

LED Dusk To Dawn Area Light



71330



71332



- ▶ LED Area Light for Safety/Security Lighting
- ▶ Porches, Garages, Barns, Parking Areas, Area Lighting
- ▶ Cree CXA LED
- ▶ Voltage: 120/208/240/277V
- ▶ Includes Morris #39052 Surge Protection 110-277V Twist-Lock Photocell
- ▶ Corrosion Resistant Die Cast Aluminum Housing
- ▶ IP65 (NEMA 4X) Dust & Water Tight
- ▶ Integral Cooling Fin Releases the Heat Efficiently to Maintain the Life of LED's & LED Driver
- ▶ Stainless Steel Hardware
- ▶ Superior Powder Coat Finish
- ▶ Anti-Glare Polycarbonate Frosted Lens
- ▶ Polycarbonate Lens resists yellowing
- ▶ Color Temperature: 5000K Cool White
- ▶ CRI: 72+
- ▶ Low Tj for Low Lumen Depreciation, Longer Life
- ▶ Starting Temperature: -22° F
- ▶ Operation Temperature: -22°F to 104°F
- ▶ 50,000+ Hour LED Life Expectancy
- ▶ Input Current: 0.36 - .16 Amps
- ▶ Input Power: 30-40 Watts (see chart)
- ▶ cULus listed for Wet Locations
- ▶ 71332 DLC Certified
- ▶ * 71332 Includes Optional Use 21" 90° Mounting Bracket
- ▶ 5 Year Warranty

LED
Lighting

CC2

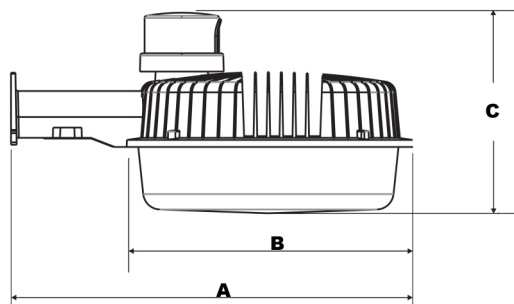
Premium 110-277V Surge Protected Locking Photocell Included with Each LED Dusk To Dawn Light



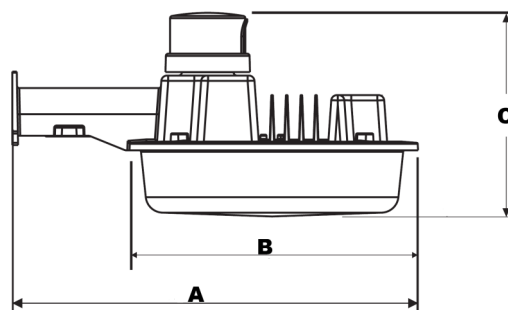
- ▶ 5-20 Second Time Delay
- ▶ UV Stabilized Polycarbonate Cover
- ▶ High Impact Polybutylene Terephthalate Base
- ▶ IP65 Protection While Installed
- ▶ 1/2" Light Sensor
- ▶ Temp Rate: -40°F – +158°F
- ▶ Relative Humidity: 96%
- ▶ Power Consumption: 1.5 Watts Average
- ▶ Electrical Life: 5000 Cycles

| Voltage | Surge Protection | Tungsten Rating | Ballast Rating |
|-----------|---------------------------------------|-----------------|----------------|
| 110 - 277 | 235 Joules 5,000A 820V Clamping | 1000W | 1800VA |

Reorder Part#: 39052



71330



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| Cat. No. | Watts | Delivered Lumens | Metal Halide Equivalent | Dimensions | | | Case Qty |
|----------|-------|------------------|-------------------------|------------|-----|------|----------|
| | | | | A | B | C | |
| 71330 | 42.2 | 2167 | 100 | 13.9" | 10" | 6.9" | 6 |
| 71332* | 40 | 2944 | 150 | 13.9" | 10" | 6.9" | 6 |

*Mounting Arm Included



DISCLAIMER: This test report was produced in accordance with IES LM-79 photometric testing protocol for luminaires, using a single representative test fixture.
Actual production units may vary from the values reported here by up to $\pm 10\%$.

