

David Royal Consulting Engineers

THE ROYAL FAMILY TRUST T/A
DAVID ROYAL CONSULTING ENGINEERS
ABN 31 232 237 915

31 Narcissus Avenue
Parkwood WA 6147
+61 08 9457 5302

Principal: D J Royal MIEAust CPEng

Our Ref: **2008-1644-R10**

14th December 2022

The Manager
MOMA Solar
Unit 1, 3-5 McElligott Court
Canning Vale WA 6163

Attention: Mr Michael Jarvis

6.2 m MOMA Portable Solar G5 *Swivelpole*[™] Street Light – 500 litre Base

As requested, we have examined your proposed portable pop-up street lighting system incorporating an aluminium G5 *Swivelpole*[™] in relation to stability and structural capacity in accordance with relevant Australian Standards.

We have modelled the following configuration of light, pole and base.

| | |
|---|--|
| MOMA Light Fitting | MOSLX-100W or smaller (refer Schedule) |
| Inclination of Light Fitting | 15° maximum from horizontal** (refer note) |
| <i>Swivelpole</i> [™] Base Section | 60 OD x 6mm 6082-T6 aluminium tube |
| <i>Swivelpole</i> [™] Top Section | 60 OD x 5mm 6082-T6 aluminium tube |
| Base Description | MOMA 500 litre Variable Ballast Base |
| Height of Light Fitting | 6.2m max from ground to centre of light |
| Base Diameter | 1.125 metres |
| Base Overall Height | 1.07 metres |

Wind loading on the light installation has been determined in accordance with AS/NZS 1170.2:2021 with the following parameters.

| | | |
|---------------------------|---------------|---|
| Importance Level | 1 | Minor Structure |
| Design Period | 25 years | Temporary Installation |
| Wind Regions | All | Refer to Figure 3.1(A) AS 1170.2 |
| Terrain Category | All | Refer to Clause 4.2.1 AS 1170.2 |
| Wind Direction Multiplier | 0.90/0.95/1.0 | Region C & B2/B1/A0-A5 (Any direction) |
| Climate Change Factor | 1.05 | Region C-TC4 and Region B2 |
| Shielding Factor | 1.00 | No reduction for shelter from buildings |
| Topographic Factor | 1.00 | Not on an exposed hill or escarpment |

We have assumed the poly base of the light installation will be supported on level firm ground capable of carrying wheel loads from a light truck without significant settlement.

In technical terms the supporting ground is required to have a minimum bearing capacity of approximately 10 tonne per m² (100kPa) in both wet and dry conditions.

We have also analysed the structural loads on the pipe pole components of the *Swivelpole*[™] and confirm the structural capacity of the pole is not exceeded when subjected to normal loads including the wind loads calculated in accordance with the above criteria.

With reference to *Swivelpole*[™] drawing number W-AU-G5-6000-P-002-AL-HG-TQ2849 Revision 3 the details of the Giraffe G5 *Swivelpole*[™] are to be in accordance with manufacturer's written specification and designs utilising the specified 6082-T6 alloy or approved equivalent with a minimum 0.2% proof stress of 255 MPa.

We recommend all connections of the aluminium pole sections be achieved by mechanical fastenings and fabricated brackets in order to maintain the additional tempering strength of the aluminium alloy.

Steel brackets are to be hot dip galvanised and fixings are to be stainless steel or cadmium plated to avoid dissimilar metal corrosion of the aluminium.

Stability of the installation is dependent on the pole being fully inserted and clamped to the poly base and the poly base being ballast filled in accordance with the attached Schedule designated DRCE-A3-2008-1644-01 Rev A to 03 Rev A.

This Schedule outlines the required mass in kilograms of ballast for each light fitting, Wind Region and Terrain Category combination in Australia.

For guidance the estimated bulk volume of the ballast fill components is included in the Schedule and based on the specific gravity and void ratio noted on the Schedule.

Use of ballast material with lower specific gravity will require re-assessment for certification.

As a minimum the poly base shall be ballasted with 500 litres of water.

Where specified in the Schedule as BM+W the poly base shall be ballasted with the specified mass of crushed rock plus fully topped up with the estimated volume of water.

We recommend the crushed rock ballast should not exceed a nominal 20mm size.

In the most extreme wind conditions, the poly base shall be filled with the specified mass of compacted N20 concrete as shown on the Schedule.

** (Note) The specified maximum angle of light fitting to the horizontal noted in the Schedule shall not be exceeded. If required the maximum angle of light fitting to the horizontal may be reduced to 10° and the ballast requirements of the next smaller light fitting as noted in the Schedule may be substituted.

We confirm the installation as described is capable of being used in the locations specified as a temporary pop-up street light in compliance with relevant Australian Standards.

