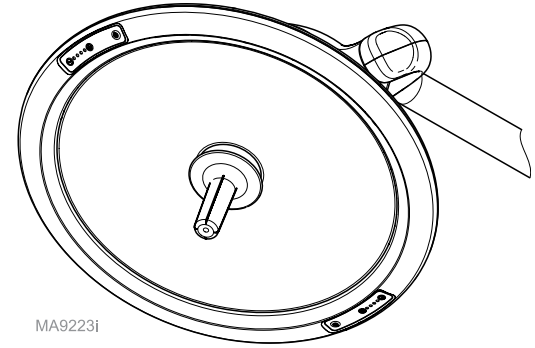




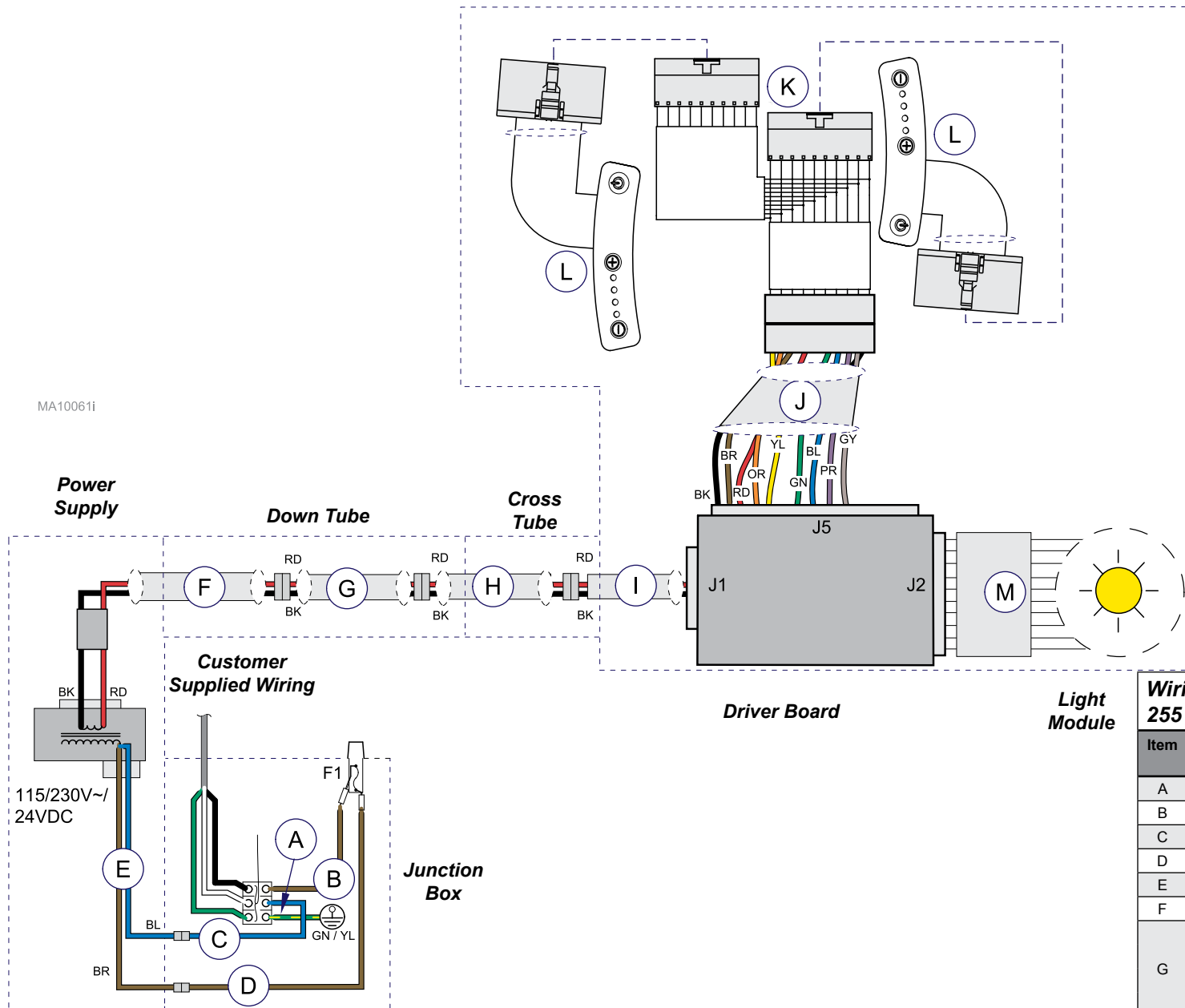
Wiring Diagrams: 255 LED Light

Attention

This document contains wiring and/or tubing diagrams for the models listed in the table below. Locate the desired model / serial number, then click on the blue text to view the desired diagram.



| Lighthead | Mounting Style | Model Numbers | Serial Numbers: | Refer To: |
|-----------|-------------------------|---|-----------------|---|
| 255 | <i>Ceiling (Single)</i> | 115V~ & 230V~ : 255 (-001 / -002; -021 / -022) | <i>all</i> | <u>255 Ceiling Light (8 ft / 9 ft - Single)</u> |
| | <i>Ceiling (Double)</i> | 115V~ & 230V~ : 255 (-003 / -004; -023 / -024) | <i>all</i> | <u>255 Ceiling Light (8 ft / 9 ft - Double)</u> |
| | <i>Mobile</i> | 115V~ & 230V~ : 255 (-005 / -007; -025 / -027) | <i>all</i> | <u>255 Mobile Light</u> |
| | <i>Wall Mtd.</i> | 115V~ & 230V~ : 255 (-006; -026) | <i>all</i> | <u>255 Wall Mounted Light</u> |



