# Base Load Power Hub (BLPH)

## LIGHTING FIXTURE

## GENERAL ARRANGEMENT AND DIMENSIONAL DRAWINGS (INCLUDING TERMINAL SCHEDULE)

Document Number: 1724001290-IN-DA-00003

01

Document Class: 2

| Rev. | Date | Description | Prepared | Reviewed | Approved |
|---|---|---|---|---|---|
| 01 | 05/08/2024 | Accepted for Construction (AFC) | A. FRATTARUOLO | M. GIUSTI | R. GRATTON |
| 00 | 23/07/2024 | Issue for Review (IFR) | A. FRATTARUOLO | M. GIUSTI | R. GRATTON |

CORTEM GROUP
To be sure to be safe.

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## Revision / Change Log

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## HOLDS LIST

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## TERMINAL SCHEDULE

| ITEM | DESCRIPTION | TYPE | Q.TY | MANUFACTURER |
|---|---|---|---|---|
| 1 | PANEL MOUNTABLE MODULAR MULLTI-POLE TERMINALS, 4mm $^2$ | BPL.4 & BPL/R | 2+2 | CABUR |
| 2 | PANEL MOUNTABLE MODULAR MULLTI-POLE TERMINALS, 4mm $^2$ | BPL.4 & BPL/R | 2+6 | CABUR |

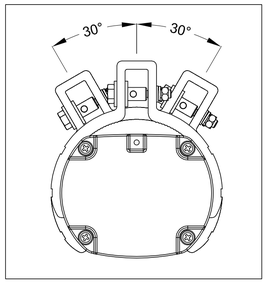
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MODEL C-225 REV.1

GENERAL NOTE:
- PO: 1724001290 DD 26/06/2024
- ITEM.: 1
- Q.TY: 57
- EXTERNAL PAINTING: RAL 7022 (END CAPS)
- INTERNAL PAINTING: NOT PAINTED
- ALL DIMENSIONS ARE IN mm

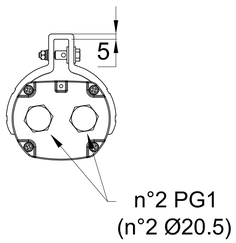
STANDARD FIXING BRACKET
FASTENING WITH 2 THREADED M8
HOLES, ADJUSTABLE FROM 0° TO ±30°



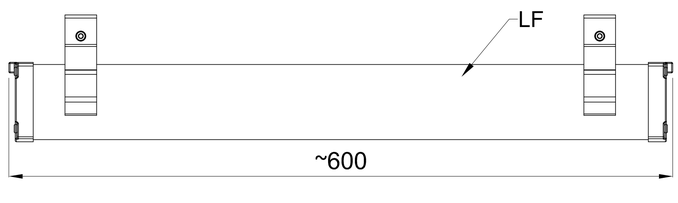

| LF INFORMATION | |
|---|---|
| NOMINAL POWER | 45W |
| CONSUMED POWER | 43,5W |
| POWER FACTOR | >0,93 |
| RATED CURRENT | 200 mA |
| VIEWING ANGLE | 120° |
| COLOUR TEMP. | 5000 K |
| CRI | >80 |
| INSTANT RESTRIKE | YES |
| LUMEN | 6200 lm |
| LIGHT INTENSITY | 2248 cd |
| EFFICIENCY | 143 lm/W |
| WEIGHT | 2,5 Kg |
| IP PROTECTION | IP66 |

| N° | Q.TY | CODE | DESCRIPTION |
|---|---|---|---|
| LF | 1 | LIFEX-ME-0645-BB | 110-277Vac 50-60Hz 45W LED LINEAR LIGHTING FIXTURE<br>BODY: ALUMINUM ALLOY EXTRUSION AND ALUMINUM END CAPS<br>TRANSPARENT PART: GLASS RESISTANT TO SHOCKS, UV RAYS AND IMPACT RESISTANCE IK09<br>GASKETS: ACID AND HYDROCARBON RESISTANT SILICONE<br>ASSEMBLY: FASTENING BRACKETS FOR M8 HOLES, ADJUSTABLE 0° TO ±30° MADE IN ANODIZED ALUMINUM<br>CONNECTION: TERMINAL BLOCK ON SIDE (IN) L, N, PE CROSS SEC. MAX. 4mmq SUITABLE FOR LOOP-IN LOOP-OUT<br>SCREWS, BOLTS AND NUTS: STAINLESS STEEL 304 |
| PG1 | 4 | PLG1IB<br>+DL1IB<br>+RDI1IS/A4 | IP66 Ex db IIC Gb - Ex eb IIC Gb NICKEL PLATED BRASS PLUG ISO M20x1,5 WITH RELEVANT LOCKNUT AND SERRATED WASHER MADE IN STAINLESS STEEL |