Other combinations of light fitting, pole height and location may be possible with further analysis and by enquiry with the undersigned.

Separate certification will be required when outside the above stated criteria and the selection criteria specified in the Schedule.

Please contact this office if you require clarification of the above review or recommendations.

Yours sincerely



David Royal Consulting Engineers



Attached Reference Documents

1. MOMA Solar – MOSLX Series Solar Street Light Brochure
2. DRCE-A3-2008-1644-01 Rev A to 03 Rev A (Schedule) 3 sheets
3. W-AU-G5-6000-P-002-AL-HG-TQ2849 (Rev 3) *Swivelpole*TM Detail Drawing
4. Melro - MOMA Base Variable Ballast (Sheet 1 of 2) 06/06/22



moma
solar

SOLAR STREET LIGHTS

MOSLX SERIES

AUSTRALIA'S MOST
ADVANCED SOLAR
LIGHT ON THE
MARKET



moma
solar



HEAD OFFICE

1/3-5 McElligott Court
Canning Vale 6155 WA AUS
08 6141 3204
info@momasolar.com.au
momasolar.com.au



**PROUDLY AUSTRALIAN
ENHANCING THE FUTURE**

STOP AND THINK

-  STOP POLLUTION
-  REDUCE YOUR ENERGY
-  GO SOLAR

THE MOSLX SERIES BUILT TO PERFORM

LIFEPO4 BATTERY

ULTRA-LONG LIFE LIFEPO4 LITHIUM BATTERY

The Eco-friendly and safe LiFePO4 Li-ion battery improves the cyclic charge and discharge over 2000 times and has a life span of up to 7 years.

MPPT SMART CONTROLLER



MOMA Solar Smart controller for efficiency and durability



LIFEPO4 VS LI ION

| | | |
|------------------------------|--|--|
| Over 2000 cycles | | Over 500 cycles |
| Extremely low Explosion risk | | Very High Risk Explosion in High Temperature |
| -10 to 60 Degree | | 0 to 45 Degree |
| Up to 7 Years | | 24 to 32 Months |



High Temperature Resistance
-10°C to +60 °C



SAFETY
Extremely low Explosion Risk



The Best Technology on the Market

The MOSLX Solar Street Light Series is Ideal for a wide variety of Installations

- Mining
- Large Commercial Sites
- Road works
- Construction
- Councils
- Carparks
- Many More

FOUR MODES OF OPERATIONS

TUNE YOUR LIGHT TO YOUR NEEDS

RED LIGHT

Microwave Control – 15 Hrs of sensor at 80% Brightness when people detected and 40% Brightness when no movement.

ORANGE LIGHT

Timing Control – First 5 Hrs at 80% Brightness, next 10 Hrs at 40% Brightness.

GREEN LIGHT

Timing & Microwave control – First 5 Hrs at 100% Brightness, next 10 Hrs of sensor at 30% Brightness when people detected and 10% Brightness when no movement.

FLASHING RED

Flashing Red - 15 Hrs at 70% Brightness

THE MOSLX SERIES MOUNTING OPTIONS

WALL MOUNTING

Available from 3-10 metres high.



MOMA SOLAR POP-UP BOLLARD

Proven to be Australia's most environmentally friendly Solar Pop-up Light fitting 2019



PERMANENT MOUNTING

Available in both vertical and horizontal orientations





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MOMA Swivelpole™ – 500 litre Poly Base Ballast Filling Requirements (Based on Wind Region, Terrain Category and installed MOMA light fittings)

If max light ange reduced to 10° - Ballast requirements for next smaller light fitting may be used

Wind loads calculated for Importance level 1 construction equipment with no shielding and a topographic factor of 1.00 (Not exposed to an escarpment or ridge - Refer AS 1170.2)

- C** Denotes specified mass of compacted N20 grade concrete (Volume based on concrete density of 2400 kg/m³)
- BM+W** Denotes specified mass of crushed rock (Blue Metal) plus fully topped up with the specified volume of water. Bulk volume of crushed rock based on specific gravity of rock of 2.65 and a void ratio of 0.45 (inferred bulk density of 1828 kg/m³)
- W** Denotes poly base fully filled with 500 litres of water

