellow, round, recessed, cable QS075 ended.
FT-074 Z LED QS150	FT-074 Z LED Clearance Lamp LED 12-36V, yellow, round, recessed, cable QS150 ended.
FT-074 Z LED QS075 Mxx	FT-074 Z LED Clearance Lamp LED 12-36V, yellow, round, recessed, cable Mxx QS075 ended.
FT-074 Z LED QS150 Mxx	FT-074 Z LED Clearance Lamp LED 12-36V, yellow, round, recessed, cable Mxx QS150 ended.

where X is number from 0 till 9

\* where x is a number between 0-9

**FRISTOM**  
Spółka z ograniczoną odpowiedzialnością Sp.k.  
86-014 ŚCIEŃKO, ul. Przemysłowa 5  
tel. 52 360 90 50  
www.fristom.com.pl  
REGON 341640907  
MICHAŁ DYBICZ

PC20090307

## Manufacturer

FRISTOM Spółka z ograniczoną odpowiedzialnością Sp. z o.o.  
86-014 Sicienka / Polska  
ul. Przemysłowa 5  
NIP: 5542926937, KRS: 0000529238  
Tel.: +48 52 360 90 51, Fax: +48 52 327 75 41



Drawn by: **Date:**

Michał Dybicz

30-10-2020

sheet Nr.

1/4

## Type

FT-074 C LED - rear position lamp

## light source

LIGHT SOURCE : LED CHIP SMD chip mounted  
1 LED red light color

## sheet description

general drawing / lamp functions / assembly on vehicle  
electrical parameters

This drawing is a part of the application for approval

## Material used in manufacturing :

- lampshade PC clear transparent
- housing elastic SEBS black
- PCB FR4
- 1 LED red light color
- potting compound epoxy resin

## FRISTOM

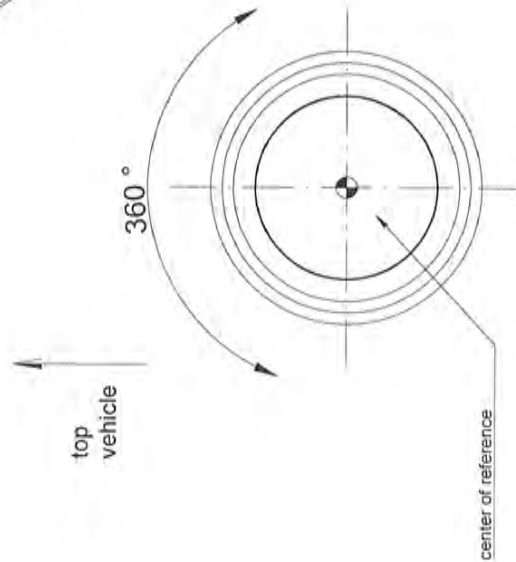
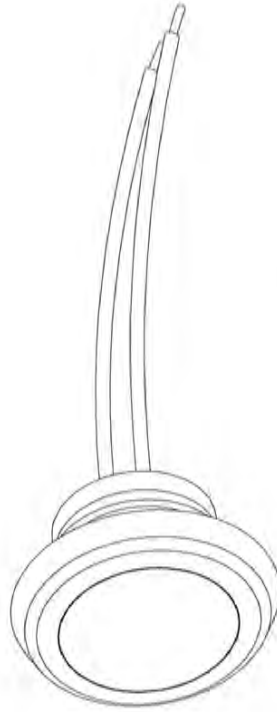
Spółka z ograniczoną odpowiedzialnością Sp. z o.o.  
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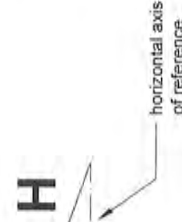
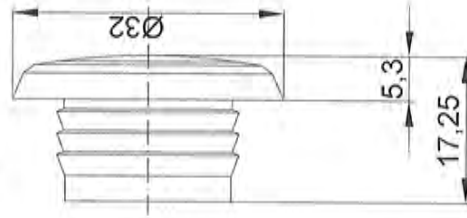
NIP 5542926937 REGON 341640907

MICHAŁ DYBICZ

*Duplikat*



forward  
driving  
direction



suggested fixing hole in carriage

Electrical parameters:  
12V/24V - 0,5A / 0,5W

1 LED (red light color)

**IBIADA** PC20090307

## Manufacturer

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Drawn by: **Date:**

Michał Dybicz 30-10-2020

sheet Nr.

