

# UMBRA ADVANCED IP65

Advanced IP65 Weatherproof Batten

## FEATURES

- Tri-colour
- IP65 weatherproof rating and IK08 impact rating
- Selectable output power
- Exclusive 5 year warranty
- Increased Lumen efficiency
- Half Power mode
- Increased ambient temperature of 40 degrees



## SELECTED MODELS

- Emergency models fully compliant (AS/NZS 2293.3)
- High Quality Lithium battery (LiFePO4) and smart charger included with emergency models
- Corridor mode
- Microwave sensor
- Corridor function
- Increased ambient temperature of 40°

### MECHANICAL

|                   |               |
|-------------------|---------------|
| Body Material     | Polycarbonate |
| Diffuser Material | Polycarbonate |
| Fitting Colour    | Grey          |
| Installation Type | Surface mount |
| IP Rating         | IP65          |

### ELECTRICAL

|  |        |
|--|--------|
| Electrical Rating (Class)  | 1      |
| Input Current (A)  |        |
| EV-UMBRA-ADV-IP65-1200-EM-S-TRI<br>EV-UMBRA-ADV-IP65-1200-EM-TRI<br>EV-UMBRA-ADV-IP65-1200-S-TRI<br>EV-UMBRA-ADV-IP65-1200-TRI | 0.2    |
| EV-UMBRA-ADV-IP65-600-EM-S-TRI<br>EV-UMBRA-ADV-IP65-600-EM-TRI<br>EV-UMBRA-ADV-IP65-600-S-TRI<br>EV-UMBRA-ADV-IP65-600-TRI     | 0.1    |
| Input Frequency (Hz)   | 50     |
| Input voltage  | 230Vac |

In Australia the Input voltage is defined as 230Vac -6%/+10%. This effectively means that the voltage range of these products are 216Vac - 253Vac or 240V +6%

### Maximum Wattage (W)

|  |    |
|--|----|
| EV-UMBRA-ADV-IP65-1200-EM-S-TRI<br>EV-UMBRA-ADV-IP65-1200-EM-TRI<br>EV-UMBRA-ADV-IP65-1200-S-TRI<br>EV-UMBRA-ADV-IP65-600-EM-S-TRI | 36 |
| EV-UMBRA-ADV-IP65-1200-S-TRI<br>EV-UMBRA-ADV-IP65-600-EM-TRI<br>EV-UMBRA-ADV-IP65-600-S-TRI  | 20 |
| EV-UMBRA-ADV-IP65-600-TRI  | 17 |

### Power Factor

|   |      |
|---|------|
| EV-UMBRA-ADV-IP65-1200-EM-S-TRI   | 0.95 |
| EV-UMBRA-ADV-IP65-1200-EM-TRI<br>EV-UMBRA-ADV-IP65-1200-S-TRI<br>EV-UMBRA-ADV-IP65-1200-TRI<br>EV-UMBRA-ADV-IP65-600-EM-S-TRI<br>EV-UMBRA-ADV-IP65-600-EM-TRI<br>EV-UMBRA-ADV-IP65-600-S-TRI<br>EV-UMBRA-ADV-IP65-600-TRI | 0.9  |

### Standby Power (W)

|  |    |
|--|----|
| EV-UMBRA-ADV-IP65-1200-EM-S-TRI<br>EV-UMBRA-ADV-IP65-1200-EM-TRI<br>EV-UMBRA-ADV-IP65-1200-TRI<br>EV-UMBRA-ADV-IP65-600-EM-S-TRI | 36 |
| EV-UMBRA-ADV-IP65-1200-S-TRI<br>EV-UMBRA-ADV-IP65-600-EM-TRI<br>EV-UMBRA-ADV-IP65-600-S-TRI                                      | 20 |
| EV-UMBRA-ADV-IP65-600-TRI  | 17 |

Standby power for maintained emergency devices is measured when the light is on and the charger is in standby. Typically charging occurs for the first 16 hours after the device is powered or after a discharge. For non-maintained emergency devices or DALI controlled devices this is measured when the light is off and charger is in standby mode.



|                        |         |
|------------------------|---------|
| Working Temp Range (C) | 0 to 40 |
|------------------------|---------|