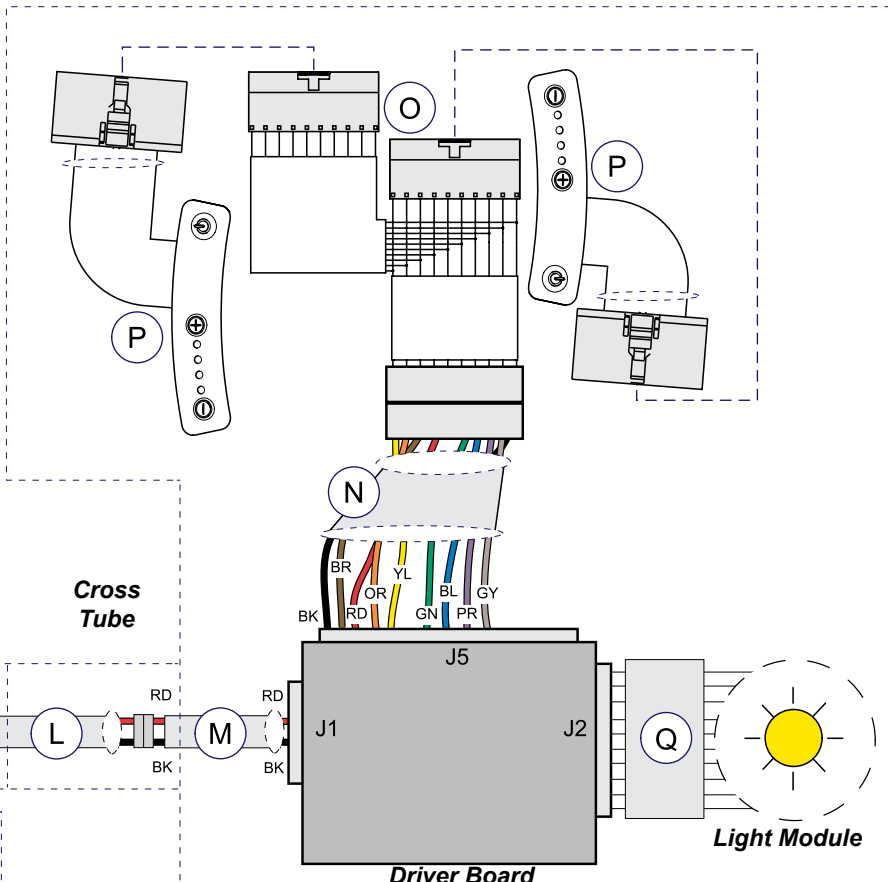
Lighthouse

**Wiring Diagram:
255 Ceiling Mounted Light (Single)**

| Item | Description | Part Number |
|------|---------------------------------------|-------------|
| A | Ground Wire | 015-1170-04 |
| B | Brown Wire | 015-0737-06 |
| C | Blue Wire | 015-0737-45 |
| D | Brown Wire | 015-0737-46 |
| E | AC Inlet Power Harness | 015-3130-00 |
| F | DC Power Harness | 015-3131-00 |
| G | Interconnect Harness | |
| | for 8' ceiling | 015-3367-00 |