2/4

## Type

**FT-074 C LED - rear position lamp**

## light source

LIGHT SOURCE : LED CHIP SMD chip mounted  
1 LED red light color

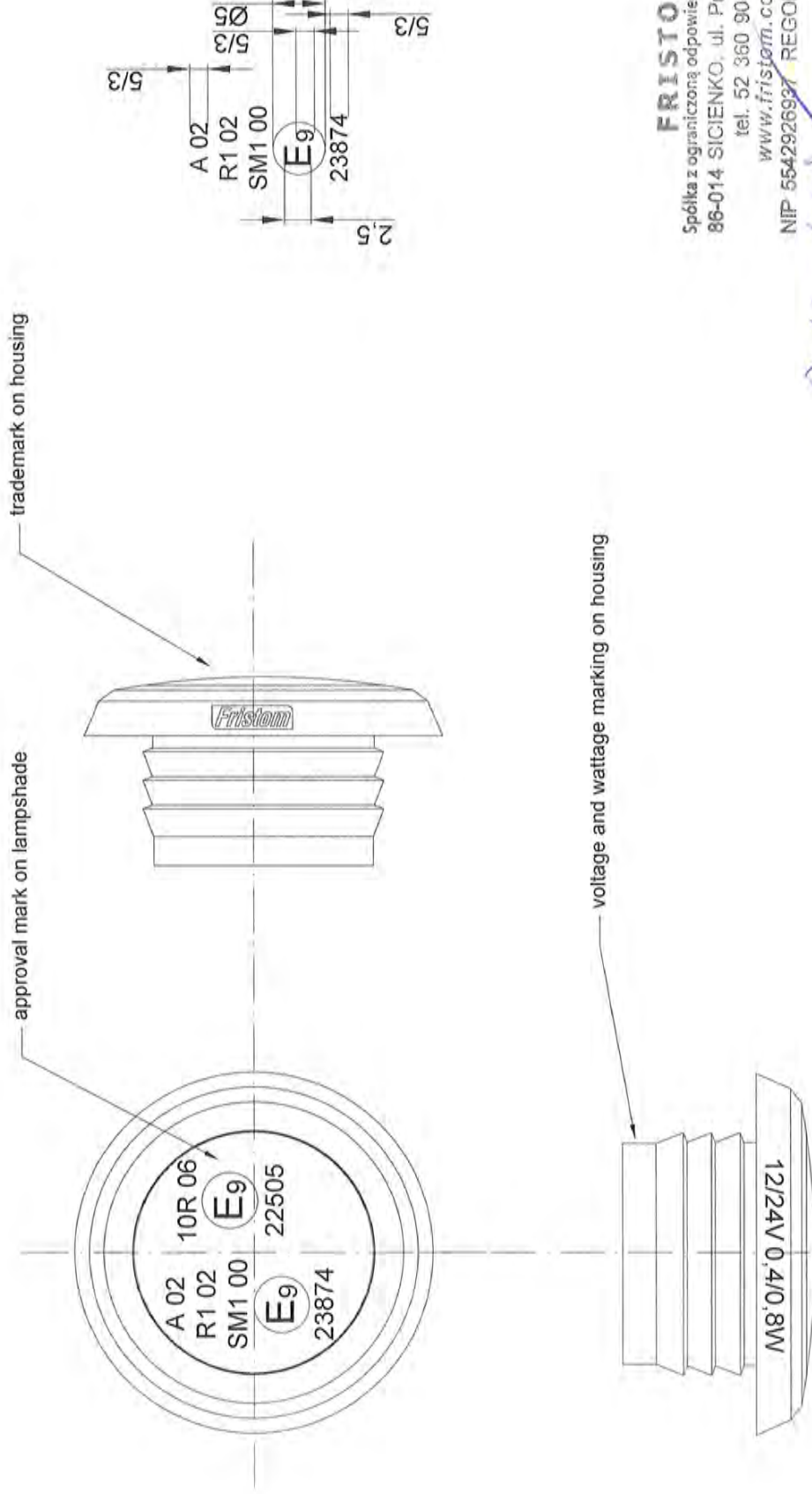
## sheet description

approval markings

This drawing is a part of the application for approval

## Material used in manufacturing :

- lampshade PC clear transparent
- housing elastic SEBS black
- PCB FR4
- 1 LED red light color
- potting compound epoxy resin



