

Photometric Report

MAR-90356990 Exterior Linear 310 QUAD Graze Narrow – Only Green

MARTIN PROFESSIONAL R&D OPTICAL LABORATORY

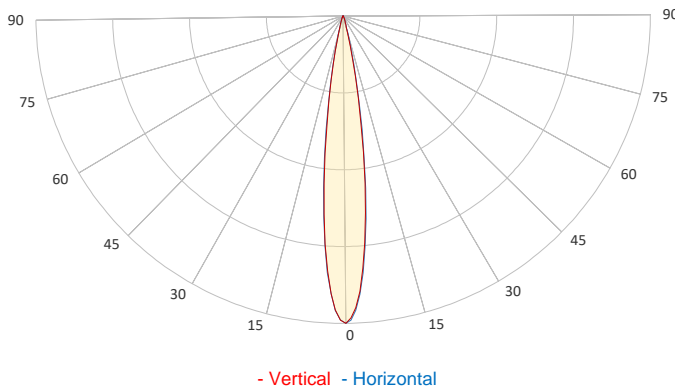
GENERAL SPECIFICATIONS

Total Fixture Output:	706 lm
Light Engine Output:	1067 lm
Efficacy:	34 lm/W
Lens Option:	Narrow
Beam Angle (50%):	15 °
Field Angle (10%):	27 °
Cut-off Angle (3%):	36 °
CRI:	73+
Color Temperature:	Variable



SAMPLE MEASUREMENT

POLAR PLOT

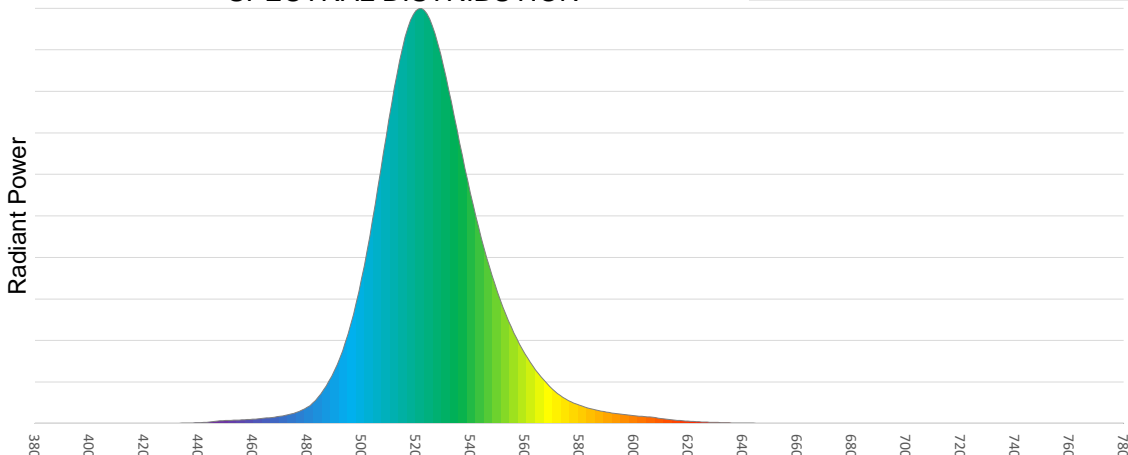


Catalog Number:	MAR-90356990
Measured Output:	435 lm
Measured Peak:	4771 cd
Consumed Power:	16.1 W
Efficacy:	28.1 lm/W

Beam Angle (50%):	15.2 °
Field Angle (10%):	26.8 °
Cut-off Angle (3%):	36.2 °

Measurement Condition:	
Ambient Temperature:	25 ° +/- 5 ° C
AC Supply:	230V/50Hz
Fan Mode:	No Fan
Fixture Warm-up Time:	60 minutes