| | for 9' ceiling | 015-3367-01 |
| | for 10' ceiling | 015-3367-02 |
| H | Arm Harness (incl. conn. 015-2225-00) | 015-3318-00 |
| I | Power Harness | 015-3223-00 |
| J | Keypad Harness | 015-3256-00 |
| K | Membrane Harness | 015-3132-00 |
| L | Membrane Switch (Ritter models) | 015-3152-00 |
| | Membrane Switch (Midmark models) | 015-3459-00 |
| M | Lighthouse Harness | 015-3133-00 |

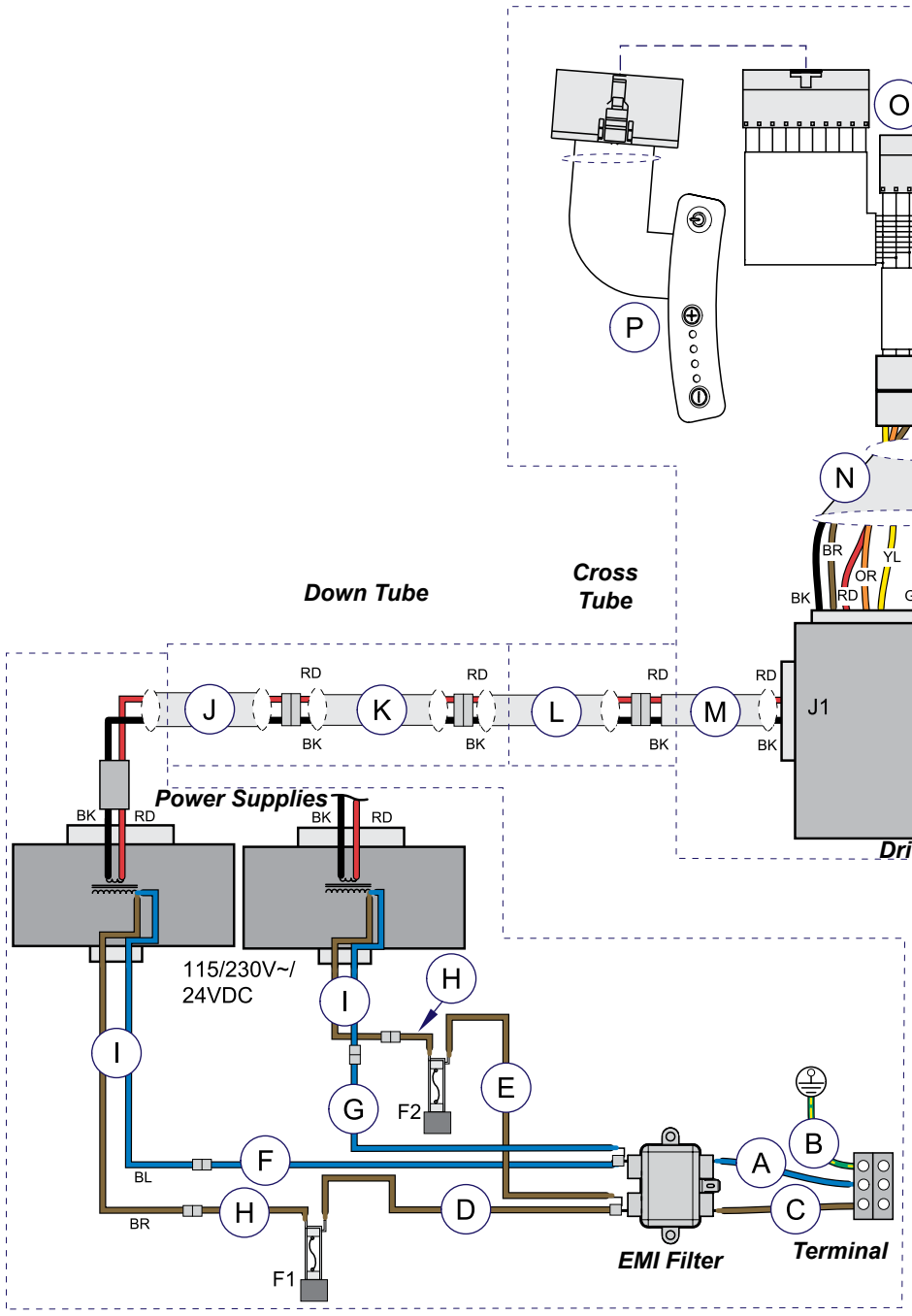
[Color Abbreviation Chart](#)

