TM TECHNOLOGIE

EU DECLARATION OF CONFORMITY No. 01/16

CE

1. Product: **Emergency lighting fittings**

2. Name and address of the manufacturer: **TM Technologie Sp. z o.o.**
Morawica 355, 32-084 Morawica, Poland

3. This declaration of conformity is issued under the sole responsibility of the manufacturer.

4. Object of the declaration:

Type: **TM.ONTEC C, D, E, G, R**
Models: **See attachment No. 1**

5. The object of the declaration described above is in conformity with the relevant Union harmonisation legislation:

	Reference number / Date of effect	Title and Official Journal of the EU number
☒	2014/35/EU / 20.04.2016	Low Voltage Directive (**LVD**). *OJ L 96, 29.3.2014, p. 357-374*
☒	2014/30/EU / 20.04.2016	EMC Directive (**EMC**). *OJ L 96, 29.3.2014, p. 79-106*
☒	2011/65/EU / 03.01.2013	Restriction of the use of certain hazardous substances in electrical and electronic equipment (**RoHS2**). *OJ L 174, 1.7.2011, p. 88-110*

6. References to the relevant harmonised standards used or references to the other technical specifications in relation to which conformity is declared:

EN 60598-1:2008+A1:2009
EN 60598-2-22:1988+AC:1999+A1:2003+AC:2005 A2:2008
EN 61347-1:2010/A1:2011/A2:2013
EN 61347-2-7:2012
EN 61347-2-13:2014
EN 55015:2013
EN 61000-3-2:2006/A1:2009/A2:2009
EN 62031:2008/A1:2013/A2:2015
EN 62471:2008
EN 1838:2013

7. Additional information:

Signed for and on behalf of:

Place and date of issue: Morawica, 20-04-2016

Name, function, signature:

Maciej Żółciński
Board Member

Tomasz Kaczor
Board Member

Product data:

Product	Emergeny lighting luminaire with LED light source
Rated voltage	230Vac - for self-contained
	230Vac; 216Vdc - for centrally supplied
Nature of supply	ac/dc
Rated frequency	50-60Hz; DC
Class	II
Degree of protection	IP 20
Ambient temperature range (ta):	+10ºC to +35ºC for self-contained luminaires
	-15ºC to +35ºC for self-contained luminaires COLD version
	-10ºC to +40ºC for centrally supplied luminaires CB2, CB3, CB4 version
	-15ºC to +55ºC for centrally supplied luminaires CB1 version
Description	Self-contained maintain/non maintain and centrally supplied. Suitable for recessed or surface mounting.

List of models:

Type	Models	Battery pack	LED module	Controlgear	Duration time	Mode	Version (w)
TM.ONTEC C	M1U (C1U,W1U,S1U,F1U) 101 NM w	Ni-Cd HT 3.6V 800mAh	010290, 1 LED	010297	1h	NM	ST
TM.ONTEC C	M1U (C1U,W1U,S1U,F1U) 301 NM w	Ni-Cd HT 3.6V 1500mAh	010290, 1 LED	010297	3h	NM	ST
TM.ONTEC C	M1M (C1M,W1M,S1M,F1M) 102 NM w	Ni-Cd HT 3.6V 1500mAh	010290, 1 LED	010297	1h	NM	ST
TM.ONTEC C	M1M (C1M,W1M,S1M,F1M) 302 NM w	Ni-Cd HT 3.6V 2500mAh	010290, 1 LED	010297	3h	NM	ST
TM.ONTEC C	M1 (C1E,W1E,S1E,F1E) 101 M w	Ni-Cd HT 3.6V 800mAh	010290, 1 LED	010236A	1h	M	ST, AT, DATA, DATA2
TM.ONTEC C	M1 (C1E,W1E,S1E,F1E) 301 M w	Ni-Cd HT 3.6V 1500mAh	010290, 1 LED	010236A	3h	M	ST, AT, DATA, DATA2
TM.ONTEC C	M2 (C1,W1,S1,F1) 102 M w	LiFePO4/C 6.4V 570mAh	010290, 1 LED	010236A	1h	M	ST, AT, DATA, DATA2
TM.ONTEC C	M2 (C1,W1,S1,F1) 302 M w	LiFePO4/C 6.4V 1500mAh	010290, 1 LED	010236A	3h	M	ST, AT, DATA, DATA2
TM.ONTEC C	M2 (C1,W1,S1,F1) 102 M w **COLD**	LiFePO4/C 6.4V 1500mAh	010290, 1 LED	010236A	1h	M	ST, AT, DATA, DATA2
TM.ONTEC C	M2 (C1,W1,S1,F1) 302 M w **COLD**	LiFePO4/C 6.4V 3000mAh	010290, 1 LED	010236A	3h	M	ST, AT, DATA, DATA2
TM.ONTEC C	M2H (C1H,W1H,S1H,F1H) 103 M w	LiFePO4/C 6.4V 1500mAh	010290, 1 LED	010236A	1h	M	ST, AT, DATA, DATA2
TM.ONTEC C	M2H (C1H,W1H,S1H,F1H) 303 M w	LiFePO4/C 6.4V 3000mAh	010290, 1 LED	010236A	3h	M	ST, AT, DATA, DATA2
TM.ONTEC C	M2H (C1H,W1H,S1H,F1H) 103 M w **COLD**	LiFePO4/C 6.4V 3000mAh	010290, 1 LED	010236A	1h	M	ST, AT, DATA, DATA2
TM.ONTEC C	M1 (C1E,W1E,S1E,F1E) 101 NM w	Ni-Cd HT 3.6V 800mAh	010290, 1 LED	010236A	1h	NM	ST, AT, DATA, DATA2
TM.ONTEC C	M1 (C1E,W1E,S1E,F1E) 301 NM w	Ni-Cd HT 3.6V 1500mAh	010290, 1 LED	010236A	3h	NM	ST, AT, DATA, DATA2
TM.ONTEC C	M2 (C1,W1,S1,F1) 102 NM w	LiFePO4/C 6.4V 570mAh	010290, 1 LED	010236A	1h	NM	ST, AT, DATA, DATA2
TM.ONTEC C	M2 (C1,W1,S1,F1) 302 NM w	LiFePO4/C 6.4V 1500mAh	010290, 1 LED	010236A	3h	NM	ST, AT, DATA, DATA2
TM.ONTEC C	M2 (C1,W1,S1,F1) 102 NM w **COLD**	LiFePO4/C 6.4V 1500mAh	010290, 1 LED	010236A	1h	NM	ST, AT, DATA, DATA2
TM.ONTEC C	M2 (C1,W1,S1,F1) 302 NM w **COLD**	LiFePO4/C 6.4V 3000mAh	010290, 1 LED	010236A	3h	NM	ST, AT, DATA, DATA2
TM.ONTEC C	M2H (C1H,W1H,S1H,F1H) 103 NM w	LiFePO4/C 6.4V 1500mAh	010290, 1 LED	010236A	1h	NM	ST, AT, DATA, DATA2
TM.ONTEC C	M2H (C1H,W1H,S1H,F1H) 303 NM w	LiFePO4/C 6.4V 3000mAh	010290, 1 LED	010236A	3h	NM	ST, AT, DATA, DATA2
TM.ONTEC C	M2H (C1H,W1H,S1H,F1H) 103 NM w **COLD**	LiFePO4/C 6.4V 3000mAh	010290, 1 LED	010236A	1h	NM	ST, AT, DATA, DATA2
TM.ONTEC C	M1 (C1E,W1E,S1E,F1E) 01 CBw	-	010290, 1 LED	010236A	-	-	1,2,3,4
TM.ONTEC C	M2 (C1,W1,S1,F1) 02 CBw	-	010290, 1 LED	010236A	-	-	1,2,3,4
TM.ONTEC C	M2H (C1H,W1H,S1H,F1H) 03 CBw	-	010290, 1 LED	010236A	-	-	1,2,3,4

TM.ONTEC C Xnn Hpp A w [COLD]

Legend:

X : Models M or C,W,S,F
- M - is luminaire without optics
- C - is luminaire with Emerald-A optic
- W - is luminaire with Strada-FT optic
- S - is luminaire with Strada-SQ-VSM optic
- F - is luminaire with Flare-MINI optic

nn: 1U - `
- 1M - controlgear with AC tarnsformer (only NM ST version, luminous flux >240 lm)
- 1 (for M) , 1E - controlgear with impulse power supply (luminous flux >120 lm)
- 2 (for M), 1 - controlgear with impulse power supply (luminous flux >240 lm)
- 2H, 1H - controlgear with impulse power supply (luminous flux >350 lm)