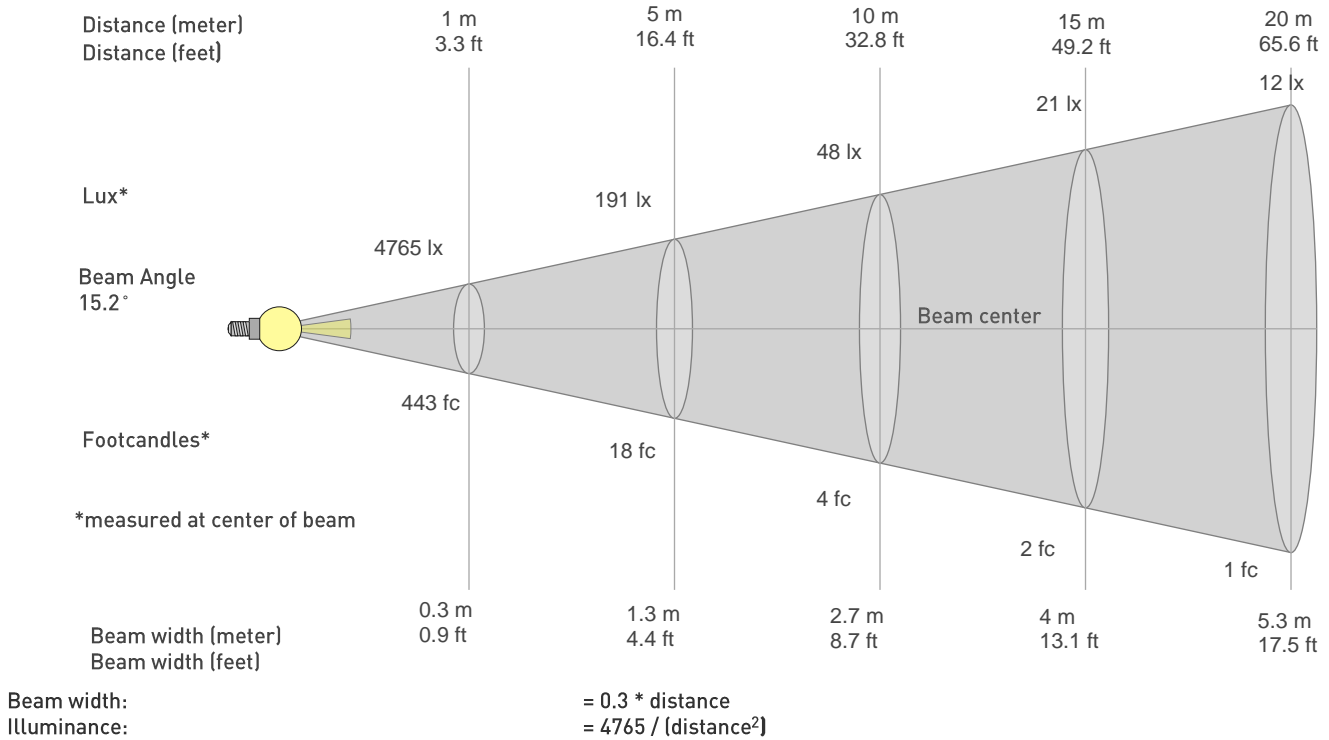
SPECTRAL DISTRIBUTION



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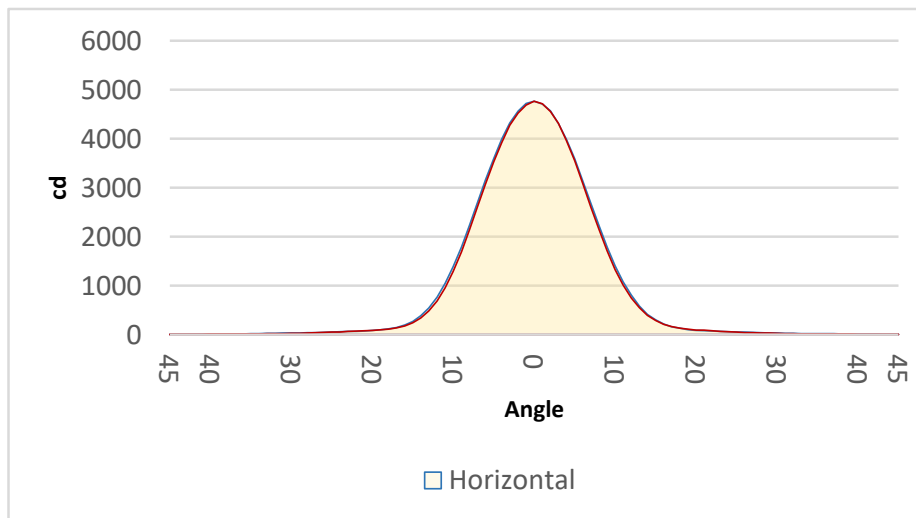
BEAM DETAILS



distance in [m] for illuminance in [lux] distance in [ft] for illuminance in [fc]

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
4765lx	1191lx	529lx	298lx	191lx	132lx	97lx	74lx	59lx	48lx	39lx	33lx	28lx	24lx	21lx	19lx	16lx	15lx	13lx	12lx
442.7fc	110.7fc	49.2fc	27.7fc	17.7fc	12.3fc	9fc	6.9fc	5.5fc	4.4fc	3.7fc	3.1fc	2.6fc	2.3fc	2fc	1.7fc	1.5fc	1.4fc	1.2fc	1.1fc



BEAM ANGLE 50%	FIELD ANGLE 10%	CUTOFF ANGLE 3%
15.2°	26.8°	36.2°