| Model(s): | Mounting Style | Serial Numbers: |
|--------------------------------|----------------------------------|-----------------|
| 255 (-001 / -002; -021 / -022) | Ceiling (8 ft. / 9 ft. - Single) | All |



Lighthouse

Note
Refer to quantities listed (partially shown in graphic).



Down Tube

Cross Tube

Driver Board
MA10069I

Junction Box

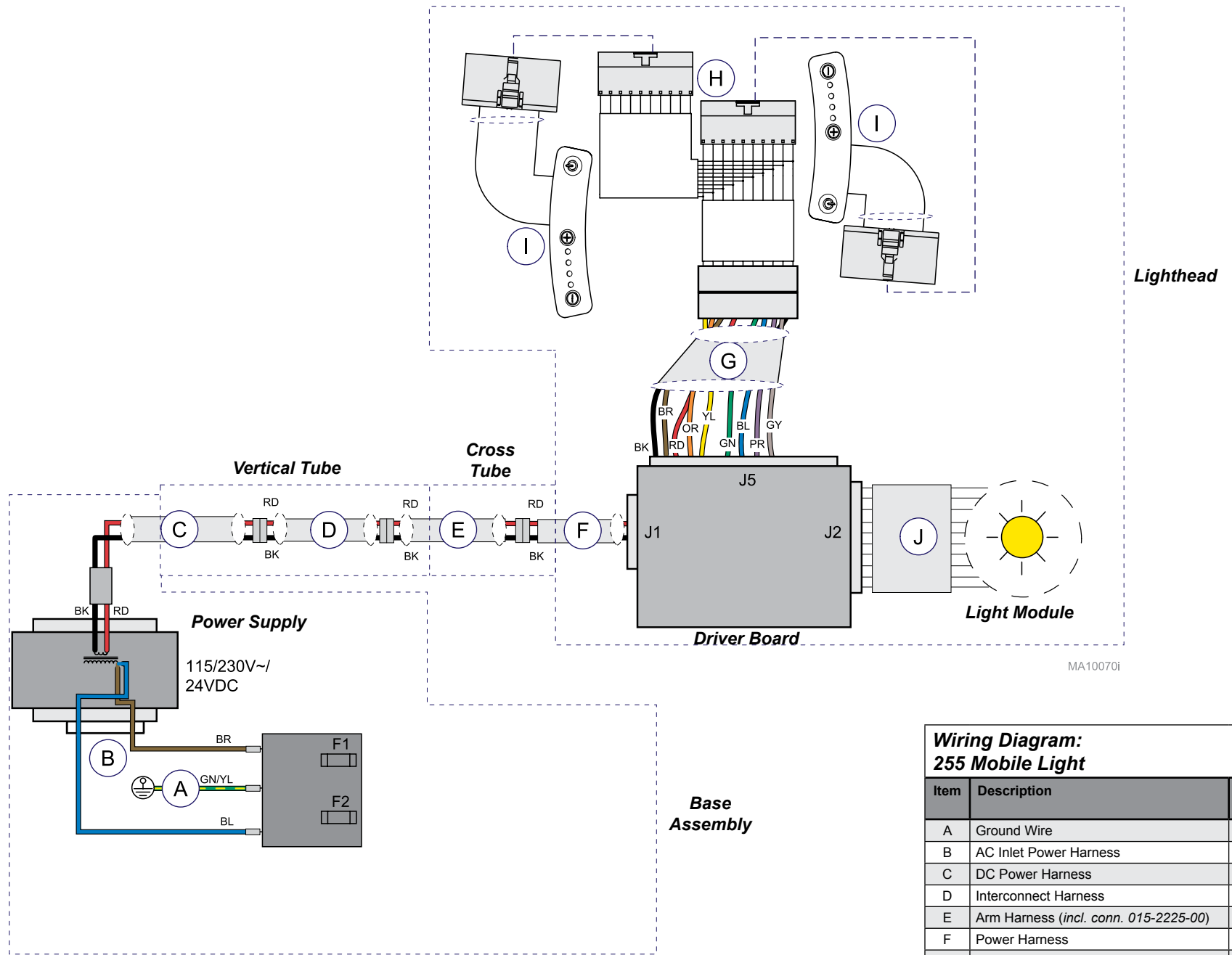
**Wiring Diagram:
255 Ceiling Mounted Light (Double)**