WIND LOADS
CALCULATED
IN
ACCORDANCE WITH
AS/NZ 1170.2-2021

| | | TERRAIN CATEGORY 1 | | | | TERRAIN CATEGORY 2 | | | | TERRAIN CATEGORY 2.5 | | | | TERRAIN CATEGORY 3 | | | | TERRAIN CATEGORY 4 | | | | | | | |
|----------|------------|--------------------|----------------|---------------------|---------------------|--------------------|----------------|---------------------|---------------------|----------------------|----------------|---------------------|---------------------|--------------------|----------------|---------------------|---------------------|--------------------|----------------|---------------------|---------------------|-----|------|----|-----|
| | | MAX LIGHT ANGLE | BASE FILL TYPE | FILL VOLUME & MASS | WATER VOLUME & MASS | MAX LIGHT ANGLE | BASE FILL TYPE | FILL VOLUME & MASS | WATER VOLUME & MASS | MAX LIGHT ANGLE | BASE FILL TYPE | FILL VOLUME & MASS | WATER VOLUME & MASS | MAX LIGHT ANGLE | BASE FILL TYPE | FILL VOLUME & MASS | WATER VOLUME & MASS | MAX LIGHT ANGLE | BASE FILL TYPE | FILL VOLUME & MASS | WATER VOLUME & MASS | | | | |
| | | Degrees | | litres kilograms | litres kilograms | Degrees | | litres kilograms | litres kilograms | Degrees | | litres kilograms | litres kilograms | Degrees | | litres kilograms | litres kilograms | Degrees | | litres kilograms | litres kilograms | | | | |
| REGION D | MOSLX-100W | - | - | - | - | - | - | - | - | 13° | C | 491 | - | 15° | C | 451 | - | - | - | - | - | - | | | |
| | MOSLX-80W | - | - | - | - | 10° | C | 500 | - | 15° | C | 483 | - | 15° | BM+W | 460 | 183 | - | - | - | - | - | | | |
| | MOSLX-60W | - | - | - | - | 13° | C | 500 | - | 15° | C | 458 | - | 15° | BM+W | 413 | 215 | - | - | - | - | - | | | |
| | MOSLX-40W | - | - | - | - | 15° | C | 478 | - | 15° | BM+W | 461 | 182 | 15° | BM+W | 354 | 256 | - | - | - | - | - | | | |
| | MOSLX-30W | - | - | - | - | 15° | C | 466 | - | 15° | BM+W | 439 | 198 | 15° | BM+W | 334 | 270 | - | - | - | - | - | | | |
| | MOSLX-20W | - | - | - | - | 15° | C | 455 | - | 15° | BM+W | 416 | 213 | 15° | BM+W | 316 | 282 | - | - | - | - | - | - | | |
| REGION C | MOSLX-100W | 15° | C | 500 | - | 15° | BM+W | 410 | 217 | 15° | BM+W | 313 | 284 | 15° | BM+W | 218 | 350 | 15° | BM+W | 84 | 442 | 15° | BM+W | 84 | 442 |
| | MOSLX-80W | 15° | C | 472 | - | 15° | BM+W | 362 | 250 | 15° | BM+W | 271 | 313 | 15° | BM+W | 182 | 375 | 15° | BM+W | 55 | 462 | 15° | BM+W | 55 | 462 |
| | MOSLX-60W | 15° | C | 445 | - | 15° | BM+W | 322 | 278 | 15° | BM+W | 234 | 339 | 15° | BM+W | 148 | 398 | 15° | BM+W | 28 | 481 | 15° | BM+W | 28 | 481 |
| | MOSLX-40W | 15° | BM+W | 439 | 197 | 15° | BM+W | 269 | 315 | 15° | BM+W | 187 | 371 | 15° | BM+W | 108 | 425 | 15° | W | 0 | 500 | 15° | W | 0 | 500 |
| | MOSLX-30W | 15° | BM+W | 417 | 212 | 15° | BM+W | 250 | 327 | 15° | BM+W | 172 | 381 | 15° | BM+W | 93 | 436 | 15° | W | 0 | 500 | 15° | W | 0 | 500 |
| | MOSLX-20W | 15° | BM+W | 397 | 226 | 15° | BM+W | 234 | 339 | 15° | BM+W | 156 | 392 | 15° | BM+W | 81 | 444 | 15° | W | 0 | 500 | 15° | W | 0 | 500 |



MOMA Swivelpole™ – 500 litre Poly Base Ballast Filling Requirements (Based on Wind Region, Terrain Category and installed MOMA light fittings)

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Wind loads calculated for Importance level 1 construction equipment with no shielding and a topographic factor of 1.00 (Not exposed to an escarpment or ridge - Refer AS 1170.2)

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BM+W Denotes specified mass of crushed rock (Blue Metal) plus fully topped up with the specified volume of water. Bulk volume of crushed rock based on specific gravity of rock of 2.65 and a void ratio of 0.45 (inferred bulk density of 1828 kg/m³)