### LAMP

|                      |                        |
|----------------------|------------------------|
| Macadam Steps (SDCM) | 4-step MacAdam Ellipse |
|----------------------|------------------------|

|                   |         |
|-------------------|---------|
| CCT Configuration | TRI-CCT |
|-------------------|---------|

|     |     |
|-----|-----|
| CRI | >80 |
|-----|-----|

#### Lamp/LED Current (mA)

|  |     |
|--|-----|
| EV-UMBRA-ADV-IP65-1200-EM-S-TRI<br>EV-UMBRA-ADV-IP65-1200-EM-TRI<br>EV-UMBRA-ADV-IP65-1200-S-TRI | 890 |
|--|-----|

|                            |     |
|----------------------------|-----|
| EV-UMBRA-ADV-IP65-1200-TRI | 700 |
|----------------------------|-----|

|   |     |
|---|-----|
| EV-UMBRA-ADV-IP65-600-EM-S-TRI<br>EV-UMBRA-ADV-IP65-600-EM-TRI<br>EV-UMBRA-ADV-IP65-600-S-TRI | 480 |
|---|-----|

|                           |     |
|---------------------------|-----|
| EV-UMBRA-ADV-IP65-600-TRI | 350 |
|---------------------------|-----|

#### Lamp/LED voltage (V)

|   |    |
|---|----|
| EV-UMBRA-ADV-IP65-1200-EM-S-TRI<br>EV-UMBRA-ADV-IP65-1200-EM-TRI<br>EV-UMBRA-ADV-IP65-1200-S-TRI<br>EV-UMBRA-ADV-IP65-600-EM-S-TRI<br>EV-UMBRA-ADV-IP65-600-EM-TRI<br>EV-UMBRA-ADV-IP65-600-S-TRI | 36 |
|---|----|

|   |    |
|---|----|
| EV-UMBRA-ADV-IP65-1200-TRI<br>EV-UMBRA-ADV-IP65-600-TRI | 42 |
|---|----|

### LED LIFETIME

|                        |       |
|------------------------|-------|
| TM-21 Test Hours (hrs) | 10000 |
|------------------------|-------|

|                   |    |    |
|-------------------|----|----|
| Ambient Temp (°C) | 25 | 40 |
|-------------------|----|----|

|        |       |       |
|--------|-------|-------|
| L90B10 | 23000 | 21000 |
|--------|-------|-------|

|        |       |       |
|--------|-------|-------|
| L80B10 | 46000 | 42000 |
|--------|-------|-------|

|        |        |        |
|--------|--------|--------|
| L70B10 | >60000 | >60000 |
|--------|--------|--------|

|        |        |        |
|--------|--------|--------|
| L70B50 | >60000 | >60000 |
|--------|--------|--------|

### COLOUR TEMPERATURE

|  |  |
|--|--|
| EV-UMBRA-ADV-IP65-1200-EM-S-TRI<br>EV-UMBRA-ADV-IP65-1200-EM-TRI<br>EV-UMBRA-ADV-IP65-1200-S-TRI |  |
|--|--|

#### 17 Watts

|                    |          |
|--------------------|----------|
| Warm White (4000K) | >2150 lm |
|--------------------|----------|

|                    |          |
|--------------------|----------|
| Cool White (5000K) | >2200 lm |
|--------------------|----------|

|                  |          |
|------------------|----------|
| DayLight (6500K) | >2100 lm |
|------------------|----------|

#### 32 Watts

|                    |          |
|--------------------|----------|
| Warm White (4000K) | >4100 lm |
|--------------------|----------|

|                    |          |
|--------------------|----------|
| Cool White (5000K) | >4250 lm |
|--------------------|----------|

|                  |          |
|------------------|----------|
| DayLight (6500K) | >4000 lm |
|------------------|----------|

|                            |  |
|----------------------------|--|
| EV-UMBRA-ADV-IP65-1200-TRI |  |
|----------------------------|--|

#### 21 Watts

|                    |          |
|--------------------|----------|
| Warm White (4000K) | >2150 lm |
|--------------------|----------|

|                    |          |
|--------------------|----------|
| Cool White (5000K) | >2200 lm |
|--------------------|----------|

|                  |          |
|------------------|----------|
| DayLight (6500K) | >2100 lm |
|------------------|----------|