| Item | Description | Part Number | Qty. |
|------|--|-------------|------|
| A | Blue Wire (between terminal & filter) | 015-0737-47 | 1 |
| B | Green/Yellow Wire (btw term. & filter) | 015-0737-53 | 1 |
| C | Brown Wire (between terminal & filter) | 015-0737-50 | 1 |
| D | Brown Wire (from filter) | 015-0737-52 | 1 |
| E | Brown Wire (off conn. from filter) | 015-0737-51 | 1 |
| F | Blue Wire (from filter) | 015-0737-49 | 1 |
| G | Blue Wire (off conn. from filter) | 015-0737-48 | 1 |
| H | Brown Wire | 015-0737-46 | 2 |
| I | AC Inlet Power Harness | 015-3130-00 | 2 |
| J | DC Power Harness | 015-3131-00 | 2 |
| K | Interconnect Harness | | 2 |
| | for 8' ceiling | 015-3367-00 | |
| | for 9' ceiling | 015-3367-01 | |
| | for 10' ceiling | 015-3367-02 | |
| L | Arm Harness (incl. conn. 015-2225-00) | 015-3318-00 | 2 |
| M | Power Harness | 015-3223-00 | 2 |
| N | Keypad Harness | 015-3256-00 | 2 |
| O | Membrane Harness | 015-3132-00 | 2 |
| P | Membrane Switch | | 4 |
| | for Ritter models | 015-3152-00 | |
| | for Midmark models | 015-3459-00 | |
| Q | Lighthouse Harness | 015-3133-00 | 2 |

[Color Abbreviation Chart](#)

| Model(s): | Mounting Style | Serial Numbers: |
|---------------------------------------|--|-----------------|
| 255 (-003 / -004; -023 / -024) | Ceiling (8 ft. / 9 ft - Double) | All |