IES ROAD REPORT

PHOTOMETRIC FILENAME : QC-1349 MVL702 LED1PCS 830MA 20120530_.IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-79-08
[TEST] QC-1349 (TEMPERATURE REPORT NO :QC-018572)
[TESTLAB]
[TESTDATE] 2012-05-30
[ISSUEDATE] 2012-05-30 15:40:22
[LAMPPOSITION] 0,0
[OTHER] EVERFINE GO-R3000(2M3D) SYSTEM
[MANUFAC] MORRIS
[LUMCAT] 71330
[LUMINAIRE] LED1PCS
[LAMP] CREE CXA2011 5000K
[BALLAST] LP1040-48-C0830
[LUMEN PER WATT] 51.34lm/W

CHARACTERISTICS

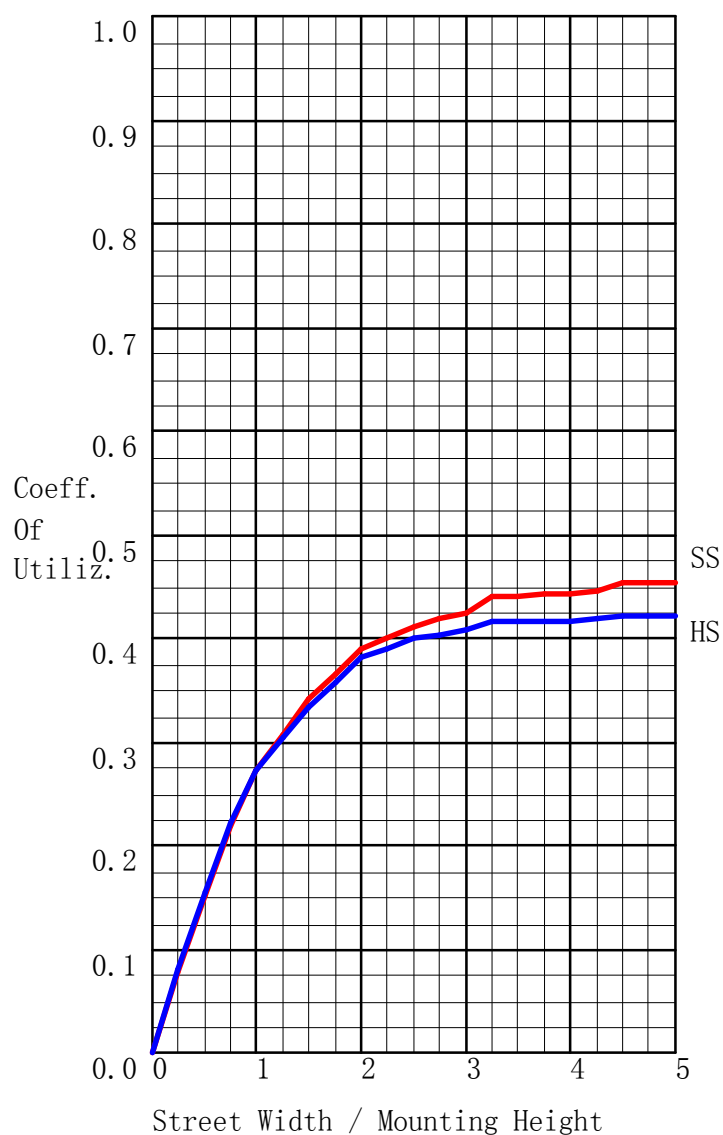
| | |
|---|---------------------------|
| IES Classification | Type IV |
| Longitudinal Classification | Very Short |
| Cutoff Classification (deprecated) | Cutoff |
| Lumens Per Lamp | 2356 (1 lamp) |
| Total Lamp Lumens | 2356 |
| Luminaire Lumens | 2167 |
| Total Luminaire Efficiency | 92 % |
| Downward Total Efficiency | 90 % |
| Upward Waste Light Ratio | 0.03 |
| Maximum Candela | 580.03 |
| Maximum Candela Angle | 340H 70V |
| Maximum Candela At 90 Degrees Vertical | 22.12 (0.9% Lamp Lumens) |
| Maximum Candela from 80 to <90 Degrees Vertical | 200.91 (8.5% Lamp Lumens) |
| Total Luminaire Watts | 42.2 |
| Ballast Factor | 0.98 |



IES ROAD REPORT**PHOTOMETRIC FILENAME : QC-1349 MVL702 LED1PCS 830MA 20120530_.IES****LUMINAIRE CLASSIFICATION SYSTEM (LCS)**

| | Lumens | % Lamp | % Luminaire |
|-------------------------------|----------|--------|-------------|
| FL - Front-Low (0-30) | 142.6 | 6.1 | 6.6 |
| FM - Front-Medium (30-60) | 530.4 | 22.5 | 24.5 |
| FH - Front-High (60-80) | 387.0 | 16.4 | 17.9 |
| FVH - Front-Very High (80-90) | 43.6 | 1.9 | 2.0 |
| BL - Back-Low (0-30) | 157.7 | 6.7 | 7.3 |
| BM - Back-Medium (30-60) | 508.7 | 21.6 | 23.5 |
| BH - Back-High (60-80) | 321.8 | 13.7 | 14.8 |
| BVH - Back-Very High (80-90) | 20.0 | 0.8 | 0.9 |
| UL - Uplight-Low (90-100) | 6.8 | 0.3 | 0.3 |
| UH - Uplight-High (100-180) | 49.0 | 2.1 | 2.3 |
| Total | 2167.6 | 92.1 | 100.0 |
| BUG Rating | B1-U2-G1 | | |

