

Photometric Report

MAR-90356992 Exterior Linear 310 QUAD Graze Asymmetric – Only Green

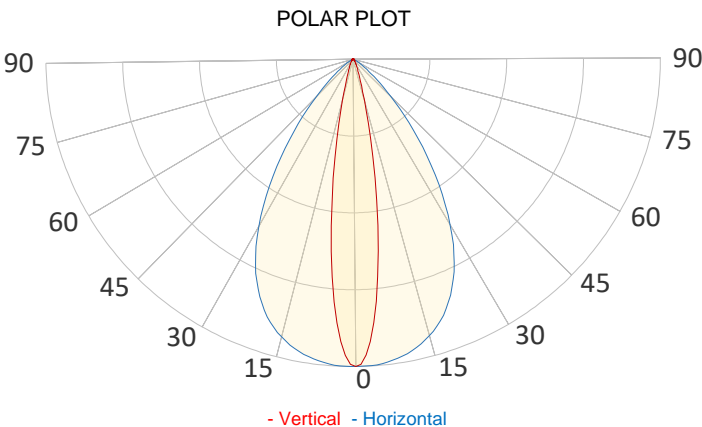
MARTIN PROFESSIONAL R&D OPTICAL LABORATORY

GENERAL SPECIFICATIONS

Total Fixture Output:	706 lm
Light Engine Output:	1067 lm
Efficacy:	34 lm/W
Lens Option:	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

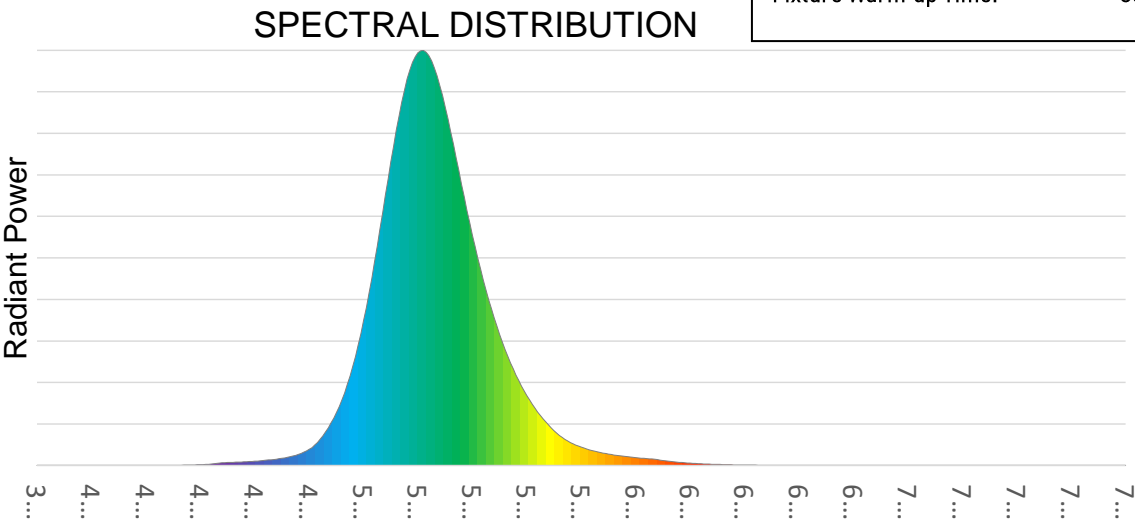


SAMPLE MEASUREMENT



Catalog Number:	MAR-90356992
Measured Output:	435 lm
Measured Peak:	1041 cd
Consumed Power:	16.0 W
Efficacy:	27.2 lm/W
Beam Angle (50%):	17x67°
Field Angle (10%):	33x98°
Cut-off Angle (3%):	54x117°

