

# Photometric Report

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

MARTIN PROFESSIONAL R&D OPTICAL LABORATORY

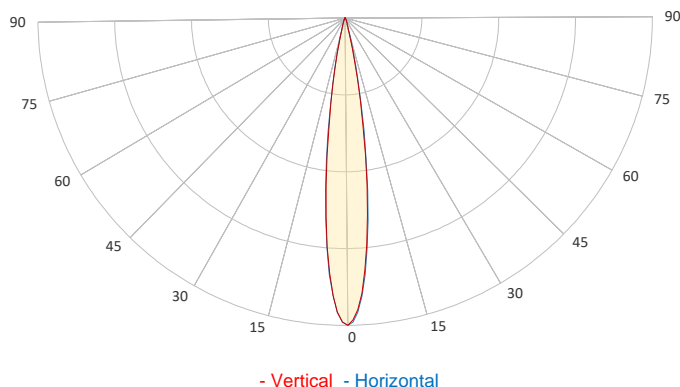
## GENERAL SPECIFICATIONS

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

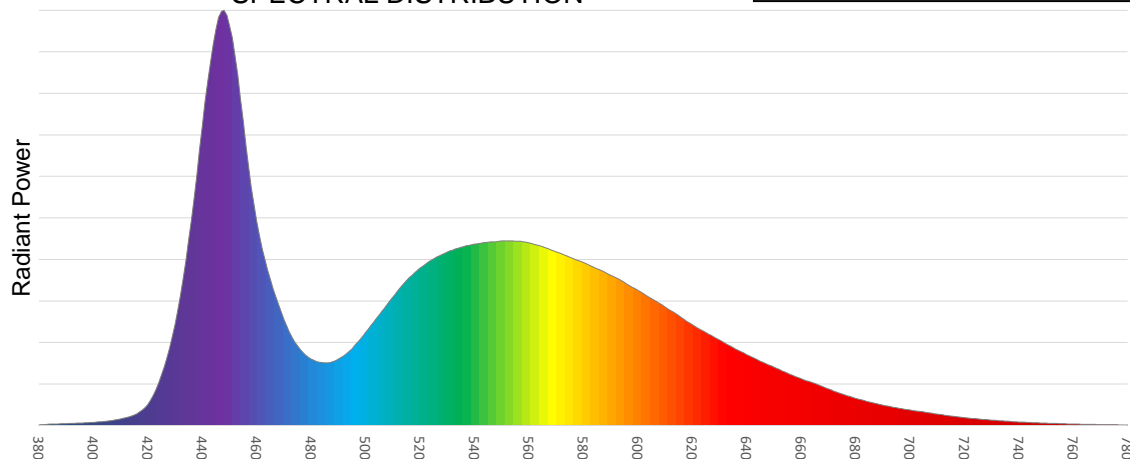


Catalog Number:	MAR-90356990
Measured Output:	615 lm
Measured Peak:	6746 cd
Consumed Power:	15.0 W
Efficacy:	44.6 lm/W

