

Photometric Report

MAR-90356995 Exterior Linear 1210 QUAD Graze Asymmetric – Only White

MARTIN PROFESSIONAL R&D OPTICAL LABORATORY

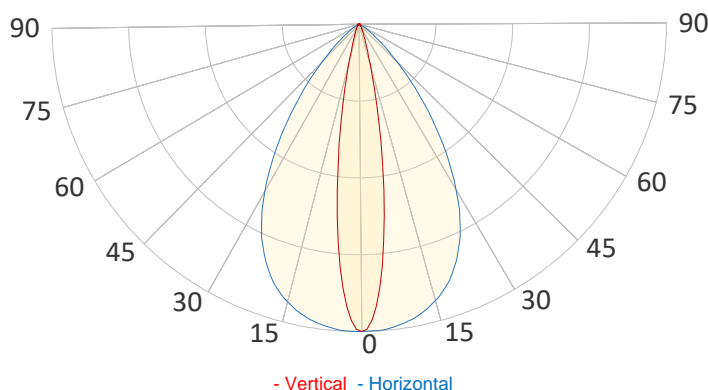
GENERAL SPECIFICATIONS

| | |
|-----------------------|------------|
| Total Fixture Output: | 2822 lm |
| Light Engine Output: | 4268 lm |
| Efficacy: | 34 lm/W |
| Lens Option: | Asymmetric |
| Beam Angle (50%): | 17x67° |
| Field Angle (10%): | 33x98° |
| Cut-off Angle (3%): | 54x117° |
| CRI: | 73+ |
| CQS: | 87+ |
| TM-30 Rf: | 83+ |
| TM-30 Rg: | 105+ |
| TLCI: | 75+ |
| Color Temperature: | Variable |



SAMPLE MEASUREMENT

POLAR PLOT

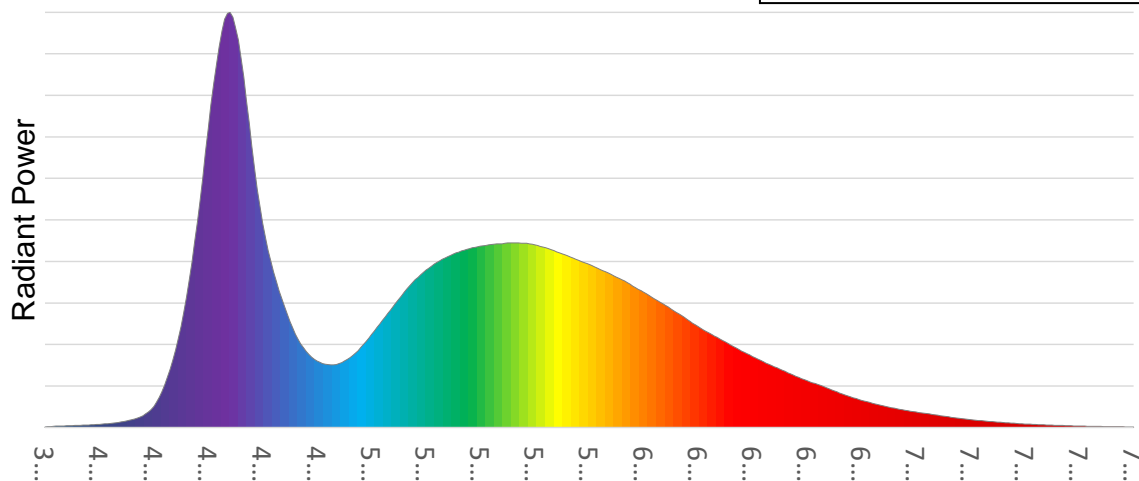


| | |
|------------------|--------------|
| Catalog Number: | MAR-90356995 |
| Measured Output: | 2460 lm |
| Measured Peak: | 5886 cd |
| Consumed Power: | 60.0 W |
| Efficacy: | 41.0 lm/W |

| | |
|---------------------|---------|
| Beam Angle (50%): | 17x67° |
| Field Angle (10%): | 33x98° |
| Cut-off Angle (3%): | 54x117° |

| | |
|------------------------|--------------|
| Measurement Condition: | |
| Ambient Temperature: | 25° +/- 5° C |
| AC Supply: | 230V/50Hz |
| Fan Mode: | No Fan |
| Fixture Warm-up Time: | 30 minutes |