## FRISTOM

Spółka z ograniczoną odpowiedzialnością Sp. k.  
86-014 SICIENKO, ul. Przemysłowa 5

tel. 52 360 90 50

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NIP 5542926937 REGON 341640907

MICHAŁ DYBICZ



Manufacturer

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ul. Przemysłowa 5  
NIP: 5542926937, KRS: 0000529238  
Tel.: +48 52 360 90 51, Fax: +48 52 327 75 41



Drawn by: Date: sheet Nr.

Michał Dylisz 30-10-2020 3/4

Type

FT-074 C LED - rear position lamp

light source

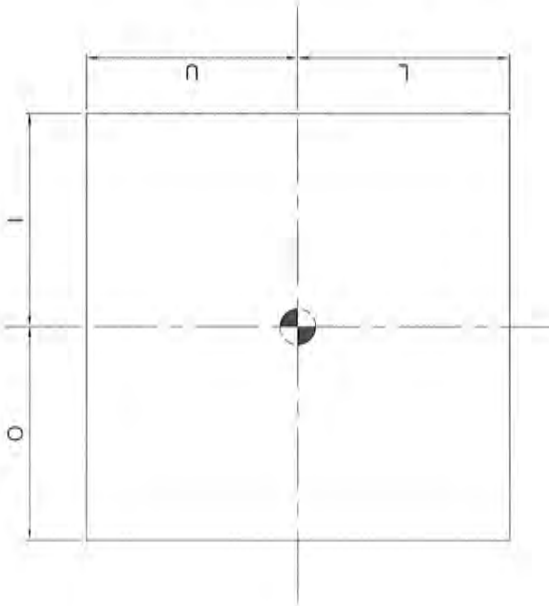
LIGHT SOURCE : LED CHIP SMD chip mounted  
1 LED red light color

sheet description

lighting surface  
This drawing is a part of the application for approval

Material used in manufacturing :

- lampshade PC clear transparent
- housing elastic SEBS black
- PCB FR4
- 1 LED red light color
- potting compound epoxy resin



lighting surface

function	U <sub>(upper limit)</sub> [mm]	L <sub>(lower limit)</sub> [mm]	O <sub>(outer limit)</sub> [mm]	I <sub>(inner limit)</sub> [mm]
R1	9,5	9,5	9,5	9,5

Determining the lower , upper and lateral limits of the illumination surface of the lamp device.

According to European Directive 91/663/EEC , Annex I "Installation of lighting and light-signalling devices" clause 1.9.2.

According to ECE regulation 48/06 "Installation of light and light-signalling devices" clause 2.10.3.2.

**FRISTOM**  
Spółka z ograniczoną odpowiedzialnością Sp.k.  
86-014 SICIENKA ul. Przemysłowa 5  
tel. 52 360 90 50  
www.fristom.com.pl  
NIP 5542926937 REGON 341640907  
MICHAŁ DYLIŚ

Manufacturer

FRISTOM Spółka z ograniczoną odpowiedzialnością Sp.K.  
86-014 Sicienka / Polska  
ul. Przemysłowa 5  
NIP: 5542926937, KRS: 0000529238  
Tel.: +48 52 360 90 51, Fax: +48 52 327 75 41



Drawn by: Michał Dybicz  
Date: 30-10-2020  
sheet Nr. 4/4

Type

FT-074 C LED - rear position lamp

Material used in manufacturing :

- lampshade PC clear transparent
- housing elastic SEBS black
- PCB FR4
- 1 LED red light color
- potting compound epoxy resin