H: Duration time
- 1 - 60 minutes
- 3 - 180 minutes

pp: LED power
- 01 = 1W
- 02 = 2W
- 03 = 3W

A: Mode
- M - maintained mode
- NM - non maintained mode

w: Test type/application
- ST - manual test
- AT - individual automatic test
- DATA, DATA 2 - central automatic test
- CBw - for central battery system
- CB1 - without additional module
- CB2 - version with addressable module DCBLU05
- CB3 - vesrion with addressable module MU05
- CB4 - version with addressable module 010313

(ST, AT, DATA, DATA 2, CB)	- connect the appriotriate module
AT	- PCB 010233 AT module
DATA	- PCB 010233 DATA module
DATA 2	- PCB 010205A DATA 2 module
ST, CB	- without additional module

LiFePO4/C - battery pack with integrated charge/discharge controler.

Product data:

Product	Emergeny lighting luminaire with LED light source
Rated voltage	230Vac - for self-contained
	230Vac; 216Vdc - for centrally supplied
Nature of supply	ac/dc
Rated frequency	50-60Hz; DC
Class	II
Degree of protection	IP 20
Ambient temperature range (ta):	+10ºC to +35ºC for self-contained luminaires
	-15ºC to +35ºC for self-contained luminaires COLD version
	-10ºC to +40ºC for centrally supplied luminaires CB2, CB3, CB4 version
	-15ºC to +55ºC for centrally supplied luminaires CB1 version
Description	Self-contained maintain/non maintain and centrally supplied. Suitable for recessed mounting.

List of models:

Type	Models	Battery pack	LED module	Controlgear	Duration time	Mode	Version (w)
TM.ONTEC D	M1U (C1U,W1U,S1U,F1U) 101 NM w	Ni-Cd HT 3.6V 800mAh	010290, 1 LED	010297	1h	NM	ST
TM.ONTEC D	M1U (C1U,W1U,S1U,F1U) 301 NM w	Ni-Cd HT 3.6V 1500mAh	010290, 1 LED	010297	3h	NM	ST
TM.ONTEC D	M1M (C1M,W1M,S1M,F1M) 102 NM w	Ni-Cd HT 3.6V 1500mAh	010290, 1 LED	010297	1h	NM	ST
TM.ONTEC D	M1M (C1M,W1M,S1M,F1M) 302 NM w	Ni-Cd HT 3.6V 2500mAh	010290, 1 LED	010297	3h	NM	ST
TM.ONTEC D	M1 (C1E,W1E,S1E,F1E) 101 M w	Ni-Cd HT 3.6V 800mAh	010290, 1 LED	010236A	1h	M	ST, AT, DATA, DATA2
TM.ONTEC D	M1 (C1E,W1E,S1E,F1E) 301 M w	Ni-Cd HT 3.6V 1500mAh	010290, 1 LED	010236A	3h	M	ST, AT, DATA, DATA2
TM.ONTEC D	M2 (C1,W1,S1,F1) 102 M w	LiFePO4/C 6.4V 570mAh	010290, 1 LED	010236A	1h	M	ST, AT, DATA, DATA2
TM.ONTEC D	M2 (C1,W1,S1,F1) 302 M w	LiFePO4/C 6.4V 1500mAh	010290, 1 LED	010236A	3h	M	ST, AT, DATA, DATA2
TM.ONTEC D	M2 (C1,W1,S1,F1) 102 M w **COLD**	LiFePO4/C 6.4V 1500mAh	010290, 1 LED	010236A	1h	M	ST, AT, DATA, DATA2
TM.ONTEC D	M2 (C1,W1,S1,F1) 302 M w **COLD**	LiFePO4/C 6.4V 3000mAh	010290, 1 LED	010236A	3h	M	ST, AT, DATA, DATA2
TM.ONTEC D	M2H (C1H,W1H,S1H,F1H) 103 M w	LiFePO4/C 6.4V 1500mAh	010290, 1 LED	010236A	1h	M	ST, AT, DATA, DATA2
TM.ONTEC D	M2H (C1H,W1H,S1H,F1H) 303 M w	LiFePO4/C 6.4V 3000mAh	010290, 1 LED	010236A	3h	M	ST, AT, DATA, DATA2
TM.ONTEC D	M2H (C1H,W1H,S1H,F1H) 103 M w **COLD**	LiFePO4/C 6.4V 3000mAh	010290, 1 LED	010236A	1h	M	ST, AT, DATA, DATA2
TM.ONTEC D	M1 (C1E,W1E,S1E,F1E) 101 NM w	Ni-Cd HT 3.6V 800mAh	010290, 1 LED	010236A	1h	NM	ST, AT, DATA, DATA2
TM.ONTEC D	M1 (C1E,W1E,S1E,F1E) 301 NM w	Ni-Cd HT 3.6V 1500mAh	010290, 1 LED	010236A	3h	NM	ST, AT, DATA, DATA2
TM.ONTEC D	M2 (C1,W1,S1,F1) 102 NM w	LiFePO4/C 6.4V 570mAh	010290, 1 LED	010236A	1h	NM	ST, AT, DATA, DATA2
TM.ONTEC D	M2 (C1,W1,S1,F1) 302 NM w	LiFePO4/C 6.4V 1500mAh	010290, 1 LED	010236A	3h	NM	ST, AT, DATA, DATA2
TM.ONTEC D	M2 (C1,W1,S1,F1) 102 NM w **COLD**	LiFePO4/C 6.4V 1500mAh	010290, 1 LED	010236A	1h	NM	ST, AT, DATA, DATA2
TM.ONTEC D	M2 (C1,W1,S1,F1) 302 NM w **COLD**	LiFePO4/C 6.4V 3000mAh	010290, 1 LED	010236A	3h	NM	ST, AT, DATA, DATA2
TM.ONTEC D	M2H (C1H,W1H,S1H,F1H) 103 NM w	LiFePO4/C 6.4V 1500mAh	010290, 1 LED	010236A	1h	NM	ST, AT, DATA, DATA2
TM.ONTEC D	M2H (C1H,W1H,S1H,F1H) 303 NM w	LiFePO4/C 6.4V 3000mAh	010290, 1 LED	010236A	3h	NM	ST, AT, DATA, DATA2
TM.ONTEC D	M2H (C1H,W1H,S1H,F1H) 103 NM w **COLD**	LiFePO4/C 6.4V 3000mAh	010290, 1 LED	010236A	1h	NM	ST, AT, DATA, DATA2
TM.ONTEC D	M1 (C1E,W1E,S1E,F1E) 01 CBw	-	010290, 1 LED	010236A	-	-	1,2,3,4
TM.ONTEC D	M2 (C1,W1,S1,F1) 02 CBw	-	010290, 1 LED	010236A	-	-	1,2,3,4
TM.ONTEC D	M2H (C1H,W1H,S1H,F1H) 03 CBw	-	010290, 1 LED	010236A	-	-	1,2,3,4