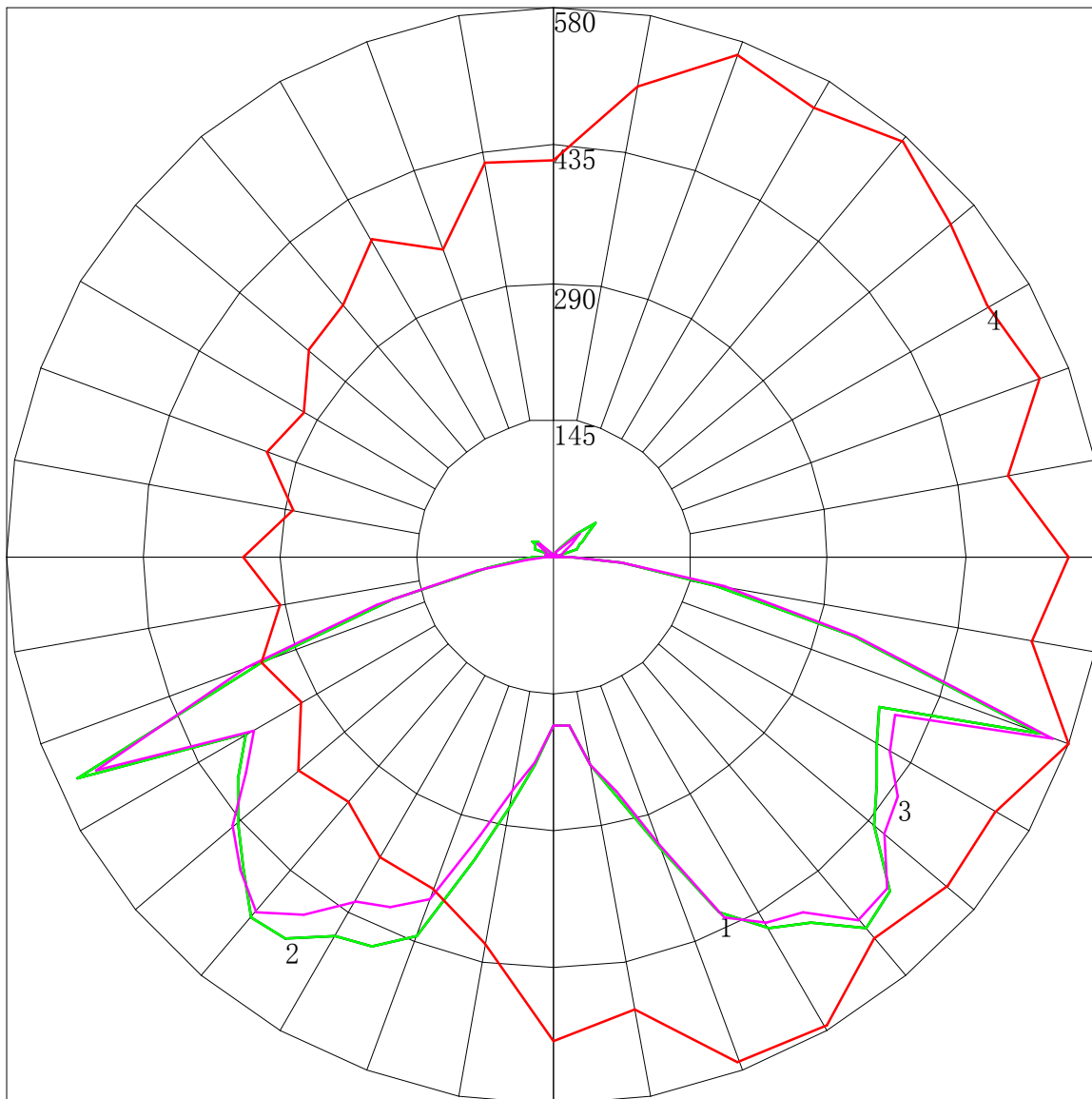
COEFFICIENTS OF UTILIZATION



FLUX DISTRIBUTION

| | Lumens | Percent Of Lamp |
|----------------------|--------|--------------------|
| Downward Street Side | 1103.6 | 46.8 |
| Downward House Side | 1008.1 | 42.8 |
| Downward Total | 2111.7 | 89.6 |
| Upward Street Side | 33.2 | 1.4 |
| Upward House Side | 22.6 | 1.0 |
| Upward Total | 55.8 | 2.4 |
| Total Flux | 2167.5 | 92.0 |