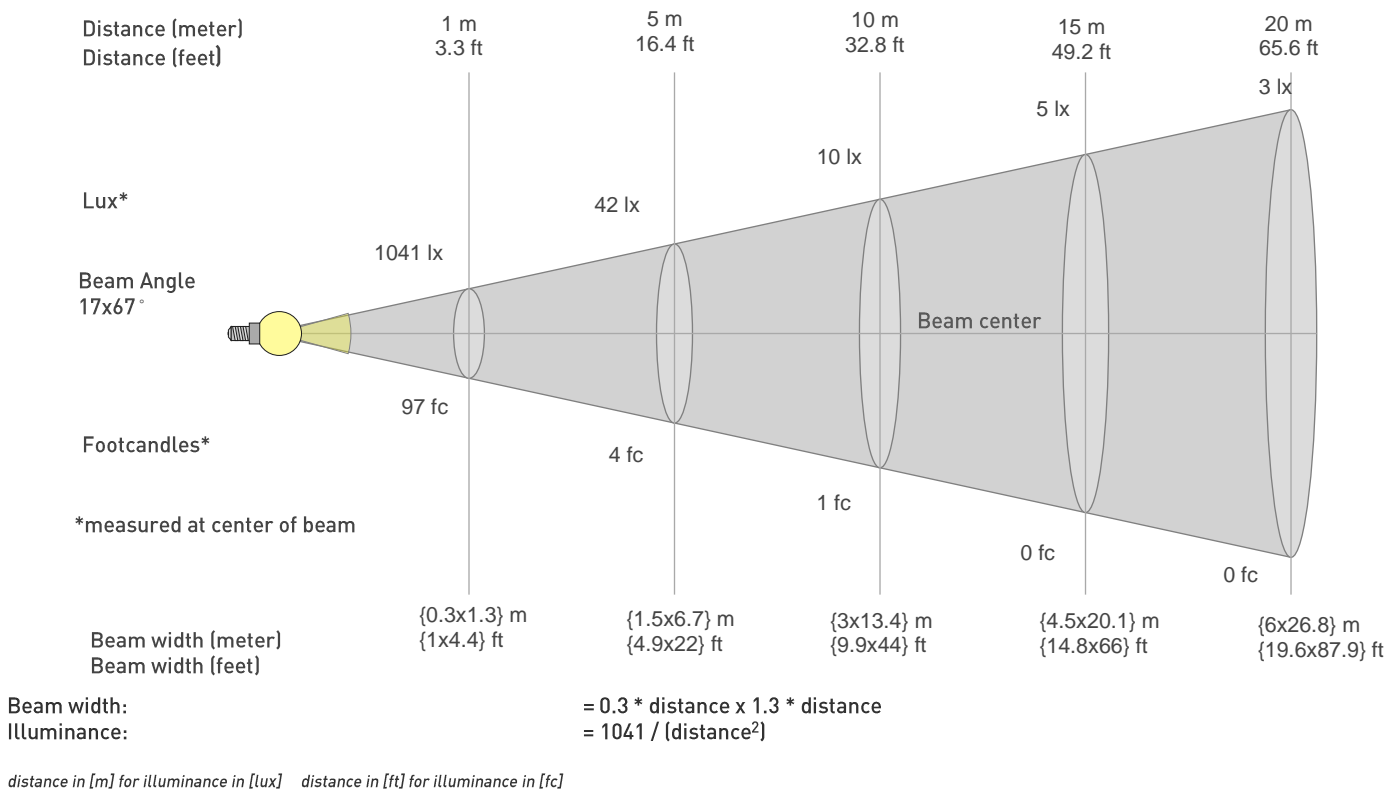
Measurement Condition:	
Ambient Temperature:	25° +/- 5° C
AC Supply:	230V/50Hz
Fan Mode:	No Fan
Fixture Warm-up Time:	30 minutes



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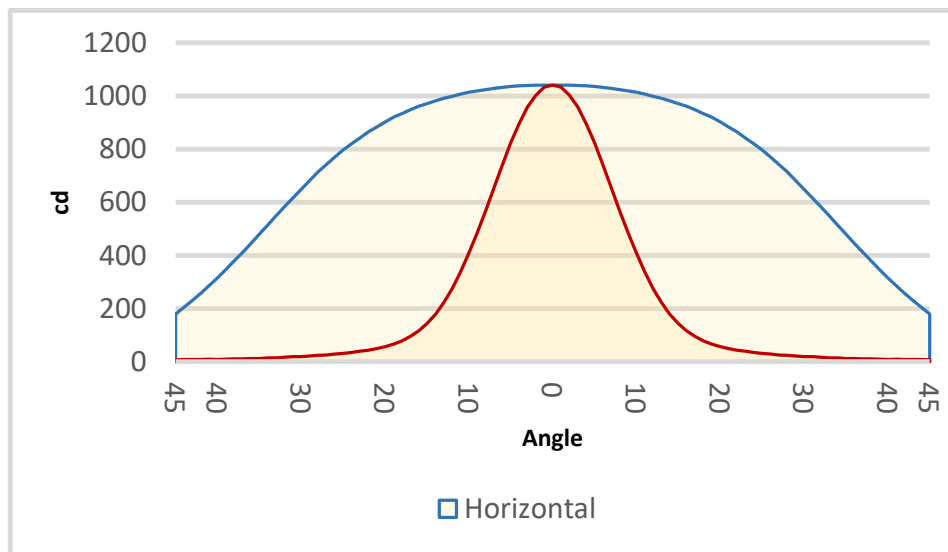
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BEAM DETAILS



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
1041lx	260lx	116lx	65lx	42lx	29lx	21lx	16lx	13lx	10lx	9lx	7lx	6lx	5lx	5lx	4lx	4lx	3lx	3lx	3lx
96.7fc	24.2fc	10.7fc	6fc	3.9fc	2.7fc	2fc	1.5fc	1.2fc	1fc	0.8fc	0.7fc	0.6fc	0.5fc	0.4fc	0.4fc	0.3fc	0.3fc	0.3fc	0.2fc



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