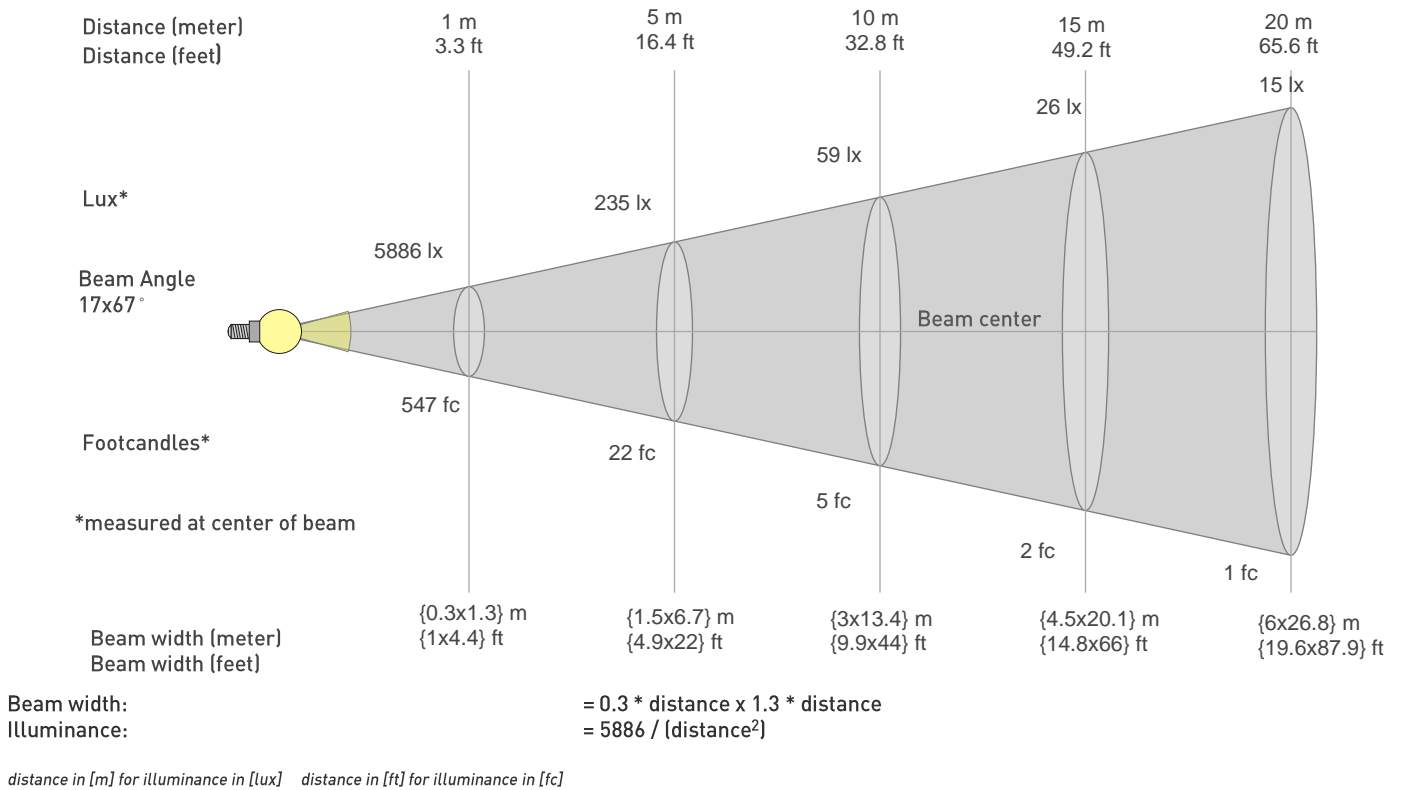
SPECTRAL DISTRIBUTION



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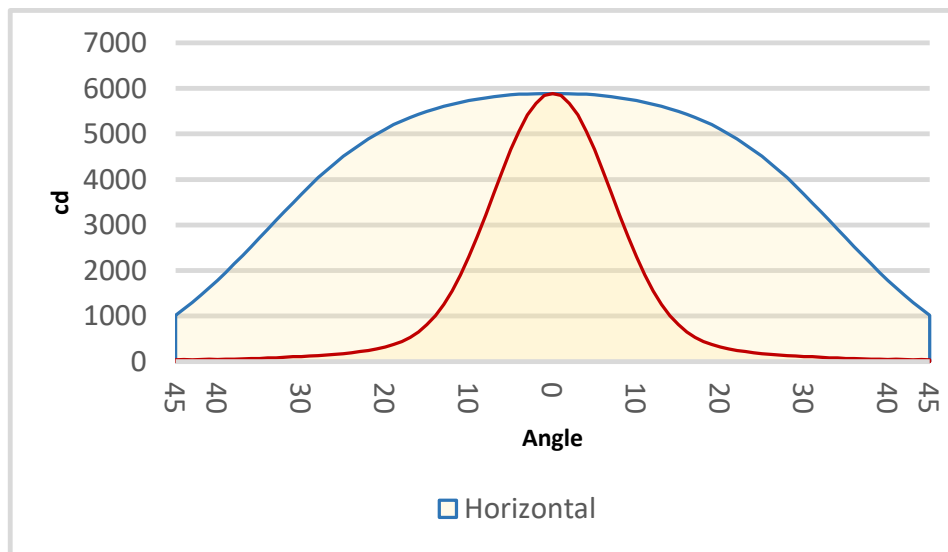
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BEAM DETAILS



BEAM ILLUMINANCE FROM 1-20M

| 1m | 2m | 3m | 4m | 5m | 6m | 7m | 8m | 9m | 10m | 11m | 12m | 13m | 14m | 15m | 16m | 17m | 18m | 19m | 20m |
|---------|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 3.3ft | 6.6ft | 9.8ft | 13.1ft | 16.4ft | 19.7ft | 23ft | 26.2ft | 29.5ft | 32.8ft | 36.1ft | 39.4ft | 42.7ft | 45.9ft | 49.2ft | 52.5ft | 55.8ft | 59.1ft | 62.3ft | 65.6ft |
| 5886lx | 1471lx | 654lx | 368lx | 235lx | 163lx | 120lx | 92lx | 73lx | 59lx | 49lx | 41lx | 35lx | 30lx | 26lx | 23lx | 20lx | 18lx | 16lx | 15lx |
| 546.8fc | 136.7fc | 60.8fc | 34.2fc | 21.9fc | 15.2fc | 11.2fc | 8.5fc | 6.8fc | 5.5fc | 4.5fc | 3.8fc | 3.2fc | 2.8fc | 2.4fc | 2.1fc | 1.9fc | 1.7fc | 1.5fc | 1.4fc |



| BEAM ANGLE 50% | FIELD ANGLE 10% | CUTOFF ANGLE 3% |
|----------------|-----------------|-----------------|
| 17x67° | 33x98° | 54x117° |