#### 30 Watts

|                    |          |
|--------------------|----------|
| Warm White (4000K) | >4100 lm |
|--------------------|----------|

|                    |          |
|--------------------|----------|
| Cool White (5000K) | >4250 lm |
|--------------------|----------|

|                  |          |
|------------------|----------|
| DayLight (6500K) | >4000 lm |
|------------------|----------|

|   |  |
|---|--|
| EV-UMBRA-ADV-IP65-600-EM-S-TRI<br>EV-UMBRA-ADV-IP65-600-EM-TRI<br>EV-UMBRA-ADV-IP65-600-S-TRI |  |
|---|--|

#### 9 Watts

|                    |          |
|--------------------|----------|
| Warm White (4000K) | >1100 lm |
|--------------------|----------|

|                    |          |
|--------------------|----------|
| Cool White (5000K) | >1150 lm |
|--------------------|----------|

|                  |          |
|------------------|----------|
| DayLight (6500K) | >1100 lm |
|------------------|----------|

#### 17 Watts

|                    |          |
|--------------------|----------|
| Warm White (4000K) | >2050 lm |
|--------------------|----------|

|                    |          |
|--------------------|----------|
| Cool White (5000K) | >2150 lm |
|--------------------|----------|

|                  |          |
|------------------|----------|
| DayLight (6500K) | >2000 lm |
|------------------|----------|

|                           |  |
|---------------------------|--|
| EV-UMBRA-ADV-IP65-600-TRI |  |
|---------------------------|--|

#### 9 Watts

|                    |          |
|--------------------|----------|
| Warm White (4000K) | >1100 lm |
|--------------------|----------|

|                    |          |
|--------------------|----------|
| Cool White (5000K) | >1150 lm |
|--------------------|----------|

|                  |          |
|------------------|----------|
| DayLight (6500K) | >1100 lm |
|------------------|----------|

#### 15 Watts

|                    |         |
|--------------------|---------|
| Warm White (4000K) | 1900 lm |
|--------------------|---------|

|                    |         |
|--------------------|---------|
| Cool White (5000K) | 1950 lm |
|--------------------|---------|

|                  |         |
|------------------|---------|
| DayLight (6500K) | 1850 lm |
|------------------|---------|

### DRIVER

#### Driver Current (mA)

|  |     |
|--|-----|
| EV-UMBRA-ADV-IP65-1200-EM-S-TRI<br>EV-UMBRA-ADV-IP65-1200-EM-TRI<br>EV-UMBRA-ADV-IP65-1200-S-TRI | 890 |
|--|-----|

|                            |     |
|----------------------------|-----|
| EV-UMBRA-ADV-IP65-1200-TRI | 700 |
|----------------------------|-----|

|   |     |
|---|-----|
| EV-UMBRA-ADV-IP65-600-EM-S-TRI<br>EV-UMBRA-ADV-IP65-600-EM-TRI<br>EV-UMBRA-ADV-IP65-600-S-TRI | 480 |
|---|-----|

|                           |     |
|---------------------------|-----|
| EV-UMBRA-ADV-IP65-600-TRI | 350 |
|---------------------------|-----|

|          |    |
|----------|----|
| Dimmable | No |
|----------|----|

|                 |     |
|-----------------|-----|
| Driver Included | Yes |
|-----------------|-----|

|                   |    |
|-------------------|----|
| Integrated Driver | No |
|-------------------|----|

|             |                  |
|-------------|------------------|
| Driver Mode | Constant Current |
|-------------|------------------|

|             |              |
|-------------|--------------|
| Driver Type | Fixed output |
|-------------|--------------|

#### Wiring Type

|   |                                    |
|---|------------------------------------|
| EV-UMBRA-ADV-IP65-1200-EM-S-TRI<br>EV-UMBRA-ADV-IP65-1200-EM-TRI<br>EV-UMBRA-ADV-IP65-1200-S-TRI<br>EV-UMBRA-ADV-IP65-600-EM-S-TRI<br>EV-UMBRA-ADV-IP65-600-EM-TRI<br>EV-UMBRA-ADV-IP65-600-S-TRI | Re-wireable terminal block (4 pin) |
|---|------------------------------------|



EV-UMBRA-ADV-IP65-1200-TRI  
EV-UMBRA-ADV-IP65-600-TRI

Re-wireable terminal block (3 pin)

