

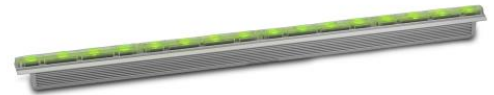
# Photometric Report

MAR-90356993 Exterior Linear 1210 QUAD Graze Narrow – Only Red

MARTIN PROFESSIONAL R&D OPTICAL LABORATORY

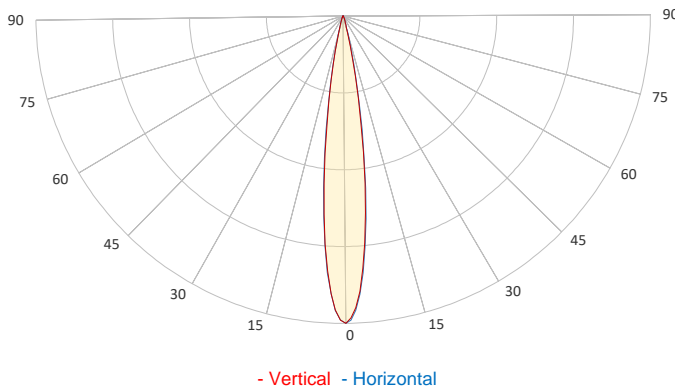
## GENERAL SPECIFICATIONS

Total Fixture Output:	2822 lm
Light Engine Output:	4268 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

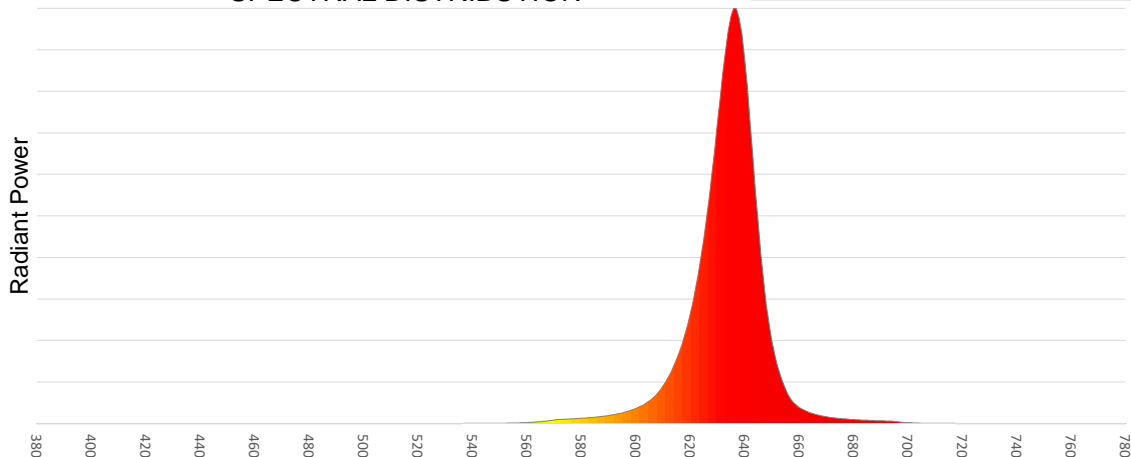


Catalog Number:	MAR-90356993
Measured Output:	696 lm
Measured Peak:	7634 cd
Consumed Power:	48.1 W
Efficacy:	16.5 lm/W