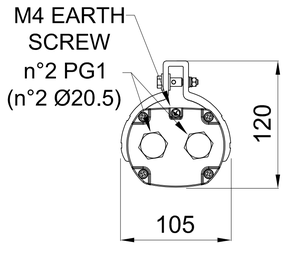
## LEFT SIDE (OUT)



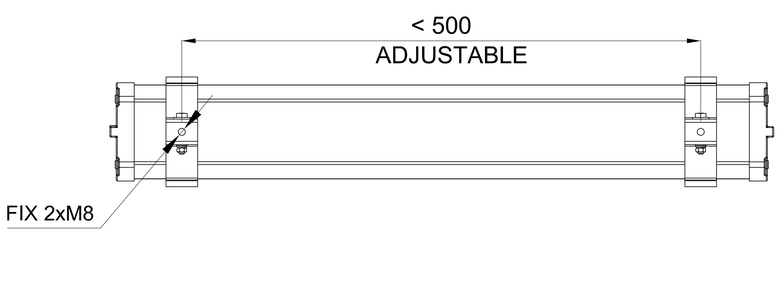

## FRONT SIDE



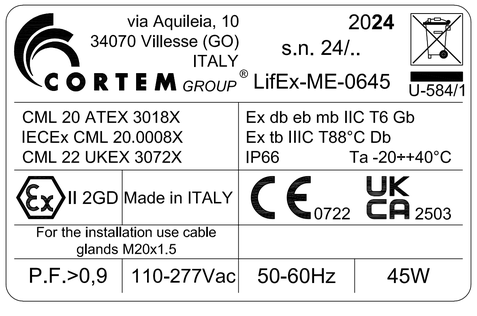

## RIGHT SIDE (IN)



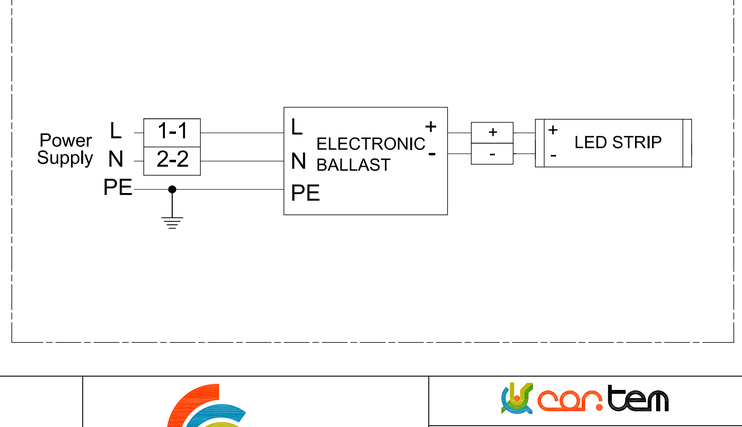

## TOP SIDE




## CERTIFICATE NAMEPLATE




## WIRING DIAGRAM




| REV. | DATE | PREP'D | CHK'D | APP'D | DESCRIPTION |
|---|---|---|---|---|---|
| 2 | 09/07/2024 | FRATTARUOLO | GIUSTI | GRATTON | REISSUED FOR APPROVAL |
| 1 | 05/07/2024 | FRATTARUOLO | GIUSTI | GRATTON | REISSUED FOR APPROVAL |
| 0 | 28/06/2024 | FRATTARUOLO | GIUSTI | GRATTON | ISSUED FOR APPROVAL |

DRAWING TITLE: ROSETTI MARINO S.P.A.

