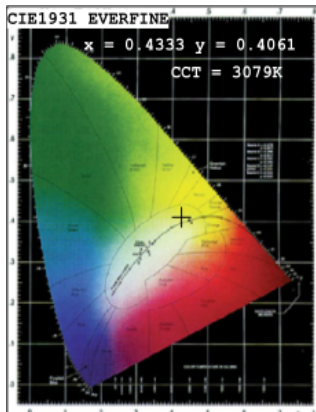
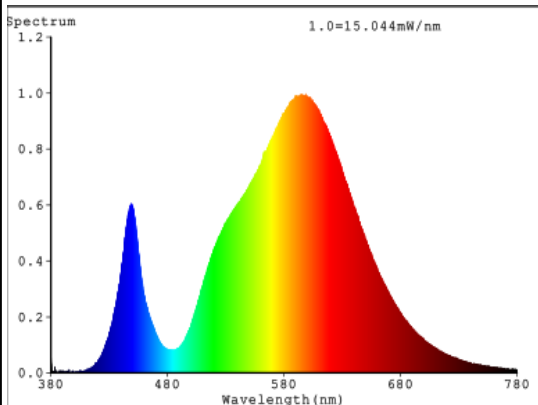


Light SpectroPhotoColorMeter Analysis Report

Relative Spectral Energy Distribution:



Main Parameters:

| | | | | | | | |
|---------------------|----------|----------|---------|----------------------|---|------------|------------|
| CCT | 3000K | MainWave | 582.0nm | Luminous | 742.7lm | Efficiency | 110.13lm/w |
| Current | 0.05219A | Voltage | 229.11V | Power | 6.744W | PF | 0.5640 |
| Average Color Index | 72.5 | | | Chromatic Coordinate | $x=0.4333$ $y=0.4061$ $u=0.2474$ $v=0.5216$ | | |

Other Parameters:

| | | | | | |
|----------------|---|----------|---------|------|------|
| ColorPurity | 52% | PeakWave | 598.7nm | Peak | |
| HalfWaveLength | 123.1nm | RedRatio | 20.9% | HZ | 50Hz |
| CRI: | R1 =69 R2 =81 R3 =91 R4 =70 R5 =68 R6 =73 R7 =80 R8 =48 R9 =0 R10=55 R11=65 R12=45 R13=71 R14=94 R15=62 | | | | |

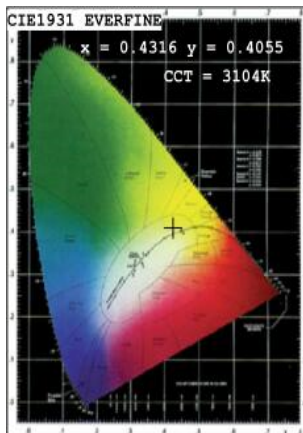
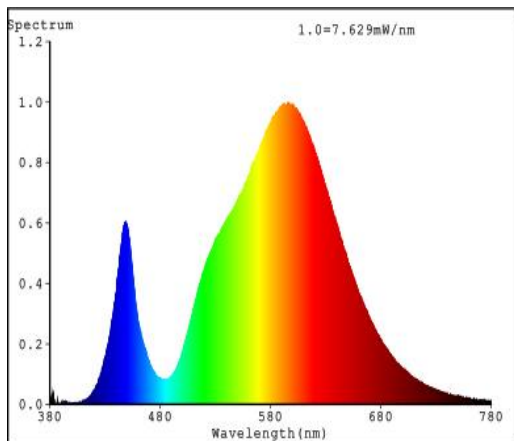
Product Information:

| | | | |
|-------------|-----------------------|----------|--------------|
| ITEM | LED OUTDOOR WALL LAMP | Model | MB10123006BK |
| WATT | 6W | CCT | 3000K |
| Temperature | 25.3 C | Humidity | 65.0% |
| Origin | MADE IN P.R.C. | Time | 2016-12-25 |

Notes: **THIS REPORT IS THE TEST DATA FROM THE MACHINE OF MANUFACTURER, THE RESULT TESTED BY PROFESSIONAL ENGINEER.**

Light SpectroPhotoColorMeter Analysis Report

Relative Spectral Energy Distribution:



Main Parameters:

| | | | | | | | |
|---------------------|----------|----------|---------|----------------------|-------------------------------------|------------|-----------|
| CCT | 3000K | MainWave | 581.9nm | Luminous | 379.0lm | Efficiency | 98.47lm/w |
| Current | 0.03116A | Voltage | 229.13V | Power | 3.849W | PF | 0.5391 |
| Average Color Index | 72.4 | | | Chromatic Coordinate | x=0.4316 y=0.4055 u=0.2465 v=0.5211 | | |

Other Parameters:

| | | | | | |
|----------------|---|----------|---------|------|------|
| ColorPurity | 51.2% | PeakWave | 596.5nm | Peak | |
| HalfWaveLength | 123.8nm | RedRatio | 20.8 | HZ | 50Hz |
| CRI: | R1 =69 R2 =81 R3 =90 R4 =70 R5 =68 R6 =73 R7 =80 R8 =48 R9 =0 R10=55 R11=65 R12=45 R13=71 R14=94 R15=62 | | | | |

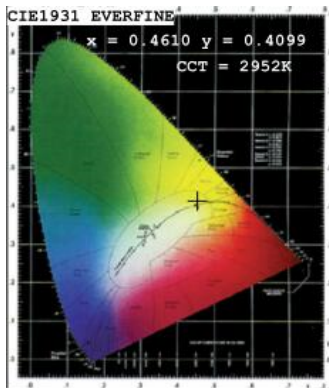
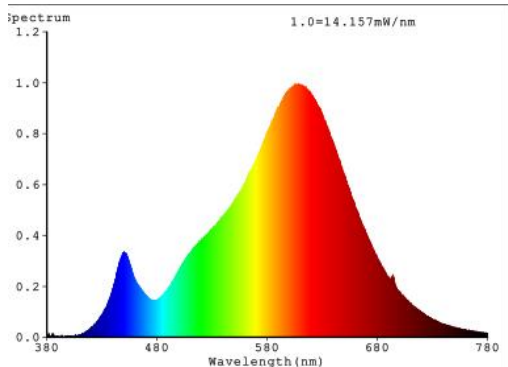
Product Information:

| | | | |
|-------------|-----------------------|----------|--------------|
| ITEM | LED OUTDOOR WALL LAMP | Model | MB10123003BK |
| WATT | 3W | CCT | 3000K |
| Temperature | 25.3 C | Humidity | 65.0% |
| Origin | MADE IN P.R.C. | Time | 2016-12-25 |

Notes: **THIS REPORT IS THE TEST DATA FROM THE MACHINE OF MANUFACTURER, THE RESULT TESTED BY PROFESSIONAL ENGINEER.**

Light SpectroPhotoColorMeter Analysis Report

Relative Spectral Energy Distribution:



Main Parameters:

| | | | | | | | |
|---------------------|----------|----------|---------|--|---------|------------|-----------|
| CCT | 3000K | MainWave | 584.4nm | Luminous | 639.5lm | Efficiency | 89.33lm/w |
| Current | 0.05465A | Voltage | 228.76V | Power | 7.158W | PF | 0.5726 |
| Average Color Index | | 83.2 | | Chromatic Coordinate $x=0.4610$ $y=0.4099$ $u=0.2635$ $v=0.5273$ | | | |

Other Parameters:

| | | | | | |
|----------------|---------|----------|---------|------|------|
| ColorPurity | 61.4% | PeakWave | 608.5nm | Peak | |
| HalfWaveLength | 117.6nm | RedRatio | 25.4% | HZ | 50Hz |
| CRI: | | | | | |

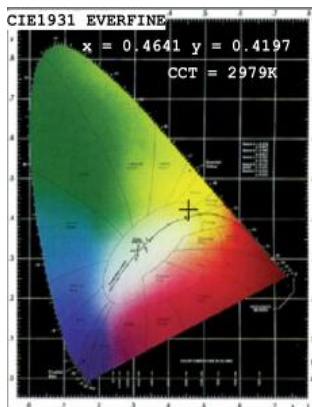
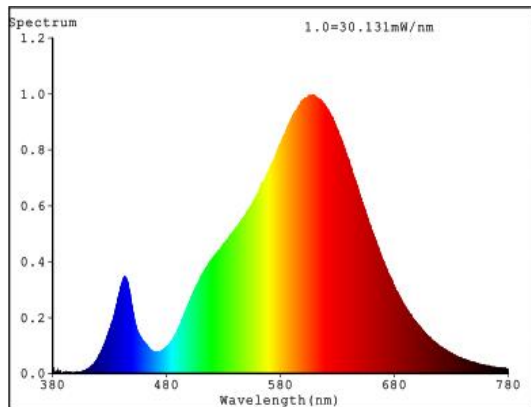
Product Information:

| | | | |
|-------------|-----------------------|----------|--------------|
| ITEM | LED OUTDOOR WALL LAMP | Model | MB10133006BK |
| WATT | 6W | CCT | 3000K |
| Temperature | 25.3 C | Humidity | 65.0% |
| Origin | MADE IN P.R.C. | Time | 2016-12-25 |

Notes: **THIS REPORT IS THE TEST DATA FROM THE MACHINE OF MANUFACTURER, THE RESULT TESTED BY PROFESSIONAL ENGINEER.**

Light SpectroPhotoColorMeter Analysis Report

Relative Spectral Energy Distribution:



Main Parameters:

| | | | | | | | |
|---------------------|---------|----------|---------|----------------------|-------------------------------------|------------|-----------|
| CCT | 3000K | MainWave | 583.2nm | Luminous | 1400lm | Efficiency | 93.72lm/w |
| Current | 0.1025A | Voltage | 230.80V | Power | 14.94W | PF | 0.6316 |
| Average Color Index | 81.3 | | | Chromatic Coordinate | x=0.4641 y=0.4197/u=0.2612 v=0.5314 | | |

Other Parameters:

| | | | | | | | | |
|----------------|---------|----------|---------|--------|--------|--------|--------|--------|
| ColorPurity | 65.3% | PeakWave | 608.2nm | Peak | | | | |
| HalfWaveLength | 125.2nm | RedRatio | 24.7% | HZ | 50Hz | | | |
| CRI: | R1 =79 | R2 =87 | R3 =96 | R4 =81 | R5 =79 | R6 =85 | R7 =84 | |
| | R8 =59 | R9 =7 | R10=72 | R11=81 | R12=68 | R13=80 | R14=97 | R15=71 |

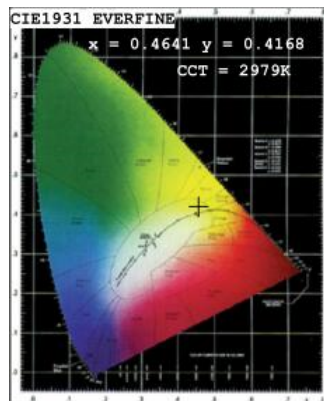
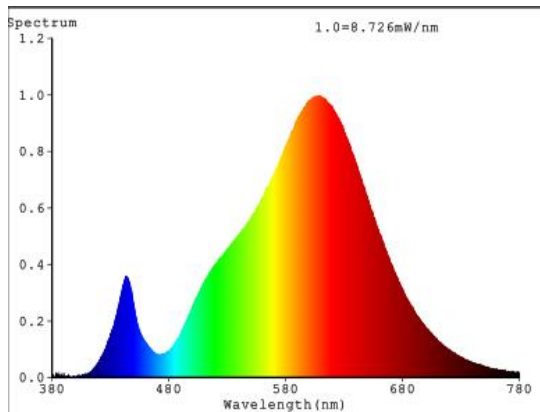
Product Information:

| | | | |
|-------------|-----------------------|----------|--------------|
| ITEM | LED OUTDOOR WALL LAMP | Model | MB50013014BK |
| WATT | 14W | CCT | 3000K |
| Temperature | 25.3 C | Humidity | 65.0% |
| Origin | MADE IN P.R.C. | Time | 2016-12-25 |

Notes: **THIS REPORT IS THE TEST DATA FROM THE MACHINE OF MANUFACTURER, THE RESULT TESTED BY PROFESSIONAL ENGINEER.**

Light SpectroPhotoColorMeter Analysis Report

Relative Spectral Energy Distribution:



Main Parameters:

| | | | | | | | |
|---------------------|----------|----------|---------|--|---------|------------|-----------|
| CCT | 3000K | MainWave | 583.7nm | Luminous | 401.4lm | Efficiency | 77.75lm/w |
| Current | 0.04234A | Voltage | 231.5V | Power | 5.162W | PF | 0.5267 |
| Average Color Index | | 81.3 | | Chromatic Coordinate $x=0.4641$ $y=0.4168$ $u=0.2625$ $v=0.5303$ | | | |

Other Parameters:

| | | | | | | | | | |
|----------------|---------|--------|----------|--------|---------|--------|--------|--------|------|
| ColorPurity | 64.4% | | PeakWave | | 607.4nm | | Peak | | |
| HalfWaveLength | 123.2nm | | RedRatio | | 25.0% | | HZ | | 50Hz |
| CRI: | R1 =79 | R2 =88 | R3 =96 | R4 =81 | R5 =79 | R6 =85 | R7 =84 | | |
| | R8 =59 | R9 =7 | R10=73 | R11=80 | R12=69 | R13=81 | R14=98 | R15=72 | |

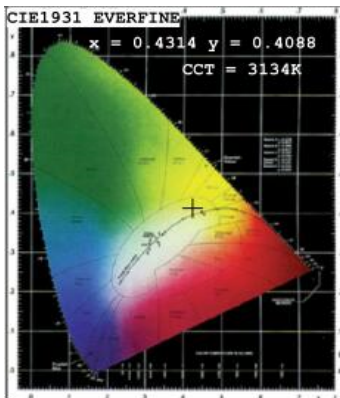
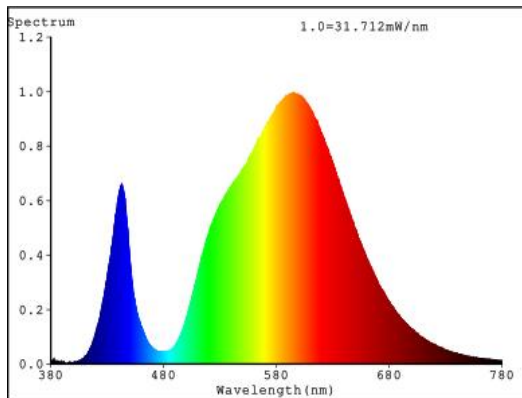
Product Information:

| | | | |
|-------------|-----------------------|----------|--------------|
| ITEM | LED OUTDOOR WALL LAMP | Model | MB10053004BK |
| WATT | 4W | CCT | 3000K |
| Temperature | 25.3 C | Humidity | 65.0% |
| Origin | MADE IN P.R.C. | Time | 2016-12-25 |

Notes: **THIS REPORT IS THE TEST DATA FROM THE MACHINE OF MANUFACTURER, THE RESULT TESTED BY PROFESSIONAL ENGINEER.**

Light SpectroPhotoColorMeter Analysis Report

Relative Spectral Energy Distribution:



Main Parameters:

| | | | | | | | |
|---------------------|----------|----------|---------|----------------------|---------------------------------------|------------|------------|
| CCT | 3000K | MainWave | 581.3nm | Luminous | 1619lm | Efficiency | 131.93lm/w |
| Current | 0.08739A | Voltage | 231.41V | Power | 12.27W | PF | 0.6068 |
| Average Color Index | 71.0 | | | Chromatic Coordinate | x=0.4314 y=0.4088/u'=0.2450 v'=0.5224 | | |

Other Parameters:

| | | | | | |
|----------------|---|----------|---------|------|------|
| ColorPurity | 52.2% | PeakWave | 595.7nm | Peak | |
| HalfWaveLength | 128.9nm | RedRatio | 20.4% | HZ | 50Hz |
| CRI: | R1 =69 R2 =78 R3 =86 R4 =71 R5 =67 R6 =68 R7 =80 R8 =50 R9 =0 R10=48 R11=67 R12=41 R13=69 R14=91 R15=62 | | | | |