POLAR GRAPH



Maximum Candela = 580.03 Located At Horizontal Angle = 340, Vertical Angle = 70

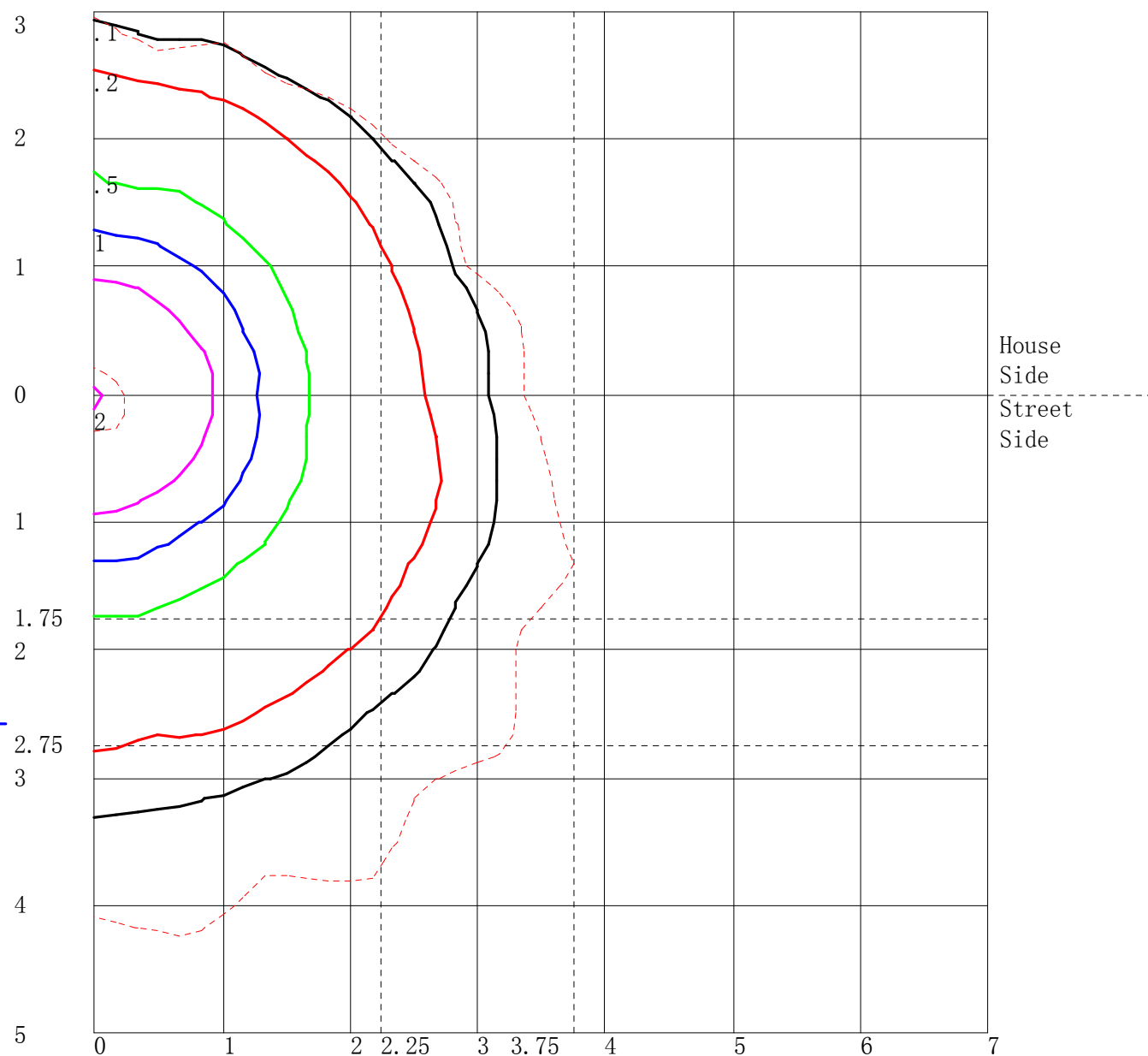
1 - Vertical Plane Through Horizontal Angles (0 - 180)