CORTEM S.p.a.
GENERAL LAYOUT
001 LIFEX-ME-0645-BB/C2402693/10.

CORTEM JOB: COV2402693

DRAWING SCALE: /

DRAWING NUMBER: A3-C 27521

SHEET 1 / TOT. 2

NEXT 2

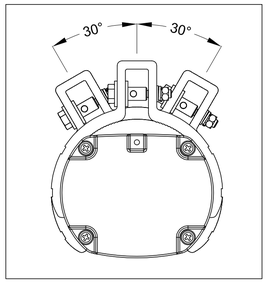
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MODEL C-225 REV.1

GENERAL NOTE:
- PO: 1724001290 DD 26/06/2024
- ITEM.: 2
- Q.TY: 78
- EXTERNAL PAINTING: RAL 7022 (END CAPS)
- INTERNAL PAINTING: NOT PAINTED
- ALL DIMENSIONS ARE IN mm

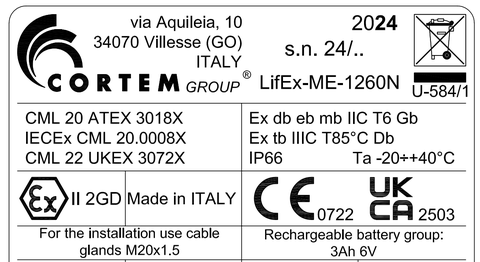
STANDARD FIXING BRACKET
FASTENING WITH 2 THREADED M8
HOLES, ADJUSTABLE FROM 0° TO ±30°



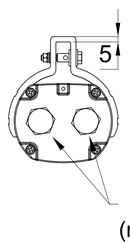

| LF INFORMATION | |
|---|---|
| NOMINAL POWER | 60W |
| CONSUMED POWER | 40,9W |
| POWER FACTOR | >0,96 |
| RATED CURRENT | 185 mA |
| VIEWING ANGLE | 120° |
| COLOUR TEMP. | 5000 K |
| CRI | >80 |
| INSTANT RESTRIKE | YES |
| LUMEN | 6218 lm |
| LIGHT INTENSITY | 2191 cd |
| EFFICIENCY | 152 lm/W |
| WEIGHT | 3,5 Kg |
| IP PROTECTION | IP66 |
| AUTONOMY | 180 min |
| LUMEN EMERG. MODE | 1168 lm |

| N° | Q.TY | CODE | DESCRIPTION |
|---|---|---|---|
| LF | 1 | LIFEX-ME-1260N-BB | 110-277Vac 50-60Hz 60W (RED. TO 40W) LED LINEAR LIGHTING FIXTURE<br>BODY: ALUMINUM ALLOY EXTRUSION AND ALUMINUM END CAPS<br>TRANSPARENT PART: GLASS RESISTANT TO SHOCKS, UV RAYS AND IMPACT RESISTANCE IK09<br>GASKETS: ACID AND HYDROCARBON RESISTANT SILICONE<br>ASSEMBLY: FASTENING BRACKETS FOR M8 HOLES, ADJUSTABLE 0° TO ±30° MADE IN ANODIZED ALUMINUM<br>CONNECTION: TERMINAL BLOCK ON SIDE (IN) L, N, PE CROSS SEC. MAX. 4mmq SUITABLE FOR LOOP-IN LOOP-OUT<br>SCREWS, BOLTS AND NUTS: STAINLESS STEEL 304 |
| PG1 | 4 | PLG1IB<br>+DL1IB<br>+RDI1IS/A4 | IP66 Ex db IIC Gb - Ex eb IIC Gb NICKEL PLATED BRASS PLUG ISO M20x1,5 WITH RELEVANT LOCKNUT AND SERRATED WASHER MADE IN STAINLESS STEEL |