### SENSOR (S SUFFIX)

|   |           |
|---|-----------|
| Adjustable Detection Area / Sensitivity | Yes       |
| Adjustable Hold Time                    | Yes       |
| Adjustable Standby Level                | Yes       |
| Adjustable Standby Period               | Yes       |
| Corridor Function                       | Yes       |
| Detection Range (m)                     | 10        |
| Dusk Mode                               | Yes       |
| Lux Adjustment                          | Yes       |
| Sensor Type                             | Microwave |
| Switched Output                         | No        |
| Time Delay (m)                          | 5s-14mins |

### EMERGENCY (EM SUFFIX)

|  |                 |
|--|-----------------|
| Replacement Battery Code   | 01302           |
| Emergency Classification   |                 |
| EV-UMBRA-ADV-IP65-1200-EM-S-TRI<br>EV-UMBRA-ADV-IP65-1200-EM-TRI   | C0:D63, C90:D40 |
| EV-UMBRA-ADV-IP65-1200-S-TRI<br>EV-UMBRA-ADV-IP65-1200-TRI<br>EV-UMBRA-ADV-IP65-600-S-TRI<br>EV-UMBRA-ADV-IP65-600-TRI |                 |
| EV-UMBRA-ADV-IP65-600-EM-S-TRI<br>EV-UMBRA-ADV-IP65-600-EM-TRI   | C0:D50, C90:D40 |
| Emergency Duration (mins)  | 120             |
| Emergency Lumen Output (Lm)  |                 |
| EV-UMBRA-ADV-IP65-1200-EM-S-TRI<br>EV-UMBRA-ADV-IP65-1200-EM-TRI   | 420             |
| EV-UMBRA-ADV-IP65-1200-S-TRI<br>EV-UMBRA-ADV-IP65-1200-TRI<br>EV-UMBRA-ADV-IP65-600-S-TRI<br>EV-UMBRA-ADV-IP65-600-TRI |                 |
| EV-UMBRA-ADV-IP65-600-EM-S-TRI<br>EV-UMBRA-ADV-IP65-600-EM-TRI   | 400             |
| Emergency Mode   | Maintained      |
| Emergency Output Power (mW)  |                 |
| EV-UMBRA-ADV-IP65-1200-EM-S-TRI<br>EV-UMBRA-ADV-IP65-1200-EM-TRI   | 3600            |
| EV-UMBRA-ADV-IP65-1200-S-TRI<br>EV-UMBRA-ADV-IP65-1200-TRI<br>EV-UMBRA-ADV-IP65-600-S-TRI<br>EV-UMBRA-ADV-IP65-600-TRI |                 |
| EV-UMBRA-ADV-IP65-600-EM-S-TRI<br>EV-UMBRA-ADV-IP65-600-EM-TRI   | 3400            |

### COMPLIANCE

#### Design Life (hr)

|   |       |
|---|-------|
| EV-UMBRA-ADV-IP65-1200-EM-S-TRI<br>EV-UMBRA-ADV-IP65-1200-EM-TRI<br>EV-UMBRA-ADV-IP65-1200-S-TRI<br>EV-UMBRA-ADV-IP65-600-EM-S-TRI<br>EV-UMBRA-ADV-IP65-600-EM-TRI<br>EV-UMBRA-ADV-IP65-600-S-TRI | 60000 |
| EV-UMBRA-ADV-IP65-1200-TRI<br>EV-UMBRA-ADV-IP65-600-TRI   | 54000 |

#### Standards

AS/NZS 60598.1  
AS 60598.2.22  
AS/NZS 61347.1  
AS/NZS 61347.2.13  
AS CISPR 15  
AS/NZS 2293.3  
AS/NZS 60598.2.1

### WARRANTY

|                         |                                 |
|-------------------------|---------------------------------|
| Commercial Use Warranty | 2 Onsite, 3 RTB (Total 5 Years) |
|-------------------------|---------------------------------|