TP209 Rev. A

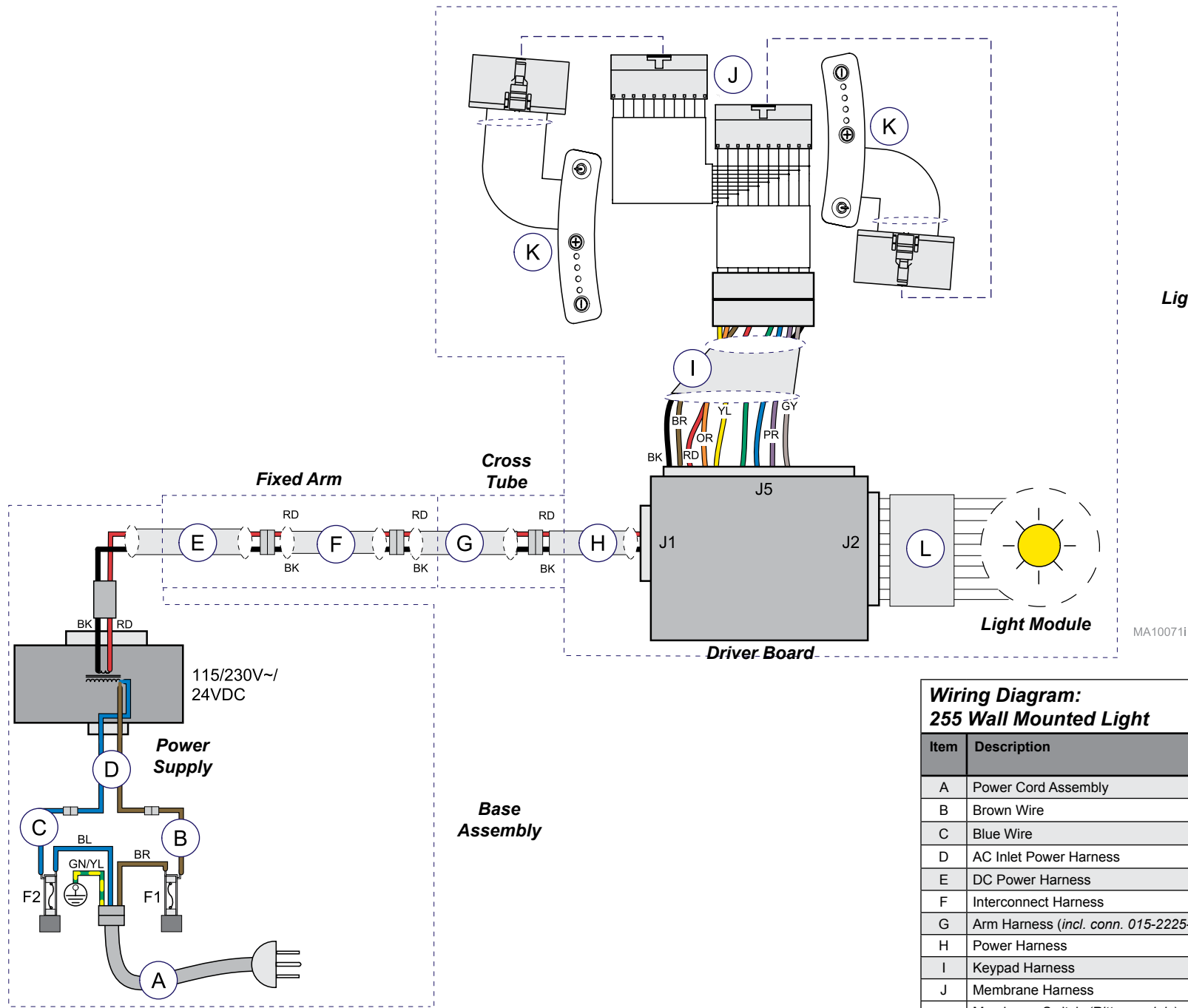


**Wiring Diagram:
255 Mobile Light**

| Item | Description | Part Number |
|------|---------------------------------------|-------------|
| A | Ground Wire | 015-1170-04 |
| B | AC Inlet Power Harness | 015-3130-00 |
| C | DC Power Harness | 015-3131-00 |
| D | Interconnect Harness | 015-3367-01 |
| E | Arm Harness (incl. conn. 015-2225-00) | 015-3318-00 |
| F | Power Harness | 015-3223-00 |
| G | Keypad Harness | 015-3256-00 |
| H | Membrane Harness | 015-3132-00 |
| I | Membrane Switch (Ritter models) | 015-3152-00 |
| | Membrane Switch (Midmark models) | 015-3459-00 |
| J | Lighthouse Harness | 015-3133-00 |

[Color Abbreviation Chart](#)

| Model(s): | Mounting Style | Serial Numbers: |
|---|----------------|-----------------|
| 255 (-005 / -007 (w/o power cord); -025 / -027 (w/o power cord)) | Mobile | All |