TM.ONTEC D Xnn Hpp A w [COLD]

Legend:

X : Models M or C,W,S,F
- M - is luminaire without optics
- C - is luminaire with Emerald-A optic
- W - is luminaire with Strada-FT optic
- S - is luminaire with Strada-SQ-VSM optic
- F - is luminaire with Flare-MINI optic

nn:
- 1U - controlgear with AC tarnsformer (only NM ST version, luminous flux >120 lm)
- 1M - controlgear with AC tarnsformer (only NM ST version, luminous flux >240 lm)
- 1 (for M) , 1E - controlgear with impulse power supply (luminous flux >120 lm)
- 2 (for M), 1 - controlgear with impulse power supply (luminous flux >240 lm)
- 2H, 1H - controlgear with impulse power supply (luminous flux >350 lm)

H: Duration time
- 1 - 60 minutes
- 3 - 180 minutes

pp: LED power
- 01 = 1W
- 02 = 2W
- 03 = 3W

A: Mode
- M - maintained mode
- NM - non maintained mode

w: Test type/application
- ST - manual test
- AT - individual automatic test
- DATA, DATA 2 - central automatic test
- CBw - for central battery system
- CB1 - without additional module
- CB2 - version with addressable module DCBLU05
- CB3 - vesrion with addressable module MU05
- CB4 - version with addressable module 010313

(ST, AT, DATA, DATA 2, CB)	- connect the appriotriate module
AT	- PCB 010233 AT module
DATA	- PCB 010233 DATA module
DATA 2	- PCB 010205A DATA 2 module
ST, CB	- without additional module

LiFePO4/C - battery pack with integrated charge/discharge controler.