### DIMENSIONS

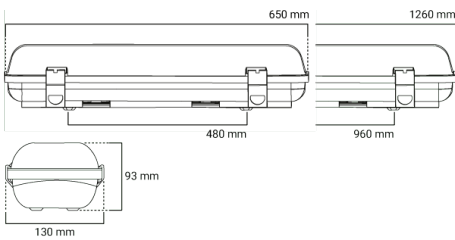
|  |      |
|--|------|
| Product Height (mm)  | 93   |
| Product Length (mm)  |      |
| EV-UMBRA-ADV-IP65-1200-EM-S-TRI<br>EV-UMBRA-ADV-IP65-1200-EM-TRI<br>EV-UMBRA-ADV-IP65-1200-S-TRI<br>EV-UMBRA-ADV-IP65-1200-TRI | 1230 |
| EV-UMBRA-ADV-IP65-600-EM-S-TRI<br>EV-UMBRA-ADV-IP65-600-EM-TRI<br>EV-UMBRA-ADV-IP65-600-S-TRI<br>EV-UMBRA-ADV-IP65-600-TRI     | 620  |
| Product Width (mm)   | 130  |

### ORDERING INFORMATION

| ORDER CODE | ITEM CODE                              | DESCRIPTION   |
|------------|--|---|
| 12033      | <b>EV-UMBRA-ADV-IP65-1200-EM-S-TRI</b> | UMBRA ADVANCED 1200mm LED Emergency batten - Tri-CCT w sensor |
| 12037      | <b>EV-UMBRA-ADV-IP65-1200-EM-TRI</b>   | UMBRA ADVANCED 1200mm LED Emergency batten - Tri-CCT Ver 2    |
| 12032      | <b>EV-UMBRA-ADV-IP65-1200-S-TRI</b>    | UMBRA ADVANCED 1200mm LED batten - Tri-CCT w sensor           |
| 11219      | <b>EV-UMBRA-ADV-IP65-1200-TRI</b>      | UMBRA Advanced 1200mm LED wide body batten - Tri-CCT          |
| 12031      | <b>EV-UMBRA-ADV-IP65-600-EM-S-TRI</b>  | UMBRA ADVANCED 600mm LED Emergency batten - Tri-CCT w sensor  |
| 12035      | <b>EV-UMBRA-ADV-IP65-600-EM-TRI</b>    | UMBRA ADVANCED 600mm LED Emergency batten - Tri-CCT Ver 2     |
| 12030      | <b>EV-UMBRA-ADV-IP65-600-S-TRI</b>     | UMBRA ADVANCED 600mm LED batten - Tri-CCT w sensor            |
| 11204      | <b>EV-UMBRA-ADV-IP65-600-TRI</b>       | UMBRA Advanced 600mm LED wide body batten - Tri-CCT           |

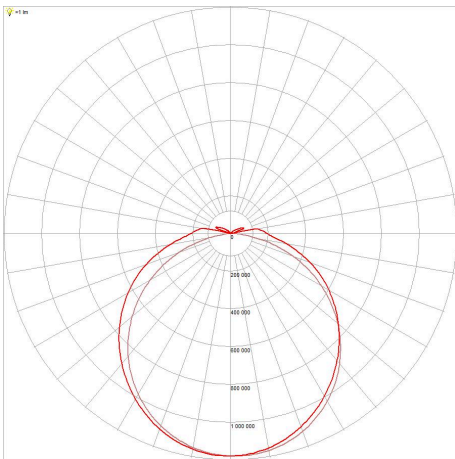
### LINE DRAWINGS

#### EV/UMBRA/ADV/IP65

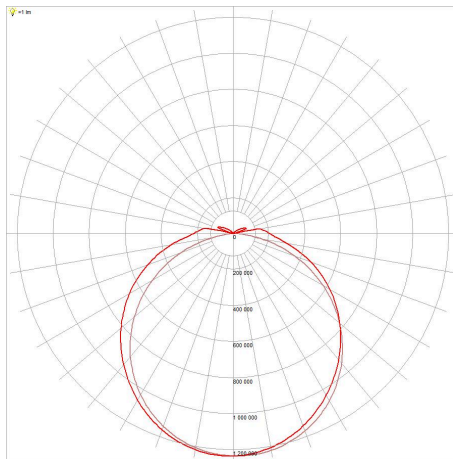


### PHOTOMETRICS

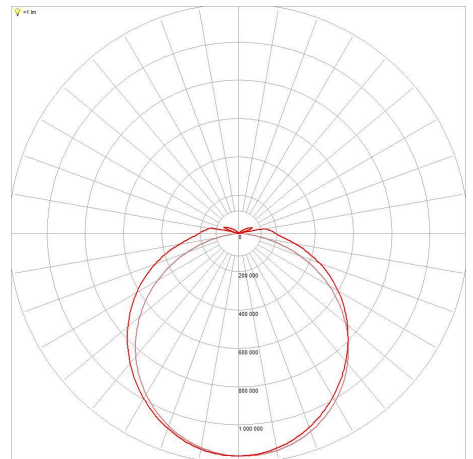
#### UMBRA\_ADV\_IP65\_1200MM\_(EM+S)\_FULL\_POWER\_4000K