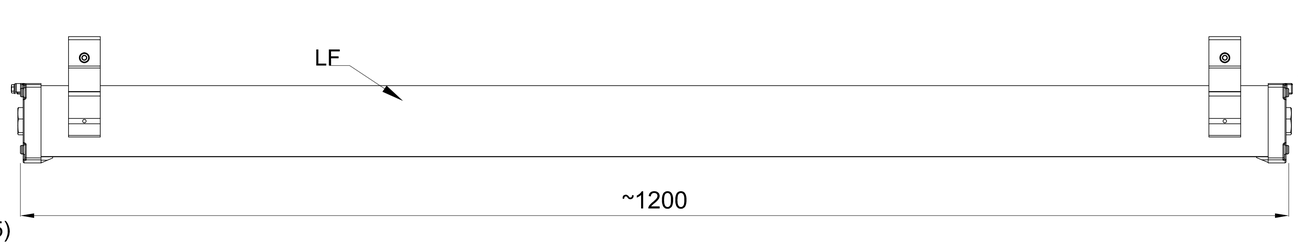
## CERTIFICATE NAMEPLATE



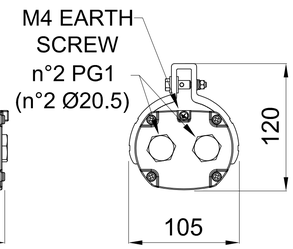

## LEFT SIDE (OUT)



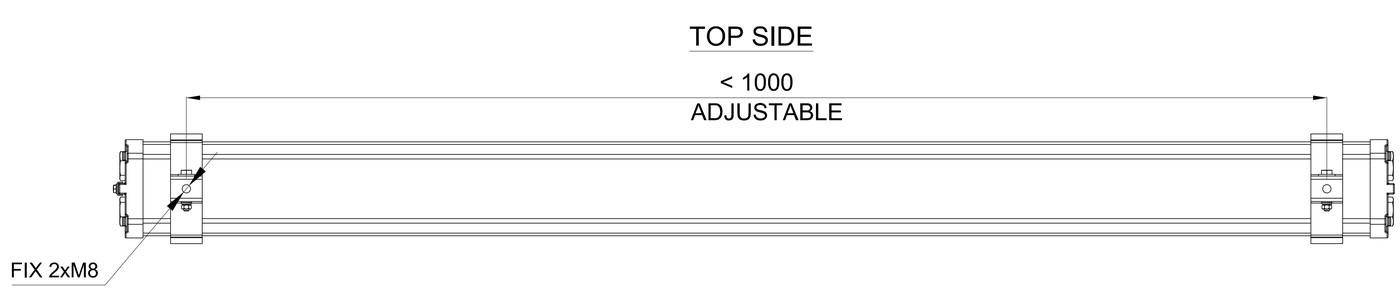

## FRONT SIDE



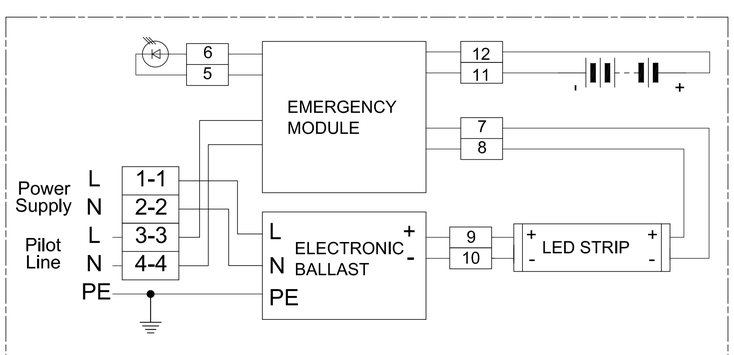

## RIGHT SIDE (IN)




## TOP SIDE




## WIRING DIAGRAM




| REV. | DATE | PREP'D | CHK'D | APP'D | DESCRIPTION |
|---|---|---|---|---|---|
| 2 | 09/07/2024 | FRATTARUOLO | GIUSTI | GRATTON | REISSUED FOR APPROVAL |
| 1 | 05/07/2024 | FRATTARUOLO | GIUSTI | GRATTON | REISSUED FOR APPROVAL |
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CORTEM JOB: COV2402693
DRAWING SCALE: /
DRAWING NUMBER: A3-C 27521
SHEET 2 / NEXT /
TOT. 2

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