W Denotes poly base fully filled with 500 litres of water

WIND LOADS CALCULATED IN ACCORDANCE WITH AS/NZ 1170.2-2021

| | | TERRAIN CATEGORY 1 | | | | TERRAIN CATEGORY 2 | | | | TERRAIN CATEGORY 2.5 | | | | TERRAIN CATEGORY 3 | | | | TERRAIN CATEGORY 4 | | | |
|-----------|-------------------|--------------------|----------------|--------------------|---------------------|--------------------|----------------|--------------------|---------------------|----------------------|----------------|--------------------|---------------------|--------------------|----------------|--------------------|---------------------|--------------------|----------------|--------------------|---------------------|
| | | MAX LIGHT ANGLE | BASE FILL TYPE | FILL VOLUME & MASS | WATER VOLUME & MASS | MAX LIGHT ANGLE | BASE FILL TYPE | FILL VOLUME & MASS | WATER VOLUME & MASS | MAX LIGHT ANGLE | BASE FILL TYPE | FILL VOLUME & MASS | WATER VOLUME & MASS | MAX LIGHT ANGLE | BASE FILL TYPE | FILL VOLUME & MASS | WATER VOLUME & MASS | MAX LIGHT ANGLE | BASE FILL TYPE | FILL VOLUME & MASS | WATER VOLUME & MASS |
| | | Degrees | | litres kilograms | litres kilograms | Degrees | | litres kilograms | litres kilograms | Degrees | | litres kilograms | litres kilograms | Degrees | | litres kilograms | litres kilograms | Degrees | | litres kilograms | litres kilograms |
| REGION B2 | MOMALIGHT FITTING | | | | | | | | | | | | | | | | | | | | |
| | MOSLX-100W | 15° | BM+W | 294 536 | 298 298 | 15° | BM+W | 148 270 | 398 398 | 15° | BM+W | 84 153 | 442 442 | 15° | BM+W | 14 26 | 490 490 | 15° | W | 0 0 | 500 500 |
| | MOSLX-80W | 15° | BM+W | 253 463 | 325 325 | 15° | BM+W | 116 212 | 420 420 | 15° | BM+W | 55 101 | 462 462 | 15° | W | 0 0 | 500 500 | 15° | W | 0 0 | 500 500 |
| | MOSLX-60W | 15° | BM+W | 219 400 | 349 349 | 15° | BM+W | 86 157 | 441 441 | 15° | BM+W | 28 51 | 481 481 | 15° | W | 0 0 | 500 500 | 15° | W | 0 0 | 500 500 |
| | MOSLX-40W | 15° | BM+W | 171 313 | 382 382 | 15° | BM+W | 49 90 | 466 466 | 15° | W | 0 0 | 500 500 | 15° | W | 0 0 | 500 500 | 15° | W | 0 0 | 500 500 |
| | MOSLX-30W | 15° | BM+W | 157 287 | 392 392 | 15° | BM+W | 37 67 | 475 475 | 15° | W | 0 0 | 500 500 | 15° | W | 0 0 | 500 500 | 15° | W | 0 0 | 500 500 |
| MOSLX-20W | 15° | BM+W | 141 257 | 403 403 | 15° | BM+W | 25 45 | 483 483 | 15° | W | 0 0 | 500 500 | 15° | W | 0 0 | 500 500 | 15° | W | 0 0 | 500 500 | |
| REGION A0 | MOSLX-100W | - | - | - | - | 15° | W | 0 0 | 500 500 | - | - | - | - | - | - | - | - | - | - | - | - |
| | MOSLX-80W | - | - | - | - | 15° | W | 0 0 | 500 500 | - | - | - | - | - | - | - | - | - | - | - | - |
| | MOSLX-60W | - | - | - | - | 15° | W | 0 0 | 500 500 | - | - | - | - | - | - | - | - | - | - | - | - |
| | MOSLX-40W | - | - | - | - | 15° | W | 0 0 | 500 500 | - | - | - | - | - | - | - | - | - | - | - | - |
| | MOSLX-30W | - | - | - | - | 15° | W | 0 0 | 500 500 | - | - | - | - | - | - | - | - | - | - | - | - |
| | MOSLX-20W | - | - | - | - | 15° | W | 0 0 | 500 500 | - | - | - | - | - | - | - | - | - | - | - | - |



MOMA Swivelpole™ – 500 litre Poly Base Ballast Filling Requirements (Based on Wind Region, Terrain Category and installed MOMA light fittings)

If max light ange reduced to 10° - Ballast requirements for next smaller light fitting may be used