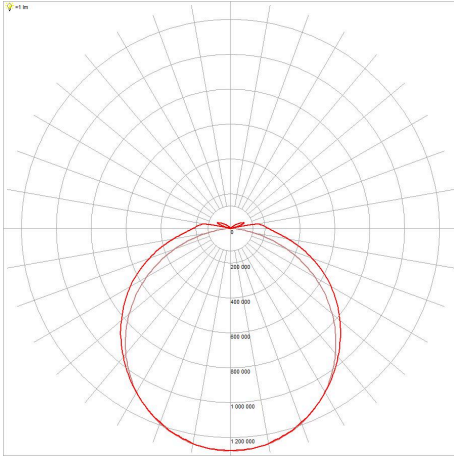
#### UMBRA\_ADV\_IP65\_1200MM\_(EM+S)\_FULL\_POWER\_5000K



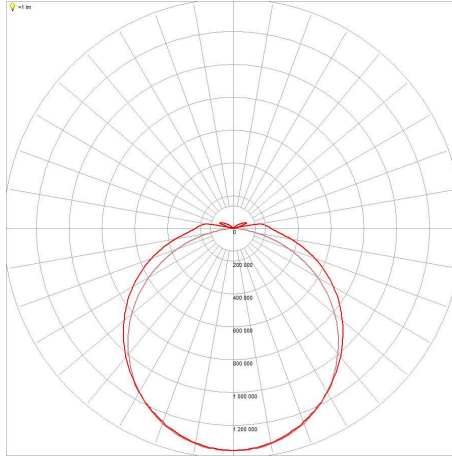
#### UMBRA\_ADV\_IP65\_1200MM\_(EM+S)\_FULL\_POWER\_6500K



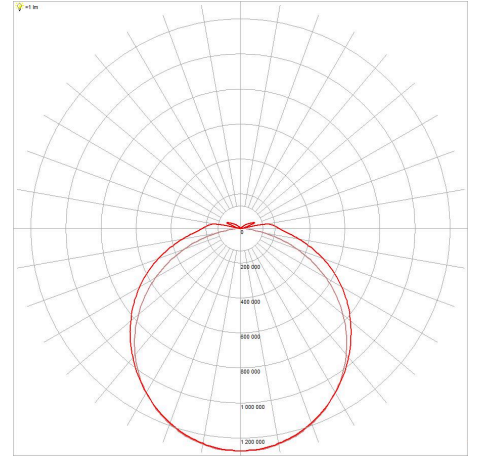
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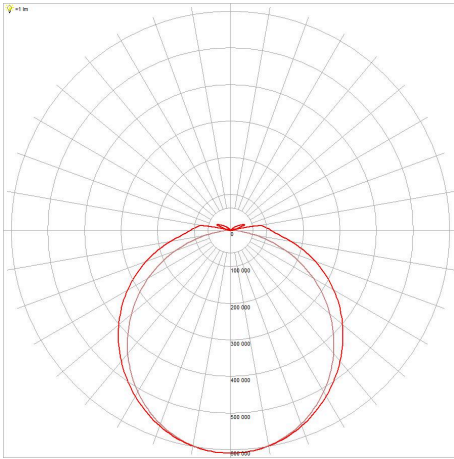
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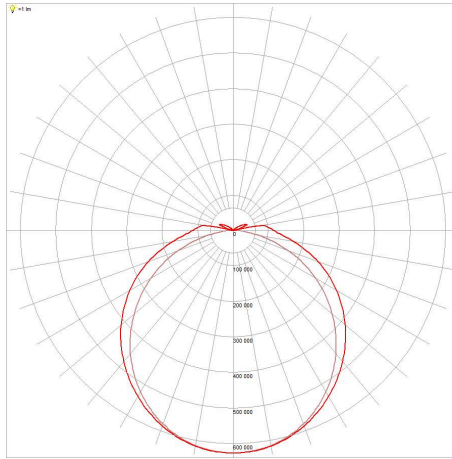
UMBRA\_ADV\_IP65\_1200MM\_FULL\_POWER\_6500K