Product data:

Product	Emergeny evacuation lighting luminaire with LED light source
Rated voltage	230Vac - for self-contained 230Vac; 216Vdc - for centrally supplied
Nature of supply	ac/dc
Rated frequency	50-60Hz; DC
Class	II
Degree of protection	IP 20
Ambient temperature range (ta):	+10ºC to +35ºC for self-contained luminaires -15ºC to +35ºC for self-contained luminaires COLD version -10ºC to +40ºC for centrally supplied luminaires CB2, CB3, CB4 version -15ºC to +55ºC for centrally supplied luminaires CB1 version
Description	Self-contained maintain/non maintain and centrally supplied. Suitable for recessed or surface mounting and also can be use as evacuation light.

List of models:

Type	Models	Battery pack	LED module	Controlgear	Duration time	Mode	Version (w)
TM.ONTEC E	E1A 101 NM	Ni-Cd HT 3.6V 400mAh/800mAh	010295, 8 LED	010299	1h	NM	ST
TM.ONTEC E	E1A 301 NM	Ni-Cd HT 3.6V 800mAh	010295, 8 LED	010299	3h	NM	ST
TM.ONTEC E	E1U 101 NM	LiFePO4/C 6.4V 570mAh	010295, 8 LED	010299	1h	NM	ST
TM.ONTEC E	E1U 301 NM	LiFePO4/C 6.4V 570mAh or 1000mAh	010295, 8 LED	010299	3h	NM	ST
TM.ONTEC E	E1B 101 M w	Ni-Cd HT 3.6V 400mAh/800mAh	010295, 8 LED	010221A	1h	M	ST, AT, DATA, DATA2
TM.ONTEC E	E1B 301 M w	Ni-Cd HT 3.6V 800mAh	010295, 8 LED	010221A	3h	M	ST, AT, DATA, DATA2
TM.ONTEC E	E1E 101 M w	LiFePO4/C 6.4V 570mAh	010295, 8 LED	010221A	1h	M	ST, AT, DATA, DATA2
TM.ONTEC E	E1E 301 M w	LiFePO4/C 6.4V 570mAh or 1000mAh	010295, 8 LED	010221A	3h	M	ST, AT, DATA, DATA2
TM.ONTEC E	E1P 101 M w	LiFePO4/C 6.4V 570mAh or LiFePO4/C 6.4V 1000mAh or 1500mAh	010295, 8 LED	010221A	1h	M	ST, AT, DATA, DATA2
TM.ONTEC E	E1P 301 M w	LiFePO4/C 6.4V 1500mAh	010295, 8 LED	010221A	3h	M	ST, AT, DATA, DATA2
TM.ONTEC E	E1P 101 M w **COLD**	LiFePO4/C 6.4V 1500mAh	010295, 8 LED	010221A	1h	M	ST, AT, DATA, DATA2
TM.ONTEC E	E1P 301 M w **COLD**	LiFePO4/C 6.4V 3000mAh	010295, 8 LED	010221A	3h	M	ST, AT, DATA, DATA2
TM.ONTEC E	E1B 101 NM w	Ni-Cd HT 3.6V 400mAh/800mAh	010295, 8 LED	010221A	1h	NM	ST, AT, DATA, DATA2
TM.ONTEC E	E1B 301 NM w	Ni-Cd HT 3.6V 800mAh	010295, 8 LED	010221A	3h	NM	ST, AT, DATA, DATA2
TM.ONTEC E	E1E 101 NM w	LiFePO4/C 6.4V 570mAh	010295, 8 LED	010221A	1h	NM	ST, AT, DATA, DATA2
TM.ONTEC E	E1E 301 NM w	LiFePO4/C 6.4V 570mAh or 1000mAh	010295, 8 LED	010221A	3h	NM	ST, AT, DATA, DATA2
TM.ONTEC E	E1P 101 NM w	LiFePO4/C 6.4V 570mAh or LiFePO4/C 6.4V 1000mAh or 1500mAh	010295, 8 LED	010221A	1h	NM	ST, AT, DATA, DATA2
TM.ONTEC E	E1P 301 NM w	LiFePO4/C 6.4V 1500mAh	010295, 8 LED	010221A	3h	NM	ST, AT, DATA, DATA2
TM.ONTEC E	E1P 101 NM w **COLD**	LiFePO4/C 6.4V 1500mAh	010295, 8 LED	010221A	1h	NM	ST, AT, DATA, DATA2
TM.ONTEC E	E1P 301 NM w **COLD**	LiFePO4/C 6.4V 3000mAh	010295, 8 LED	010221A	3h	NM	ST, AT, DATA, DATA2
TM.ONTEC E	E1E 01 CBw	-	010295, 8 LED	010221A	-	-	1,2,3,4
TM.ONTEC E	E1P 01 CBw	-	010295, 8 LED	010221A	-	-	1,2,3,4