light source

LIGHT SOURCE : LED CHIP SMD chip mounted  
1 LED red light color

sheet description

variant tradenames and descriptions

This drawing is a part of the application for approval

FT-074 B LED	FT-074 B LED Clearance Lamp LED 12-36V, white, round, recessed, cable 0,15m.
FT-074 B LED Mxx	FT-074 B LED Clearance Lamp LED 12-36V, white, round, recessed, cable Mxx.
FT-074 B LED QS075	FT-074 B LED Clearance Lamp LED 12-36V, white, round, recessed, cable QS075 ended.
FT-074 B LED QS150	FT-074 B LED Clearance Lamp LED 12-36V, white, round, recessed, cable QS150 ended.
FT-074 B LED QS075 Mxx	FT-074 B LED Clearance Lamp LED 12-36V, white, round, recessed, cable Mxx QS075 ended.
FT-074 B LED QS150 Mxx	FT-074 B LED Clearance Lamp LED 12-36V, white, round, recessed, cable Mxx QS150 ended.
FT-074 C LED	FT-074 C LED Clearance Lamp LED 12-36V, red, round, recessed, cable 0,15m.
FT-074 C LED Mxx	FT-074 C LED Clearance Lamp LED 12-36V, red, round, recessed, cable Mxx.
FT-074 C LED QS075	FT-074 C LED Clearance Lamp LED 12-36V, red, round, recessed, cable QS075 ended.
FT-074 C LED QS150	FT-074 C LED Clearance Lamp LED 12-36V, red, round, recessed, cable QS150 ended.
FT-074 C LED QS075 Mxx	FT-074 C LED Clearance Lamp LED 12-36V, red, round, recessed, cable Mxx QS075 ended.
FT-074 C LED QS150 Mxx	FT-074 C LED Clearance Lamp LED 12-36V, red, round, recessed, cable Mxx QS150 ended.
FT-074 Z LED	FT-074 Z LED Clearance Lamp LED 12-36V, yellow, round, recessed, cable 0,15m.
FT-074 Z LED Mxx	FT-074 Z LED Clearance Lamp LED 12-36V, yellow, round, recessed, cable Mxx.
FT-074 Z LED QS075	FT-074 Z LED Clearance Lamp LED 12-36V, yellow, round, recessed, cable QS075 ended.
FT-074 Z LED QS150	FT-074 Z LED Clearance Lamp LED 12-36V, yellow, round, recessed, cable QS150 ended.
FT-074 Z LED QS075 Mxx	FT-074 Z LED Clearance Lamp LED 12-36V, yellow, round, recessed, cable Mxx QS075 ended.
FT-074 Z LED QS150 Mxx	FT-074 Z LED Clearance Lamp LED 12-36V, yellow, round, recessed, cable Mxx QS150 ended.

where X is number from 0 till 9

\* where x is a number between 0-9

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tel. 52 360 90 50  
[www.fristom.com.pl](http://www.fristom.com.pl)  
NIP 5542926937 REGON 341640907

MICHAŁ DYBICZ

PC20090307



## Manufacturer

FRISTOM Spółka z ograniczoną odpowiedzialnością Sp. k.  
86-014 Sicienka / Polska  
ul. Przemysłowa 5  
NIP: 5542926937, KRS: 0000529238  
Tel.: +48 52 360 90 51, Fax: +48 52 327 75 41



Drawn by: **Date:** **sheet Nr.**

Michał Dybicz 30-10-2020 1/4

## Type

FT-074 Z LED - side marking lamp

## Material used in manufacturing :

- lampshade PC clear transparent
- housing elastic SEBS black
- PCB FR4
- 1 LED amber light color
- potting compound epoxy resin

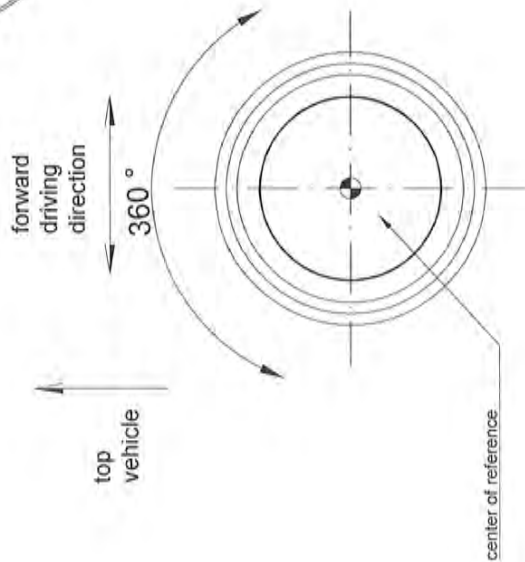
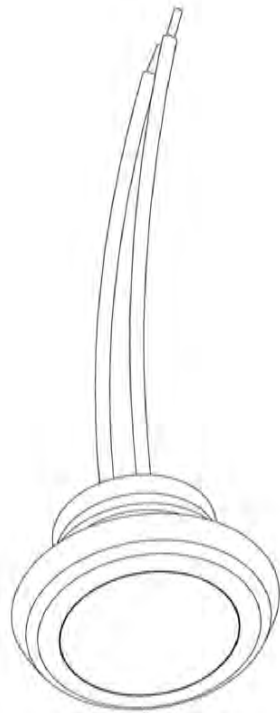
## light source