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

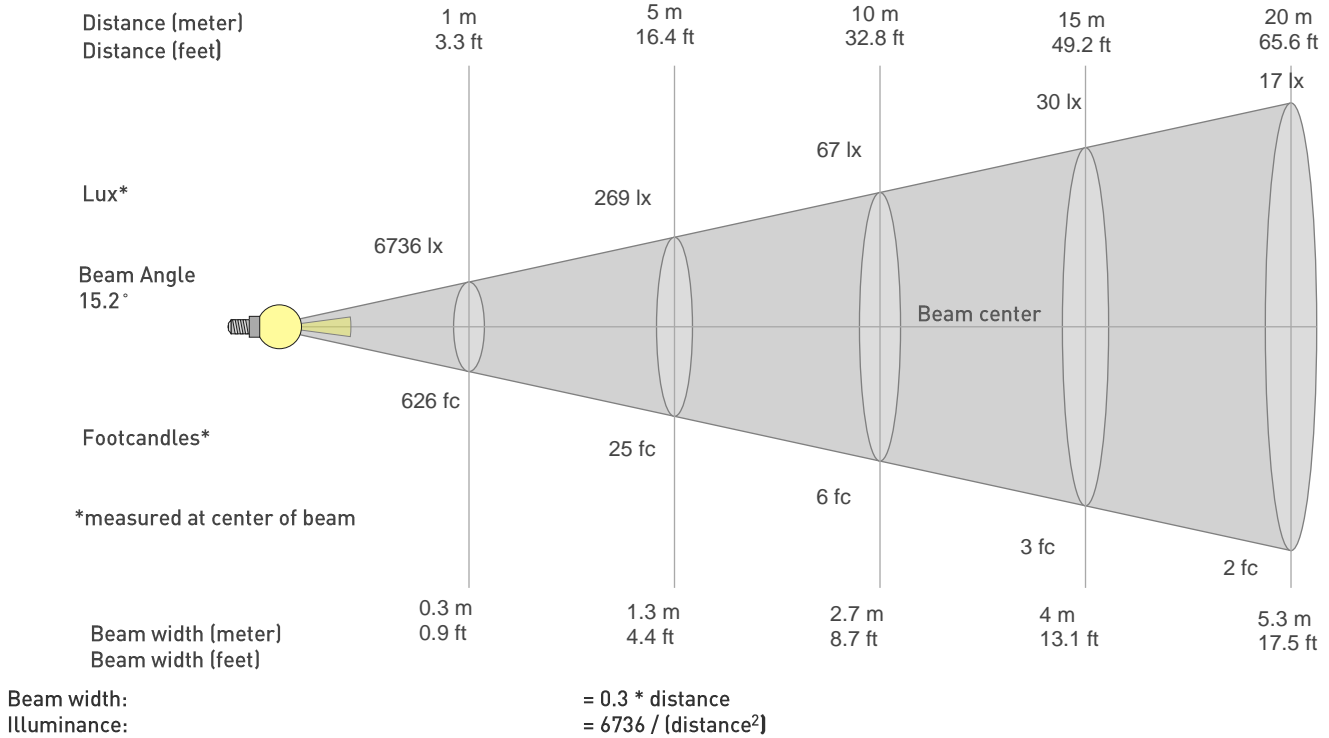
SPECTRAL DISTRIBUTION



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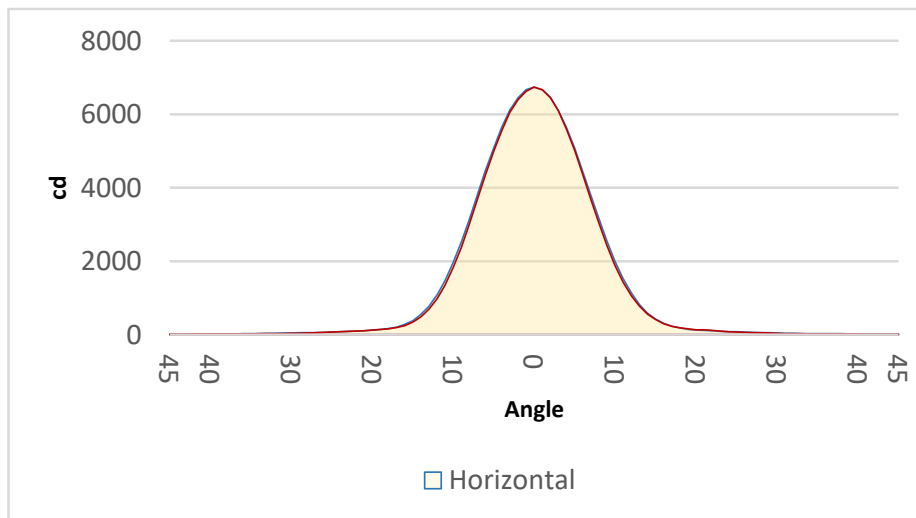
## BEAM DETAILS



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
6736lx	1684lx	748lx	421lx	269lx	187lx	137lx	105lx	83lx	67lx	56lx	47lx	40lx	34lx	30lx	26lx	23lx	21lx	19lx	17lx
625.8fc	156.5fc	69.5fc	39.1fc	25fc	17.4fc	12.8fc	9.8fc	7.7fc	6.3fc	5.2fc	4.3fc	3.7fc	3.2fc	2.8fc	2.4fc	2.2fc	1.9fc	1.7fc	1.6fc



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