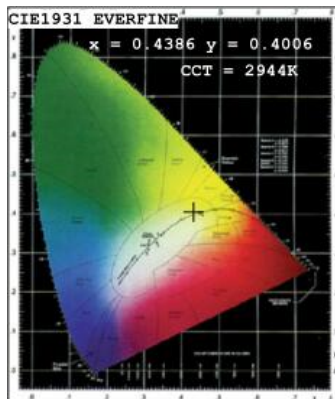
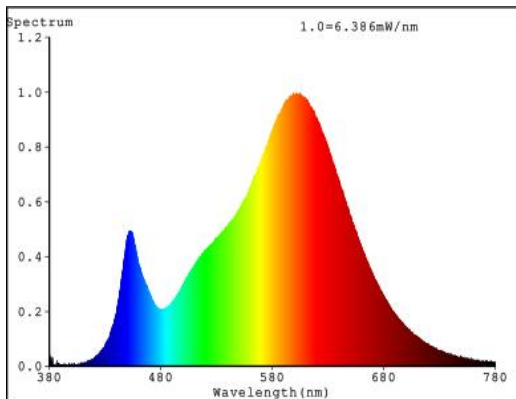
Product Information:

| | | | |
|-------------|-----------------------|----------|--------------|
| ITEM | LED OUTDOOR WALL LAMP | Model | MB10083012BK |
| WATT | 12W | CCT | 3000K |
| Temperature | 25.3 C | Humidity | 65.0% |
| Origin | MADE IN P.R.C. | Time | 2016-12-25 |

Notes: **THIS REPORT IS THE TEST DATA FROM THE MACHINE OF MANUFACTURER, THE RESULT TESTED BY PROFESSIONAL ENGINEER.**

Light SpectroPhotoColorMeter Analysis Report

Relative Spectral Energy Distribution:



Main Parameters:

| | | | | | | | |
|---------------------|----------|----------|---------|----------------------|-------------------------------------|------------|-----------|
| CCT | 3000K | MainWave | 583.6nm | Luminous | 301.7lm | Efficiency | 80.78lm/w |
| Current | 0.03101A | Voltage | 233.29V | Power | 3.734W | PF | 0.5162 |
| Average Color Index | 81.2 | | | Chromatic Coordinate | x=0.4386 y=0.4006/u=0.2531 v=0.5203 | | |

Other Parameters:

| | | | | | |
|----------------|---|----------|---------|------|------|
| ColorPurity | 51.9% | PeakWave | 605.0nm | Peak | |
| HalfWaveLength | 117.4nm | RedRatio | 23.2% | HZ | 50Hz |
| CRI: | R1 =80 R2 =92 R3 =94 R4 =78 R5 =80 R6 =90 R7 =80 R8 =55 R9 =1 R10=81 R11=77 R12=74 R13=83 R14=97 R15=72 | | | | |

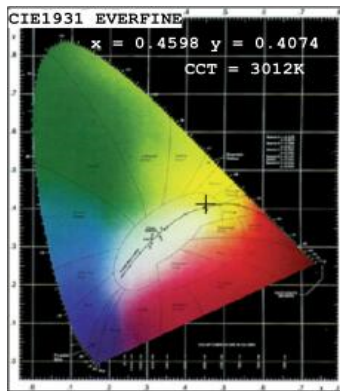
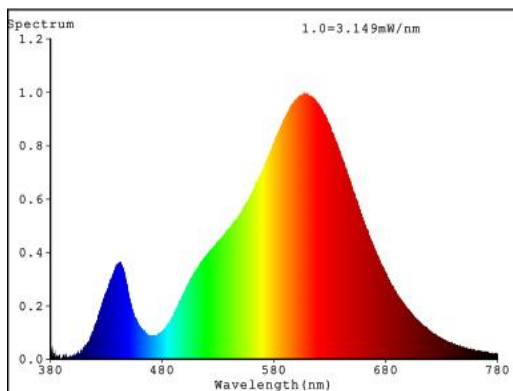
Product Information:

| | | | |
|-------------|-----------------------|----------|--------------|
| ITEM | LED OUTDOOR WALL LAMP | Model | MB10103003BK |
| WATT | 3W | CCT | 3000K |
| Temperature | 25.3 C | Humidity | 65.0% |
| Origin | MADE IN P.R.C. | Time | 2016-12-25 |

Notes: **THIS REPORT IS THE TEST DATA FROM THE MACHINE OF MANUFACTURER, THE RESULT TESTED BY PROFESSIONAL ENGINEER.**

Light SpectroPhotoColorMeter Analysis Report

Relative Spectral Energy Distribution:



Main Parameters:

| | | | | | | | |
|---------------------|----------|----------|---------|----------------------|--------------------------------------|------------|-----------|
| CCT | 3000K | MainWave | 584.7nm | Luminous | 143.0lm | Efficiency | 53.71lm/w |
| Current | 0.02256A | Voltage | 233.23V | Power | 2.662W | PF | 0.5059 |
| Average Color Index | 81.9 | | | Chromatic Coordinate | x=0.4598 y=0.4074/u'=0.2639 v=0.5261 | | |

Other Parameters:

| | | | | | |
|----------------|---|----------|---------|------|------|
| ColorPurity | 60.3% | PeakWave | 606.9nm | Peak | |
| HalfWaveLength | 120.1nm | RedRatio | 25.3% | HZ | 50Hz |
| CRI: | R1 =80 R2 =89 R3 =97 R4 =81 R5 =80 R6 =87 R7 =83 R8 =59 R9 =9 R10=75 R11=81 R12=74 R13=82 R14=98 R15=73 | | | | |

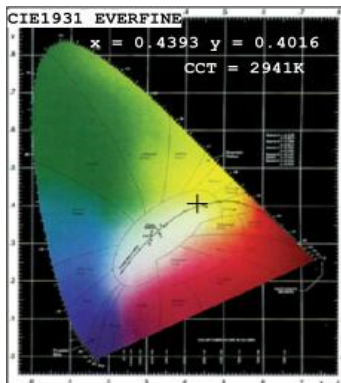
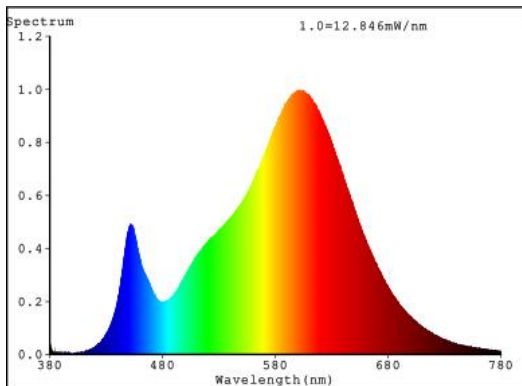
Product Information:

| | | | |
|-------------|-----------------------|----------|--------------|
| ITEM | LED OUTDOOR WALL LAMP | Model | MB10073002BK |
| WATT | 2W | CCT | 3000K |
| Temperature | 25.3 C | Humidity | 65.0% |
| Origin | MADE IN P.R.C. | Time | 2016-12-25 |

Notes: **THIS REPORT IS THE TEST DATA FROM THE MACHINE OF MANUFACTURER, THE RESULT TESTED BY PROFESSIONAL ENGINEER.**

Light SpectroPhotoColorMeter Analysis Report

Relative Spectral Energy Distribution:



Main Parameters:

| | | | | | | | |
|---------------------|----------|----------|---------|----------------------|-------------------------------------|------------|-----------|
| CCT | 3000K | MainWave | 583.5nm | Luminous | 607.2lm | Efficiency | 92.20lm/w |
| Current | 0.05455A | Voltage | 230.26V | Power | 6.585W | PF | 0.5243 |
| Average Color Index | 81.2 | | | Chromatic Coordinate | x=0.4393 y=0.4016/u=0.2532 v=0.5208 | | |

Other Parameters:

| | | | | | |
|----------------|---|----------|---------|------|------|
| ColorPurity | 52.4% | PeakWave | 602.0nm | Peak | |
| HalfWaveLength | 117.7nm | RedRatio | 23.2% | HZ | 50Hz |
| CRI: | R1 =80 R2 =91 R3 =95 R4 =78 R5 =80 R6 =90 R7 =80 R8 =55 R9 =1 R10=81 R11=77 R12=73 R13=83 R14=98 R15=72 | | | | |