LIGHT SOURCE : LED CHIP SMD chip mounted  
1 LED amber light color

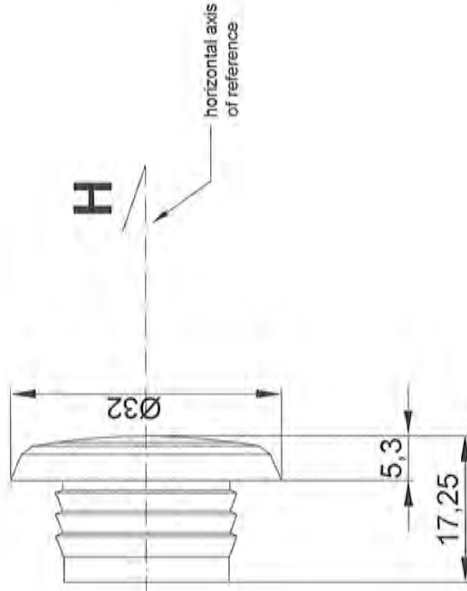
## sheet description

general drawing / lamp functions /assembly on vehicle  
electrical parameters

This drawing is a part of the application for approval



left or right outside of vehicle



suggested fixing hole in carriage

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86-014 SICIENKA, ul. Przemysłowa 5

tel. 52 360 90 50

www.fristom.com.pl

REGON 341640907

MICHAŁ DYBICZ

# Manufacturer

FRISTOM Spółka z ograniczoną odpowiedzialnością Sp. k.  
86-014 Ścienko / Polska  
ul. Przemysłowa 5  
NIP: 5542926937, KRS: 0000529238  
Tel.: +48 52 360 90 51, Fax: +48 52 327 75 41