MA100711








**Wiring Diagram:
255 Wall Mounted Light**

| Item | Description | Part Number |
|------|---------------------------------------|-------------|
| A | Power Cord Assembly | 002-1553-00 |
| B | Brown Wire | 015-0737-46 |
| C | Blue Wire | 015-0737-45 |
| D | AC Inlet Power Harness | 015-3130-01 |
| E | DC Power Harness | 015-3131-00 |
| F | Interconnect Harness | 015-3367-03 |
| G | Arm Harness (incl. conn. 015-2225-00) | 015-3318-00 |
| H | Power Harness | 015-3223-00 |
| I | Keypad Harness | 015-3256-00 |
| J | Membrane Harness | 015-3132-00 |
| K | Membrane Switch (Ritter models) | 015-3152-00 |
| | Membrane Switch (Midmark models) | 015-3459-00 |
| L | Lighthouse Harness | 015-3133-00 |

[Color Abbreviation Chart](#)

| | | |
|------------------|-----------------------|------------------------|
| Model(s): | Mounting Style | Serial Numbers: |
| 255 (-006; -026) | Wall | All |

Color Abbreviation Chart

| | Item | Color (English) | Farbe (Deutsch) | Couleur (Français - Europe) | Color (español europeo) | Colore (italiano) | Color (others) |
|---|-------|-----------------|------------------------|-----------------------------|-------------------------|----------------------|----------------|
|  | BK | Black | Schwarz | Noir | Negro | Nero | |
|  | BL | Blue | Blau | Bleu | Azul | Blu | |
|  | BR | Brown | Braun | Marron | Marrón | Marrone | |
|  | CL | Clear | Durchsichtig | Incolore | Transparente | Trasparente | |
|  | GN | Green | Grün | Vert | Verde | Verde | |
|  | GY | Grey | Grau | Gris | Gris | Grigio | |
|  | OR | Orange | Orange | Orange | Naranja | Arancione | |
|  | PR | Purple | Purpur | Pourpre | Morado | Porpora | |
|  | CL/PR | Clear Purple | Durchsichtig Purpur | Incolore Pourpre | Transparente Morado | Trasparente Porpora | |
|  | RD | Red | Rot | Rouge | Rojo | Rosso | |
|  | WH | White | Weiß | Blanc | Blanco | Bianco | |
|  | YL | Yellow | Gelb | Jaune | Amarillo | Giallo | |
|  | PK | Pink | Pink | Rose | Rosa | Rosa | |
|  | TN | Tan | Hellbraun | Fauve | Marrón claro | Tanè (marrone scuro) | |
|  | BK/WH | Black/White | Schwarz / Weiß | Noir / Blanc | Negro / Blanco | Bianco / Nero | |
|  | BL/WH | Blue/White | Blau / Weiß | Bleu / Blanc | Azul / Blanco | Blu / Bianco | |
|  | BR/WH | Brown/White | Braun / Weiß | Marron / Blanc | Marrón / Blanco | Marrone / Bianco | |
|  | CL/BK | Clear / Black | Durchsichtig / Schwarz | Incolore / Noir | Transparente / Negro | Trasparente / Nero | |
|  | GN/WH | Green / White | Grün / Weiß | Vert / Blanc | Verde / Blanco | Verde / Bianco | |
|  | GN/YL | Green / Yellow | Grün / Gelb | Vert / Jaune | Verde / Amarillo | Verde / Giallo | |
|  | OR/WH | Orange / White | Orange / Weiß | Orange / Blanc | Naranja / Blanco | Arancione / Bianco | |
|  | PR/WH | Purple / White | Purpur / Weiß | Pourpre / Blanc | Morado / Blanco | Porpora / Bianco | |
|  | RD/WH | Red / White | Rot / Weiß | Rouge / Blanc | Rojo / Blanco | Rosso / Bianco | |
|  | VI/WH | Violet / White | Violett / Weiß | Violet / Blanc | Violeta / Blanco | Viola / Bianco | |
|  | YL/WH | Yellow / White | Gelb / Weiß | Jaune / Blanc | Amarillo / Blanco | Giallo / Bianco | |
|  | YL/GN | Yellow / Green | Gelb / Grün | Jaune / Vert | Amarillo / Verde | Giallo / Verde | |
|  | YL/BK | Yellow / Black | Gelb / Schwarz | Jaune / Noir | Amarillo / Negro | Giallo / Nero | |

TP209 Rev. A