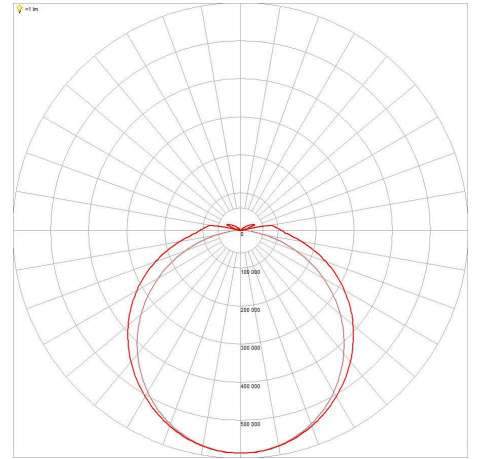
UMBRA\_ADV\_IP65\_600MM\_(EM+S)\_FULL\_POWER\_4000K



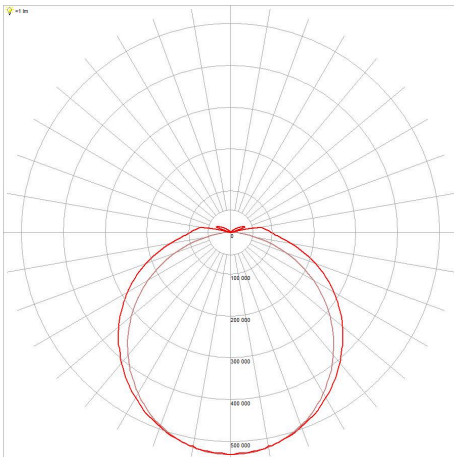
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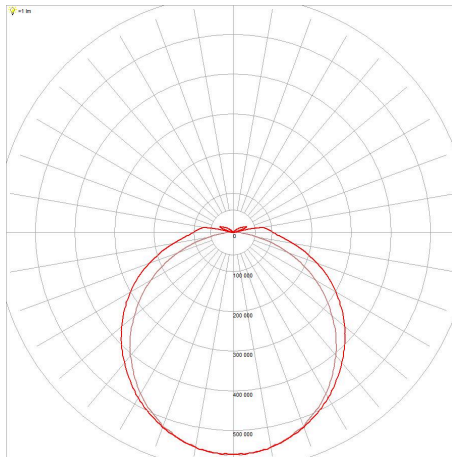
UMBRA\_ADV\_IP65\_600MM\_(EM+S)\_FULL\_POWER\_6500K



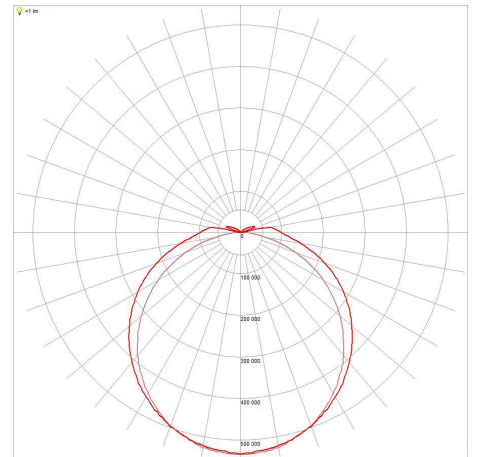
UMBRA\_ADV\_IP65\_600MM\_FULL\_POWER\_4000K



UMBRA\_ADV\_IP65\_600MM\_FULL\_POWER\_5000K



UMBRA\_ADV\_IP65\_600MM\_FULL\_POWER\_6500K



**ACCESSORIES**

| ORDER CODE | ITEM CODE                         | DESCRIPTION  |
|------------|-----------------------------------|--|
| 12404      | <a href="#">CLIPS-AT9890-96/P</a> | Plastic Clips (10) Kit for Wide Body WP Battens                |
| 11465      | <a href="#">EV-SS316-WP-CLIPS</a> | UMBRA vandal resist SS316 clips/screw/allen key- kit (10 pack) |
| 12130      | <a href="#">EV-UMBRA-CLIPS</a>    | Umbra Core Stainless Steel clips - Pack of 10                  |