TM.ONTEC E E1e Hpp A w [COLD]

Legend:

e: U,A – controlgear with AC tarnsformer (only NM ST version, luminance >300 cd/m2)
E,B – controlgear with impulse power supply (luminance >300 cd/m2)
P – controlgear with impulse power supply (average luminance >500 cd/m2)

H: Duration time
1 – 60 minutes
3 - 180 minutes

pp: LED power
01 = 1W

A: Mode
M - maintained mode
NM - non maintained mode

w: Test type/application
ST - manual test
AT - individual automatic test
DATA, DATA 2 - central automatic test
CBw - for central battery system
CB1 - without additional module
CB2 - version with addressable module DCBLU05
CB3 - vesrion with addressable module MU05
CB4 - version with addressable module 010312

(ST, AT, DATA, DATA 2, CB)	- connect the appriotriate module
AT	- PCB 010233 AT module
DATA	- PCB 010233 DATA module
DATA 2	- PCB 010205A DATA 2 module
ST, CB	- without additional module

Mounting label: N - surface mounting, P - receseed

LiFePO4/C - battery pack with integrated charge/discharge controler.

Product data:

Product	Emergeny evacuation lighting luminaire with LED light source
Rated voltage	230Vac - for self-contained
	230Vac; 216Vdc - for centrally supplied
Nature of supply	ac/dc
Rated frequency	50-60Hz; DC
Class	II
Degree of protection	IP 20
Ambient temperature range (ta):	+10ºC to +35ºC for self-contained luminaires
	-15ºC to +35ºC for self-contained luminaires COLD version
	-10ºC to +40ºC for centrally supplied luminaires CB2 version
	-15ºC to +55ºC for centrally supplied luminaires CB1 version
Description	Self-contained maintain/non maintain and centrally supplied. Suitable for recessed or surface mounting and also can be use as evacuation light.

List of models:

Type	Models	Battery pack	LED module	Controlgear	Duration time	Mode	Version (w)
TM.ONTEC G	E1A 101 NM	Ni-Cd HT 3.6V 400mAh/800mAh	010294, 8 LED	010299	1h	NM	ST
TM.ONTEC G	E1A 301 NM	Ni-Cd HT 3.6V 800mAh	010294, 8 LED	010299	3h	NM	ST
TM.ONTEC G	E1U 101 NM	LiFePO4/C 6.4V 570mAh	010294, 8 LED	010299	1h	NM	ST
TM.ONTEC G	E1U 301 NM	LiFePO4/C 6.4V 570mAh or 1000mAh	010294, 8 LED	010299	3h	NM	ST
TM.ONTEC G	E1B 101 M w	Ni-Cd HT 3.6V 400mAh/800mAh	010294, 8 LED	010221A	1h	M	ST, AT, DATA, DATA2
TM.ONTEC G	E1B 301 M w	Ni-Cd HT 3.6V 800mAh	010294, 8 LED	010221A	3h	M	ST, AT, DATA, DATA2
TM.ONTEC G	E1E 101 M w	LiFePO4/C 6.4V 570mAh	010294, 8 LED	010221A	1h	M	ST, AT, DATA, DATA2
TM.ONTEC G	E1E 301 M w	LiFePO4/C 6.4V 570mAh or 1000mAh	010294, 8 LED	010221A	3h	M	ST, AT, DATA, DATA2
TM.ONTEC G	E1P 101 M w	LiFePO4/C 6.4V 570mAh	010294, 16 LED	010221A	1h	M	ST, AT, DATA, DATA2
TM.ONTEC G	E1P 301 M w	LiFePO4/C 6.4V 1500mAh	010294, 16 LED	010221A	3h	M	ST, AT, DATA, DATA2
TM.ONTEC G	E1B 101 NM w	Ni-Cd HT 3.6V 400mAh/800mAh	010294, 8 LED	010221A	1h	NM	ST, AT, DATA, DATA2
TM.ONTEC G	E1B 301 NM w	Ni-Cd HT 3.6V 800mAh	010294, 8 LED	010221A	3h	NM	ST, AT, DATA, DATA2
TM.ONTEC G	E1E 101 NM w	LiFePO4/C 6.4V 570mAh	010294, 8 LED	010221A	1h	NM	ST, AT, DATA, DATA2
TM.ONTEC G	E1E 301 NM w	LiFePO4/C 6.4V 570mAh or 1000mAh	010294, 8 LED	010221A	3h	NM	ST, AT, DATA, DATA2
TM.ONTEC G	E1P 101 NM w	LiFePO4/C 6.4V 570mAh	010294, 16 LED	010221A	1h	NM	ST, AT, DATA, DATA2
TM.ONTEC G	E1P 301 NM w	LiFePO4/C 6.4V 1500mAh	010294, 16 LED	010221A	3h	NM	ST, AT, DATA, DATA2
TM.ONTEC G	E1E 01 CBw	-	010294, 8 LED	010221A	-	-	1,2
TM.ONTEC G	E1P 01 CBw	-	010294, 16 LED	010221A	-	-	1,2