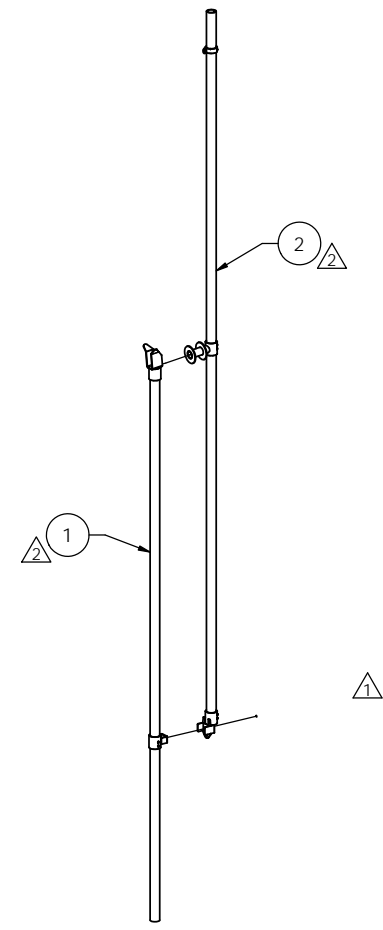
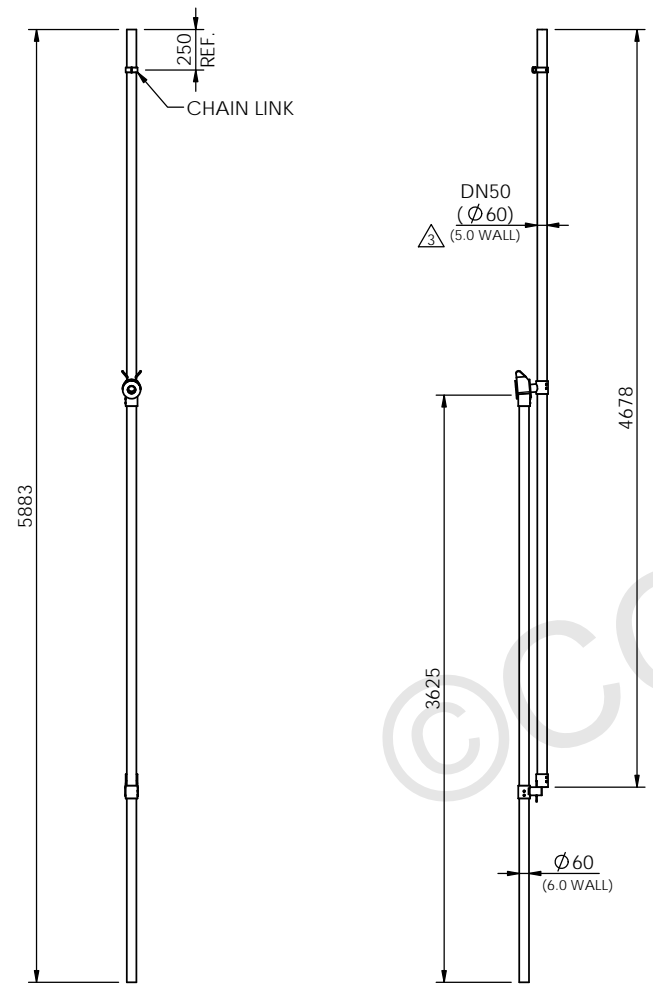
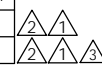
Wind loads calculated for Importance level 1 construction equipment with no shielding and a topographic factor of 1.00 (Not exposed to an escarpment or ridge - Refer AS 1170.2)