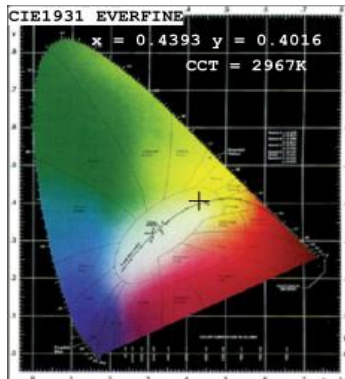
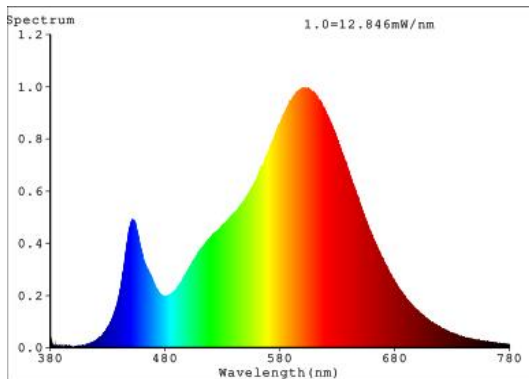
Product Information:

| | | | |
|-------------|-----------------------|----------|--------------|
| ITEM | LED OUTDOOR WALL LAMP | Model | MB10093006BK |
| WATT | 6W | CCT | 3000K |
| Temperature | 25.3 C | Humidity | 65.0% |
| Origin | MADE IN P.R.C. | Time | 2016-12-25 |

Notes: **THIS REPORT IS THE TEST DATA FROM THE MACHINE OF MANUFACTURER, THE RESULT TESTED BY PROFESSIONAL ENGINEER.**

Light SpectroPhotoColorMeter Analysis Report

Relative Spectral Energy Distribution:



Main Parameters:

| | | | | | | | |
|---------------------|----------|----------|---------|----------------------|-------------------------------------|------------|-----------|
| CCT | 3000K | MainWave | 583.5nm | Luminous | 607.2lm | Efficiency | 92.20lm/w |
| Current | 0.05455A | Voltage | 230.26V | Power | 6.585W | PF | 0.5243 |
| Average Color Index | 81.2 | | | Chromatic Coordinate | x=0.4393 y=0.4016/u=0.2532 v=0.5208 | | |

Other Parameters:

| | | | | | |
|----------------|---|----------|---------|------|------|
| ColorPurity | 52.4% | PeakWave | 602.0nm | Peak | |
| HalfWaveLength | 117.7nm | RedRatio | 23.2% | HZ | 50Hz |
| CRI: | R1 =80 R2 =91 R3 =95 R4 =78 R5 =80 R6 =90 R7 =80 R8 =55 R9 =1 R10=81 R11=77 R12=73 R13=83 R14=98 R15=72 | | | | |

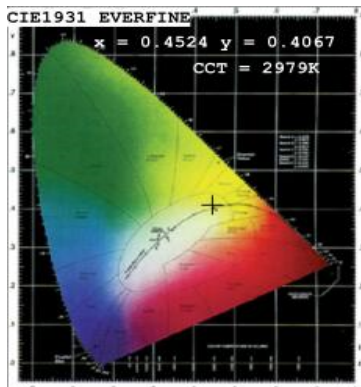
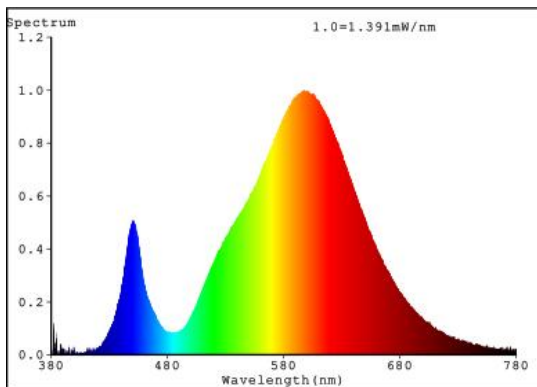
Product Information:

| | | | |
|-------------|-----------------------|----------|--------------|
| ITEM | LED OUTDOOR WALL LAMP | Model | MB10103006BK |
| WATT | 6W | CCT | 3000K |
| Temperature | 25.3 C | Humidity | 65.0% |
| Origin | MADE IN P.R.C. | Time | 2016-12-25 |

Notes: **THIS REPORT IS THE TEST DATA FROM THE MACHINE OF MANUFACTURER, THE RESULT TESTED BY PROFESSIONAL ENGINEER.**

Light SpectroPhotoColorMeter Analysis Report

Relative Spectral Energy Distribution:



Main Parameters:

| | | | | | | | |
|---------------------|----------|----------|---------|----------------------|-------------------------------------|------------|-----------|
| CCT | 3000K | MainWave | 584.1nm | Luminous | 64.14lm | Efficiency | 25.94lm/w |
| Current | 0.02050A | Voltage | 231.12V | Power | 2.472W | PF | 0.5218 |
| Average Color Index | 72.3 | | | Chromatic Coordinate | x=0.4524 y=0.4067/u=0.2594 v=0.5247 | | |

Other Parameters:

| | | | | | | | | | |
|----------------|---------|--------|----------|---------|--------|--------|--------|--------|--|
| ColorPurity | 57.9% | | PeakWave | 597.9nm | | Peak | | | |
| HalfWaveLength | 113.7nm | | RedRatio | 23.0% | | HZ | 50Hz | | |
| CRI: | R1 =69 | R2 =83 | R3 =94 | R4 =67 | R5 =67 | R6 =76 | R7 =78 | | |
| | R8 =44 | R9 =0 | R10=60 | R11=61 | R12=49 | R13=72 | R14=96 | R15=62 | |

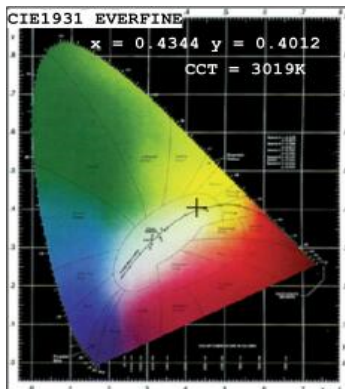
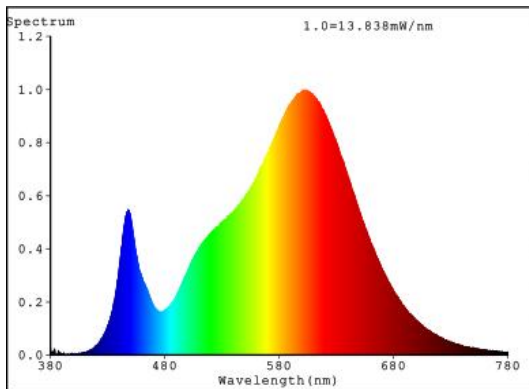
Product Information:

| | | | |
|-------------|-----------------------|----------|--------------|
| ITEM | LED OUTDOOR WALL LAMP | Model | MB10063002BK |
| WATT | 2W | CCT | 3000K |
| Temperature | 25.3 C | Humidity | 65.0% |
| Origin | MADE IN P.R.C. | Time | 2016-12-25 |

Notes: **THIS REPORT IS THE TEST DATA FROM THE MACHINE OF MANUFACTURER, THE RESULT TESTED BY PROFESSIONAL ENGINEER.**

Light SpectroPhotoColorMeter Analysis Report

Relative Spectral Energy Distribution:



Main Parameters:

| | | | | | | | |
|---------------------|----------|----------|---------|----------------------|---------------------------------------|------------|-----------|
| CCT | 3000K | MainWave | 583.0nm | Luminous | 668.2lm | Efficiency | 80.76lm/w |
| Current | 0.06521A | Voltage | 231.34V | Power | 8.274W | PF | 0.5485 |
| Average Color Index | 81.9 | | | Chromatic Coordinate | x=0.4344 y=0.4012/u'=0.2502 v'=0.5199 | | |

Other Parameters:

| | | | | | |
|----------------|---|----------|---------|------|------|
| ColorPurity | 50.8% | PeakWave | 602.0nm | Peak | |
| HalfWaveLength | 123.8nm | RedRatio | 22.7% | HZ | 50Hz |
| CRI: | R1 =80 R2 =90 R3 =96 R4 =81 R5 =81 R6 =88 R7 =82 R8 =57 R9 =2 R10=78 R11=80 R12=73 R13=82 R14=99 R15=72 | | | | |

Product Information:

| | | | |
|-------------|-----------------------|----------|--------------|
| ITEM | LED OUTDOOR WALL LAMP | Model | MB10113006BK |
| WATT | 6W | CCT | 3000K |
| Temperature | 25.3 C | Humidity | 65.0% |
| Origin | MADE IN P.R.C. | Time | 2016-12-25 |

Notes: THIS REPORT IS THE TEST DATA FROM THE MACHINE OF MANUFACTURER, THE RESULT TESTED BY PROFESSIONAL ENGINEER.