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

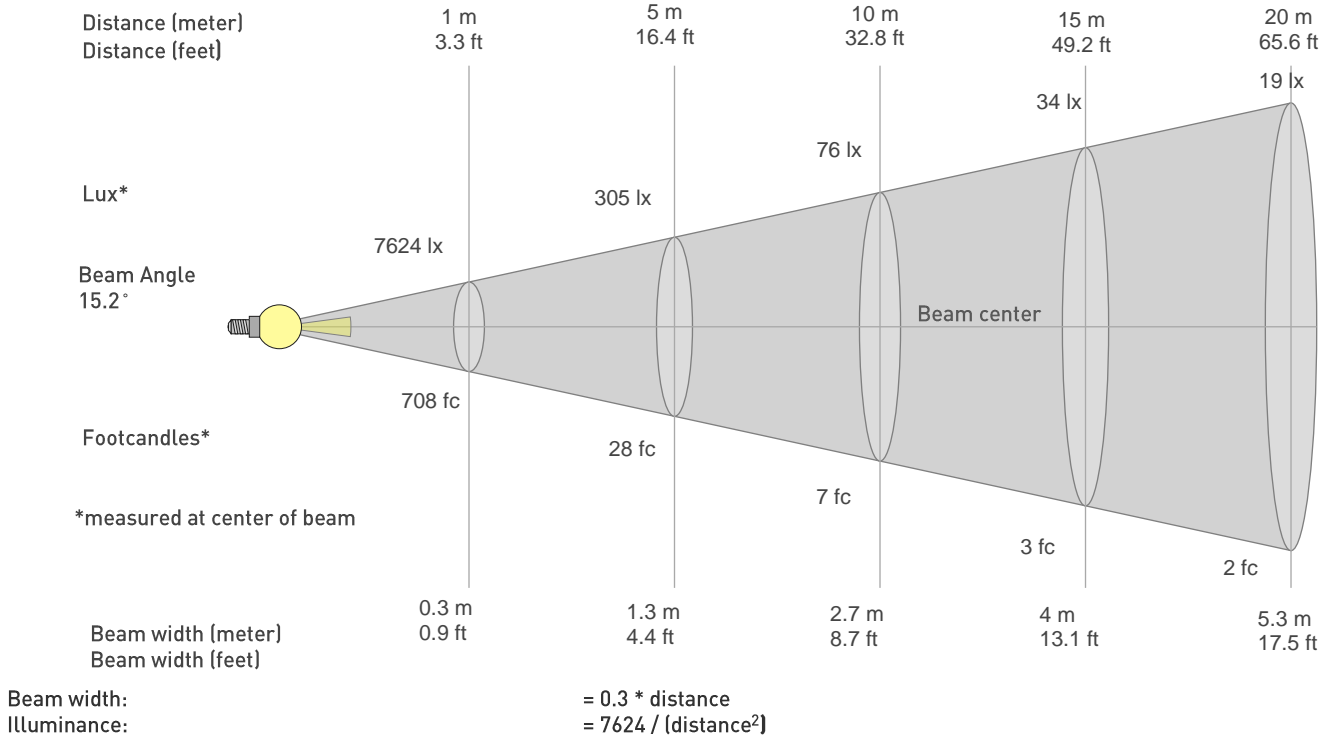
SPECTRAL DISTRIBUTION



# Photometric Report

MAR-90356993 Exterior Linear 1210 QUAD Graze Narrow – Only Red

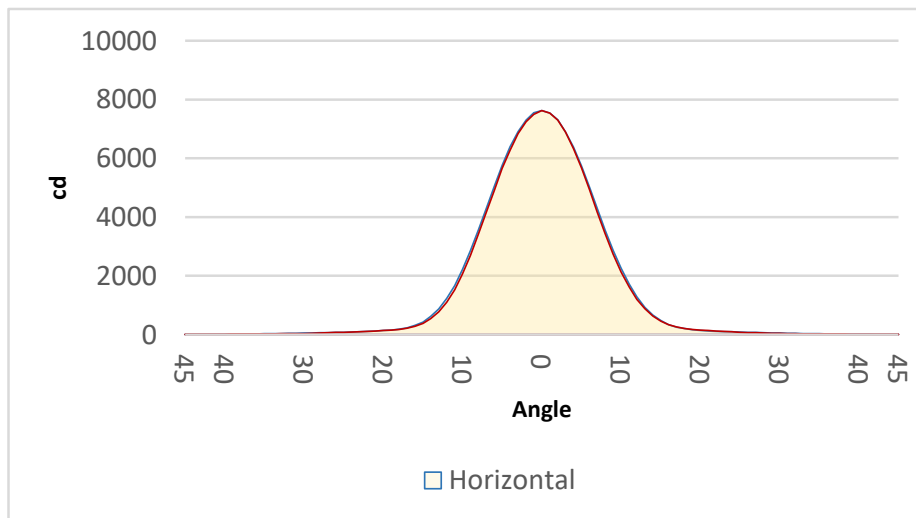
## BEAM DETAILS



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
7624lx	1906lx	847lx	476lx	305lx	212lx	156lx	119lx	94lx	76lx	63lx	53lx	45lx	39lx	34lx	30lx	26lx	24lx	21lx	19lx
708.3fc	177.1fc	78.7fc	44.3fc	28.3fc	19.7fc	14.5fc	11.1fc	8.7fc	7.1fc	5.9fc	4.9fc	4.2fc	3.6fc	3.1fc	2.8fc	2.5fc	2.2fc	2fc	1.8fc



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