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|-------------------|-------------------|--------------------|----------------|---------------------|---------------------|--------------------|----------------|---------------------|---------------------|----------------------|----------------|---------------------|---------------------|--------------------|----------------|---------------------|---------------------|--------------------|----------------|---------------------|---------------------|
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| | | Degrees | | litres kilograms | litres kilograms | Degrees | | litres kilograms | litres kilograms | Degrees | | litres kilograms | litres kilograms | Degrees | | litres kilograms | litres kilograms | Degrees | | litres kilograms | litres kilograms |
| REGION B1 | MOMALIGHT FITTING | | | | | | | | | | | | | | | | | | | | |
| | MOSLX-100W | 15° | BM+W | 308 562 | 288 288 | 15° | BM+W | 154 281 | 394 394 | 15° | BM+W | 84 153 | 442 442 | 15° | BM+W | 19 35 | 487 487 | 15° | W | 0 0 | 500 500 |
| | MOSLX-80W | 15° | BM+W | 265 485 | 317 317 | 15° | BM+W | 121 222 | 416 416 | 15° | BM+W | 55 101 | 462 462 | 15° | W | 0 0 | 500 500 | 15° | W | 0 0 | 500 500 |
| | MOSLX-60W | 15° | BM+W | 228 418 | 342 342 | 15° | BM+W | 92 169 | 436 436 | 15° | BM+W | 28 51 | 481 481 | 15° | W | 0 0 | 500 500 | 15° | W | 0 0 | 500 500 |
| | MOSLX-40W | 15° | BM+W | 182 332 | 375 375 | 15° | W | 54 98 | 463 463 | 15° | W | 0 0 | 500 500 | 15° | W | 0 0 | 500 500 | 15° | W | 0 0 | 500 500 |
| | MOSLX-30W | 15° | BM+W | 167 305 | 385 385 | 15° | W | 40 74 | 472 472 | 15° | W | 0 0 | 500 500 | 15° | W | 0 0 | 500 500 | 15° | W | 0 0 | 500 500 |
| MOSLX-20W | 15° | BM+W | 153 279 | 395 395 | 15° | W | 28 51 | 481 481 | 15° | W | 0 0 | 500 500 | 15° | W | 0 0 | 500 500 | 15° | W | 0 0 | 500 500 | |
| REGION A (1 to 5) | MOSLX-100W | 15° | BM+W | 148 270 | 398 398 | 15° | W | 27 50 | 481 481 | 15° | W | 0 0 | 500 500 | 15° | W | 0 0 | 500 500 | 15° | W | 0 0 | 500 500 |
| | MOSLX-80W | 15° | BM+W | 116 212 | 420 420 | 15° | W | 0 0 | 500 500 | 15° | W | 0 0 | 500 500 | 15° | W | 0 0 | 500 500 | 15° | W | 0 0 | 500 500 |
| | MOSLX-60W | 15° | BM+W | 86 157 | 441 441 | 15° | W | 0 0 | 500 500 | 15° | W | 0 0 | 500 500 | 15° | W | 0 0 | 500 500 | 15° | W | 0 0 | 500 500 |
| | MOSLX-40W | 15° | BM+W | 49 90 | 466 466 | 15° | W | 0 0 | 500 500 | 15° | W | 0 0 | 500 500 | 15° | W | 0 0 | 500 500 | 15° | W | 0 0 | 500 500 |
| | MOSLX-30W | 15° | BM+W | 37 67 | 475 475 | 15° | W | 0 0 | 500 500 | 15° | W | 0 0 | 500 500 | 15° | W | 0 0 | 500 500 | 15° | W | 0 0 | 500 500 |
| | MOSLX-20W | 15° | BM+W | 25 45 | 483 483 | 15° | W | 0 0 | 500 500 | 15° | W | 0 0 | 500 500 | 15° | W | 0 0 | 500 500 | 15° | W | 0 0 | 500 500 |

| ITEM NO. | QTY. | PART NUMBER | DESCRIPTION | DRAWING NUMBER | MATERIAL | WEIGHT |
|----------|------|-----------------------------------|---|--|--------------------------------|--------|
| 1 | 1 | G5-6PB-600-3625-AL-HG-TQ2849 | G5 - Base Section Assy (6m) - Custom | W-AU-G5-6PB-600-3625-AL-HG-TQ2849 | ALUMINIUM & STEEL / HDG FINISH | 12.5 |
| 2 | 1 | G5-060B-CHS-500-4678-AL-HG-TQ2849 | G5 - Main Pole Section Assy (6m) - Custom | W-AU-G5-060B-CHS-500-4678-AL-HG-TQ2849 | ALUMINIUM & STEEL / HDG FINISH | 14.3 |



PART NUMBER = G5-6000-P-002-AL-HG-TQ2849
 MATERIAL = ALUMINIUM & STEEL / HDG FINISH
 WEIGHT = 26.8 kg

EXPLODED VIEW

- FABRICATION NOTES:
1. WELDS SHALL COMPLY WITH AS 1554.1 SP
 2. PIPES SHALL COMPLY WITH AS 1163 & AS/NZS 1866
 3. PLATES SHALL COMPLY WITH AS/NZS 3678
 4. STEELWORK SHALL COMPLY WITH AS 4100.
 5. REMOVE ALL WELD SPATTER & SHARP EDGES.
 6. HOT DIP GALVANISE TO AS/NZS 4680

| REV. | DESCRIPTION | DATE | APPROVED |
|------|---|------------|----------|
| 3 | RQ1739 - ITEM ② NOW G5-060B-CHS-500-4678-AL-HG-TQ2849 (WAS G5-060B-CHS-450-4678-AL-HG-TQ2849 - ITEM ② WALL THICKNESS NOW 5mm (WAS 4.5mm)) | 21/01/2022 | KM |
| 2 | RQ1686 - ASSEMBLY COMBINED WITH NEW ITEMS ① & ② | 1/07/21 | BP |
| 1 | RQ1666 - ITEMS ② ③ ⑤ ⑥ & ⑦ REVISED PARTS & M16 FSNK | 16/05/21 | BP |
| 0 | ISSUED FOR MANUFACTURE | 19/04/21 | KM |

TOLERANCES
 ALL DIMENSIONS IN MILLIMETERS U.N.O.

| | |
|-----------------|--------------------------|
| FABRICATION ±2 | MACHINE FINISH 1.6µm(N7) |
| MACHINING ±0.15 | HOLE PITCH ±0.5 |
| ANGULAR ±0.25° | WELDS CFW OR FPB |