**Drawn by:** Michał Dybicz  
**Date:** 30-10-2020  
**sheet Nr.:** 2 / 4

## Type

**FT-074 Z LED - side marking lamp**

## light source

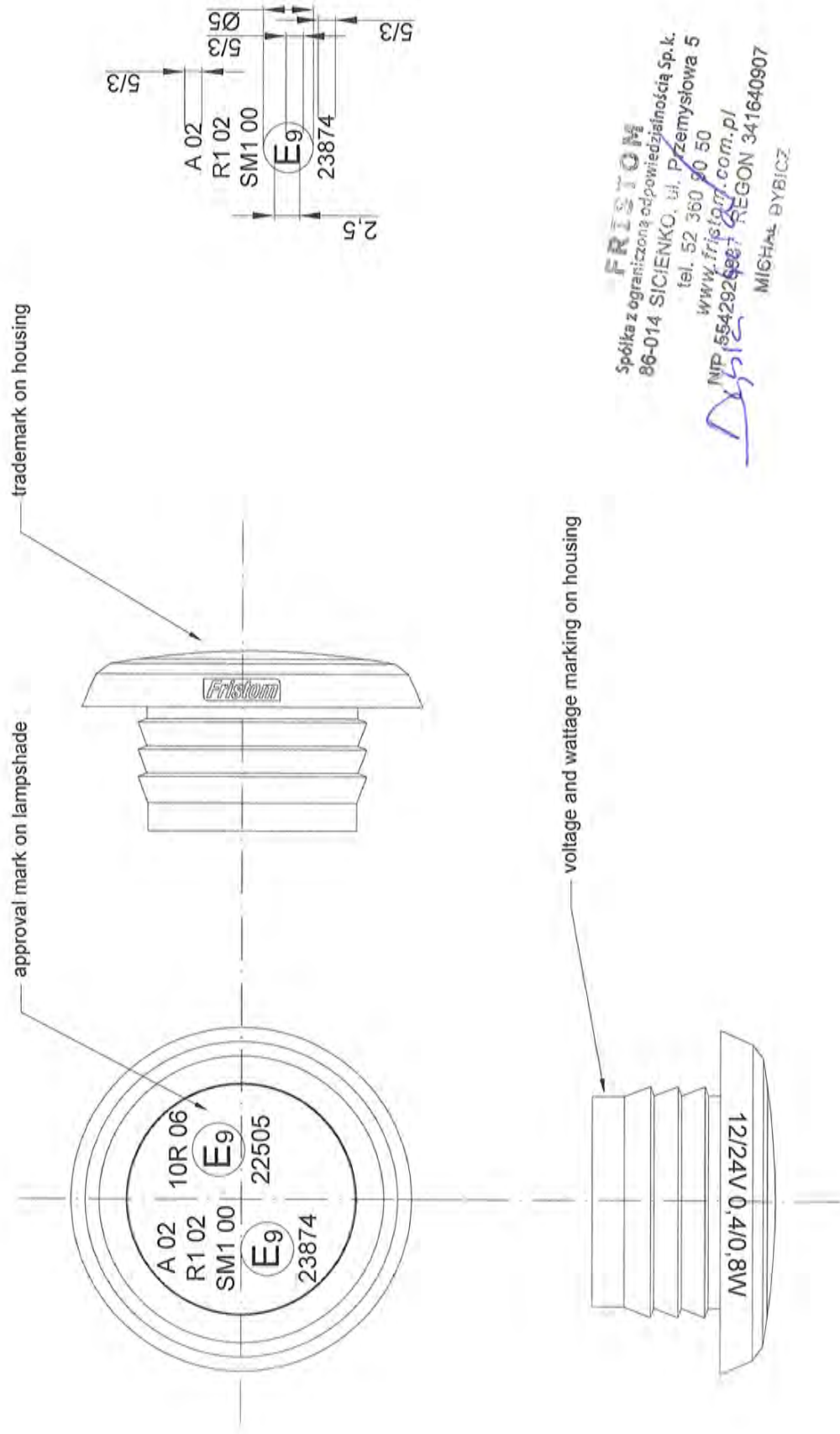
LIGHT SOURCE : LED CHIP SMD chip mounted  
1 LED amber light color

## sheet description

approval markings  
This drawing is a part of the application for approval

## Material used in manufacturing :

- lampshade PC clear transparent
- housing elastic SEBS black
- PCB FR4
- 1 LED amber light color
- potting compound epoxy resin



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86-014 ŚCIEŃKO, ul. Przemysłowa 5  
tel. 52 360 90 50  
www.fristom.com.pl  
NIP 5542926937 REGON 341640907  
MICHAŁ DYBICZ

# Manufacturer

FRISTOM, Spółka z ograniczoną odpowiedzialnością Sp.K.  
86-014 Sicienka / Polska  
ul. Przemysłowa 5  
NIP: 5542926937, KRS: 0000529238  
Tel.: +48 52 360 90 51, Fax: +48 52 327 75 41



Drawn by: Date: 30-10-2020 sheet Nr. 3/4

Michał Dybicz

## Type

FT-074 Z LED - side marking lamp

## light source

LIGHT SOURCE : LED CHIP SMD chip mounted  
1 LED amber light color

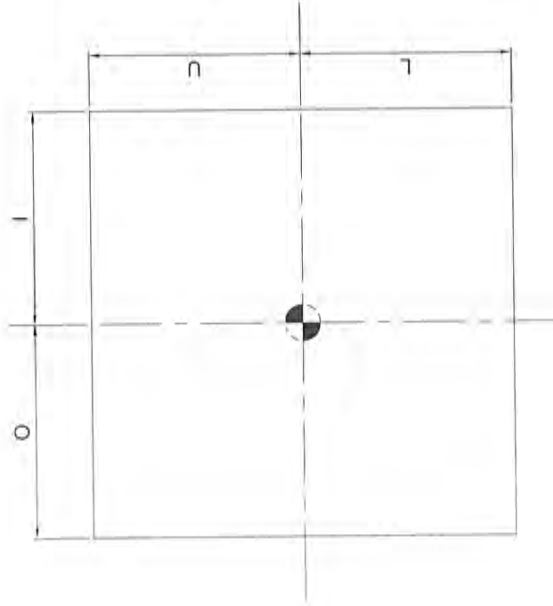
## sheet description

lighting surface

This drawing is a part of the application for approval

## Material used in manufacturing :

- lampshade PC clear transparent
- housing elastic SEBS black
- PCB FR4
- 1 LED amber light color
- potting compound epoxy resin



## lighting surface

function	U (upper limit) (mm)	L (lower limit) (mm)	O (outer limit) (mm)	I (inner limit) (mm)
SM1	9,5	9,5	9,5	9,5

Determining the lower , upper and lateral limits of the illumination surface of the lamp device.