TM.ONTEC G E1e Hpp A w

Legend:

e: U,A – controlgear with AC tarnsformer (only NM ST version, luminance >300 cd/m2)
E,B – controlgear with impulse power supply (luminance >300 cd/m2)
P – controlgear with impulse power supply (average luminance >500 cd/m2)

H: Duration time
1 – 60 minutes
3 - 180 minutes

pp: LED power
01 = 1W

A: Mode
M - maintained mode
NM - non maintained mode

w: Test type/application
ST - manual test
AT - individual automatic test
DATA, DATA 2 - central automatic test
CBw - for central battery system
CB1 - without additional module
CB2 - version with addressable module 010312

(ST, AT, DATA, DATA 2, CB)	- connect the appriotriate module
AT	- PCB 010233 AT module
DATA	- PCB 010233 DATA module
DATA 2	- PCB 010205A DATA 2 module
ST, CB	- without additional module

Mounting label: N - surface mounting, P - receseed

LiFePO4/C - battery pack with integrated charge/discharge controler.

Product data:

Product	Emergeny lighting luminaire with LED light source
Rated voltage	230Vac - for self-contained 230Vac; 216Vdc - for centrally supplied
Nature of supply	ac/dc
Rated frequency	50-60Hz; DC
Class	II
Degree of protection	IP 20
Ambient temperature range (ta):	+10°C to +35°C for self-contained luminaires -15°C to +35°C for self-contained luminaires COLD version -10°C to +40°C for centrally supplied luminaires CB2, CB3 version -15°C to +55°C for centrally supplied luminaires CB1 version
Description	Self-contained maintain/non maintain and centrally supplied. Suitable for recessed or surface mounting and also can be use as evacuation light.

List of models:

Type	Models	Battery pack	LED module	Controlgear	Duration time	Mode	Version (w)
TM.ONTEC R	M1U (C1U,W1U,S1U,F1U) 101 NM w	LiFePO4/C 3.2V 1000mAh	010293, 1 LED	010298	1h	NM	ST
TM.ONTEC R	M1U (C1U,W1U,S1U,F1U) 301 NM w	LiFePO4/C 3.2V 1500mAh	010293, 1 LED	010298	3h	NM	ST
TM.ONTEC R	M2 (C1,W1,S1,F1) 102 M w	LiFePO4/C 6.4V 1000mAh or 1500mAh	010293, 1 LED	010201A	1h	M	ST, AT, DATA, DATA2
TM.ONTEC R	M2 (C1,W1,S1,F1) 302 M w	LiFePO4/C 6.4V 1500mAh	010293, 1 LED	010201A	3h	M	ST, AT, DATA, DATA2
TM.ONTEC R	M2 (C1,W1,S1,F1) 102 M w **COLD**	LiFePO4/C 6.4V 1500mAh	010293, 1 LED	010201A	1h	M	ST, AT, DATA, DATA2
TM.ONTEC R	M2 (C1,W1,S1,F1) 302 M w **COLD**	LiFePO4/C 6.4V 3000mAh	010293, 1 LED	010201A	3h	M	ST, AT, DATA, DATA2
TM.ONTEC R	M5 (C2,W2,S2,F2) 105 M w	LiFePO4/C 6.4V 1500mAh	010293, 2 LED	010201A	1h	M	ST, AT, DATA, DATA2
TM.ONTEC R	M5 (C2,W2,S2,F2) 305 M w	LiFePO4/C 6.4V 3000mAh	010293, 2 LED	010201A	3h	M	ST, AT, DATA, DATA2
TM.ONTEC R	M5 (C2,W2,S2,F2) 105 M w **COLD**	LiFePO4/C 6.4V 3000mAh	010293, 2 LED	010201A	1h	M	ST, AT, DATA, DATA2
TM.ONTEC R	E1 301 M w	LiFePO4/C 3.2V 1000mAh or 1500mAh	010315, 8 LED	010201A	3h	M	ST, AT, DATA, DATA2
TM.ONTEC R	M2 (C1,W1,S1,F1) 102 NM w	LiFePO4/C 6.4V 1000mAh or 1500mAh	010293, 1 LED	010201A	1h	NM	ST, AT, DATA, DATA2
TM.ONTEC R	M2 (C1,W1,S1,F1) 302 NM w	LiFePO4/C 6.4V 1500mAh	010293, 1 LED	010201A	3h	NM	ST, AT, DATA, DATA2
TM.ONTEC R	M2 (C1,W1,S1,F1) 102 NM w **COLD**	LiFePO4/C 6.4V 1500mAh	010293, 1 LED	010201A	1h	NM	ST, AT, DATA, DATA2
TM.ONTEC R	M2 (C1,W1,S1,F1) 302 NM w **COLD**	LiFePO4/C 6.4V 3000mAh	010293, 1 LED	010201A	3h	NM	ST, AT, DATA, DATA2
TM.ONTEC R	M5 (C2,W2,S2,F2) 105 NM w	LiFePO4/C 6.4V 1500mAh	010293, 2 LED	010201A	1h	NM	ST, AT, DATA, DATA2
TM.ONTEC R	M5 (C2,W2,S2,F2) 305 NM w	LiFePO4/C 6.4V 3000mAh	010293, 2 LED	010201A	3h	NM	ST, AT, DATA, DATA2
TM.ONTEC R	M5 (C2,W2,S2,F2) 105 NM w **COLD**	LiFePO4/C 6.4V 3000mAh	010293, 2 LED	010201A	1h	NM	ST, AT, DATA, DATA2
TM.ONTEC R	E1 301 NM w	LiFePO4/C 3.2V 1000mAh or 1500mAh	010315, 8 LED	010201A	3h	NM	ST, AT, DATA, DATA2
TM.ONTEC R	M2 (C1,W1,S1,F1) 02 CBw	-	010293, 1 LED	010201A	-	-	1,2,3
TM.ONTEC R	M5 (C2,W2,S2,F2) 05 CBw	-	010293, 2 LED	010201A	-	-	1,2,3
TM.ONTEC R	E1 01 CBw	-	010315, 8 LED	010201A	-	-	1,2,3

TM.ONTEC R Xne Hpp A w [COLD]

Legend:

X :
- Models M or C,W,S,F
- M - is luminaire without optics
- C - is luminaire with Emerald-A
- W - is luminaire with Strada-FT
- S - is luminaire with STRADA-SQ-VSM
- F - is luminaire with Flare-MINI
- E - is luminaire with evacuation sign

n :
- 1 - 1 LED for C,W,F,S or 8 LED for E
- 2 - 010293, 2 LED for C,W,F,S or 1 LED for M
- 5 - 010293, 2 LED for M

e:
- U – controlgear with AC tarnsformer (only NM ST version)
- no marking – controlgear with impulse power supply

H:
- Duration time
- 1 - 60 minutes
- 3 - 180 minutes

pp:
- LED power
- 01 = 1W
- 02 = 2W
- 05 = 5W

A:
- Mode
- M - maintained mode
- NM - non maintained mode

w:
- Test type/application
- ST - manual test
- AT - individual automatic test
- DATA, DATA 2 - central automatic test
- CBw - for central battery system
- CB1 - without additional module
- CB2 - version with addressable module DCBLU05
- CB3 - version with addressable module 010311

(ST, AT, DATA, DATA 2, CB)	- connect the appriotriate module
AT	- PCB 010233 AT module
DATA	- PCB 010233 DATA module
DATA 2	- PCB 010205A DATA 2 module
ST, CB	- without additional module

Mounting label: N - surface mounting, P - receseed

LiFePO4/C - battery pack with integrated charge/discharge controler.