TOLERANCES MAY BE EXCEEDED ONLY WITH APPROVAL FROM SWIVELPOLE

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| | | | |
|-----------------------------------|------------------------|--|---|
| ALL DIMENSIONS ARE IN MILLIMETERS | PROJECT SWIVELPOLE™ | SERIES / CODE G | PART NUMBER G5-6000-P-002-AL-HG-TQ2849 |
| DRAWN BY KM | DATE 19/04/21 | TITLE Swivelpole Swivelpole™ / MOMA JV Fabrication Detail | |
| CHECKED BY AI | DATE 19/04/21 | DRG No W-AU-G5-6000-P-002-AL-HG-TQ2849 | |
| APPROVED BY RP | DATE 19/04/21 | SCALE 1:30 | REV 3 |

THIRD ANGLE PROJECTION

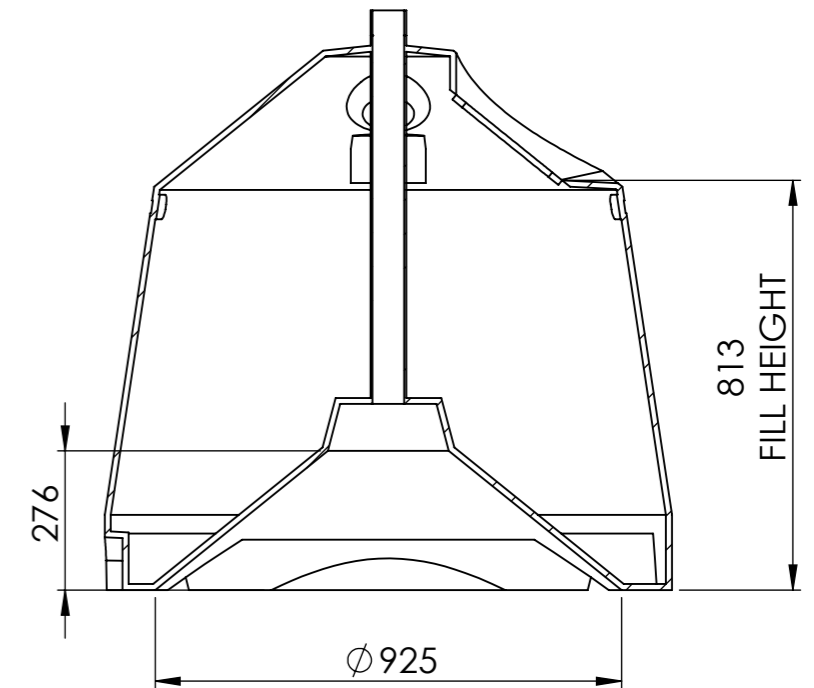
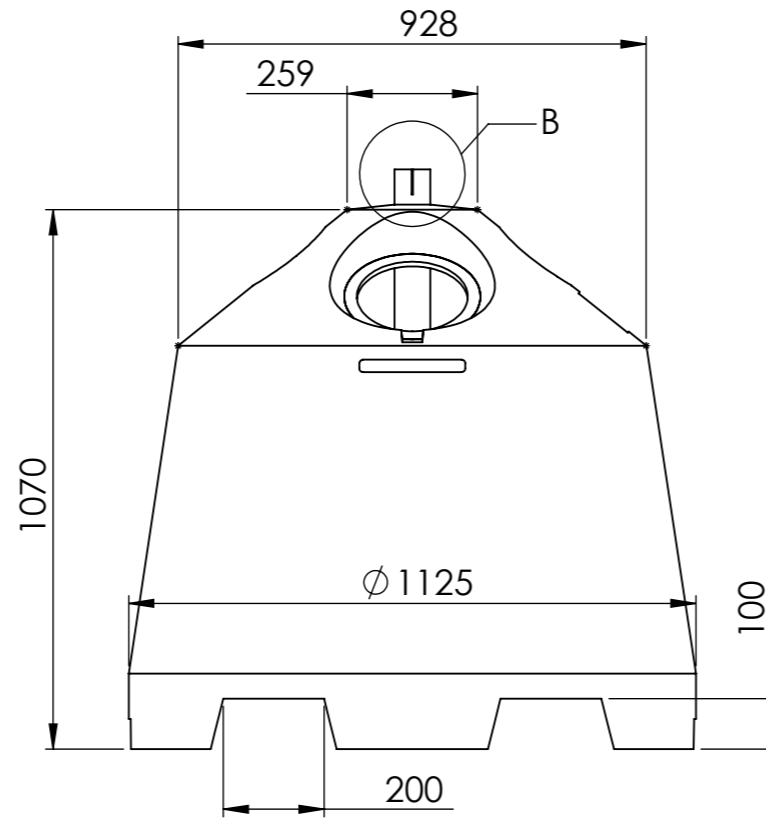
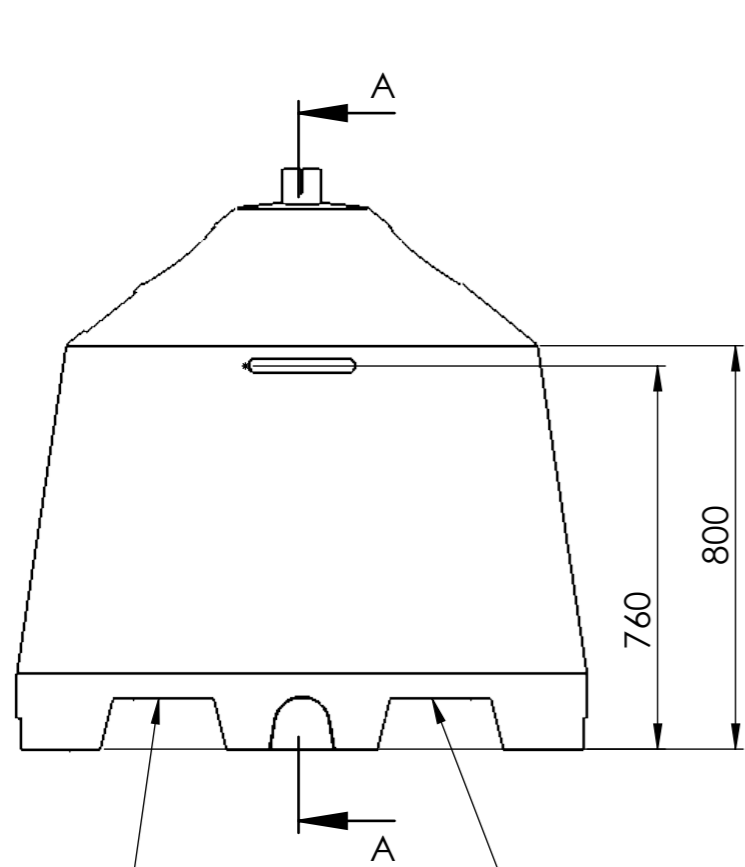
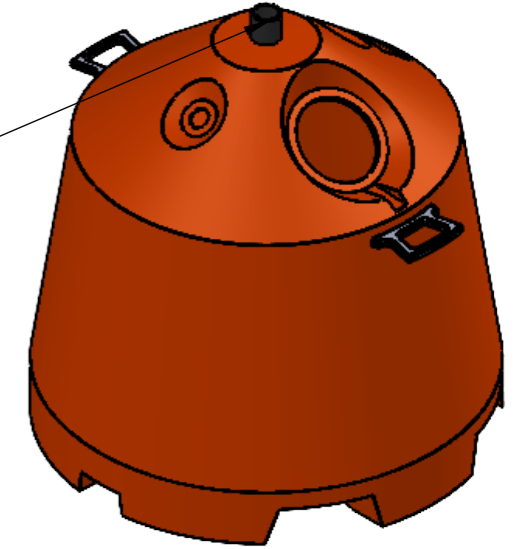
SPECIFICATIONS