According to European Directive 91/663/EEC , Annex I "Installation of lighting and light-signalling devices" clause 1.9.2.

According to ECE regulation 48/06 "Installation of light and light-signalling devices" clause 2.10.3.2.

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tel. 52 360 90 50

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MICHAŁ DYBICZ

IDIADA PC20090307



## Manufacturer

FRISTOM Spółka z ograniczoną odpowiedzialnością Sp. K.  
86-014 Sicienka / Polska  
ul. Przemysłowa 5  
NIP: 5542926937, KRS: 0000529238  
Tel.: +48 52 360 90 51, Fax: +48 52 327 75 41



Drawn by: **Date:** **sheet Nr.**

30-10-2020

4/4

Michał Dybicz

## Type

FT-074 Z LED - side marking lamp

## Material used in manufacturing :

- lampshade PC clear transparent
- housing elastic SEBS black
- PCB FR4
- 1 LED amber light color
- potting compound epoxy resin

## light source

LIGHT SOURCE : LED CHIP SMD chip mounted  
1 LED amber light color

## sheet description

variant tradenames and descriptions

This drawing is a part of the application for approval

FT-074 B LED	FT-074 B LED Clearance Lamp LED 12-36V, white, round, recessed, cable 0,15m.
FT-074 B LED Mxx	FT-074 B LED Clearance Lamp LED 12-36V, white, round, recessed, cable Mxx.
FT-074 B LED QS075	FT-074 B LED Clearance Lamp LED 12-36V, white, round, recessed, cable QS075 ended.
FT-074 B LED QS150	FT-074 B LED Clearance Lamp LED 12-36V, white, round, recessed, cable QS150 ended.
FT-074 B LED QS075 Mxx	FT-074 B LED Clearance Lamp LED 12-36V, white, round, recessed, cable Mxx QS075 ended.
FT-074 B LED QS150 Mxx	FT-074 B LED Clearance Lamp LED 12-36V, white, round, recessed, cable Mxx QS150 ended.
FT-074 C LED	FT-074 C LED Clearance Lamp LED 12-36V, red, round, recessed, cable 0,15m.
FT-074 C LED Mxx	FT-074 C LED Clearance Lamp LED 12-36V, red, round, recessed, cable Mxx.
FT-074 C LED QS075	FT-074 C LED Clearance Lamp LED 12-36V, red, round, recessed, cable QS075 ended.
FT-074 C LED QS150	FT-074 C LED Clearance Lamp LED 12-36V, red, round, recessed, cable QS150 ended.
FT-074 C LED QS075 Mxx	FT-074 C LED Clearance Lamp LED 12-36V, red, round, recessed, cable Mxx QS075 ended.
FT-074 C LED QS150 Mxx	FT-074 C LED Clearance Lamp LED 12-36V, red, round, recessed, cable Mxx QS150 ended.
FT-074 Z LED	FT-074 Z LED Clearance Lamp LED 12-36V, yellow, round, recessed, cable 0,15m.
FT-074 Z LED Mxx	FT-074 Z LED Clearance Lamp LED 12-36V, yellow, round, recessed, cable Mxx.
FT-074 Z LED QS075	FT-074 Z LED Clearance Lamp LED 12-36V, yellow, round, recessed, cable QS075 ended.
FT-074 Z LED QS150	FT-074 Z LED Clearance Lamp LED 12-36V, yellow, round, recessed, cable QS150 ended.
FT-074 Z LED QS075 Mxx	FT-074 Z LED Clearance Lamp LED 12-36V, yellow, round, recessed, cable Mxx QS075 ended.
FT-074 Z LED QS150 Mxx	FT-074 Z LED Clearance Lamp LED 12-36V, yellow, round, recessed, cable Mxx QS150 ended.

where X is number from 0 till 9

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\* where x is a number between 0-9

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