2 - Vertical Plane Through Horizontal Angles (180 - 0)

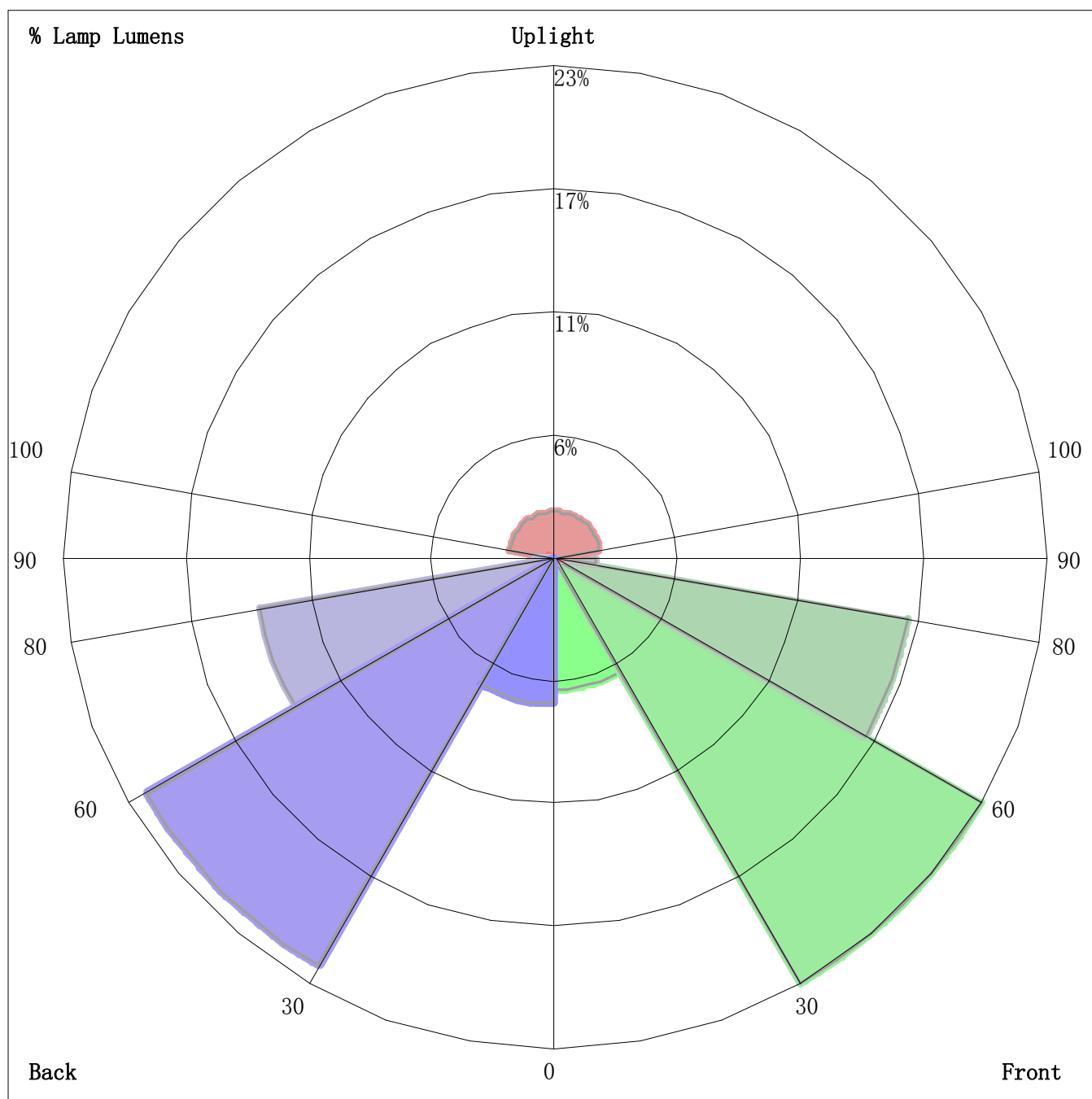
3 - Vertical Plane Through Horizontal Angles (45 - 225)

4 - Horizontal Cone Through Vertical Angle (70) (Through Max. Cd.)

ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE



LUMINAIRE CLASSIFICATION SYSTEM (LCS) GRAPH



Percent Lamp Lumens:

Front: Low=6.1%, Medium=22.5%, High=16.4%, Very High=1.9%

Back: Low=6.7%, Medium=21.6%, High=13.7%, Very High=0.8%

Uplight: Low=0.3%, High=2.1%

BUG Rating : B1-U2-G1