WEIGHT - 56KG
 CONCRETE CAPACITY - 500L
 WALL THICKNESS - 12MM

SLOTS TO AID IN CLAMPING
 (POST MOULD PROCESS)

DETAIL B
 SCALE 1 : 2

PE PIPE
 DN75 SDR17



FORKLIFT RECESS
 FORKLIFT RECESS

SECTION A-A
 SCALE 1 : 15

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| Description: | | THE INFORMATION CONTAINED IN THIS DRAWING IS THE PROPERTY OF MELBOURNE ROTOMOULD. THE CONTENTS ARE CONFIDENTIAL UNLESS SPECIFIED BY MELBOURNE ROTOMOULD. | |
| Part No: MOMA Base Variable Ballast | Dimensions are in millimetres unless otherwise specified DO NOT SCALE | Tolerances: X +/- 3% X.X +/- 0.5 X.XX +/- 0.25 X.XXX +/- 0.1 | Drawn by: Reuben D'Souza |
| Material: | Approx Weight: g | Angles +/- 1 | Drawn Date: 6/06/2022 |
| Finish: | THIRD ANGLE PROJECTION | Sheet Size: A3 | Approved by: |
| | | Melro Melbourne Rotomould 20 Campbell St, Pakenham VIC 3810 (03) 5940 4334 www.melro.com.au | Approved Date: |
| | | Drawing Scale: 1:15 | Sheet: 1 of 2 |
| | | | Revision: |