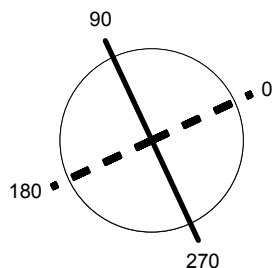


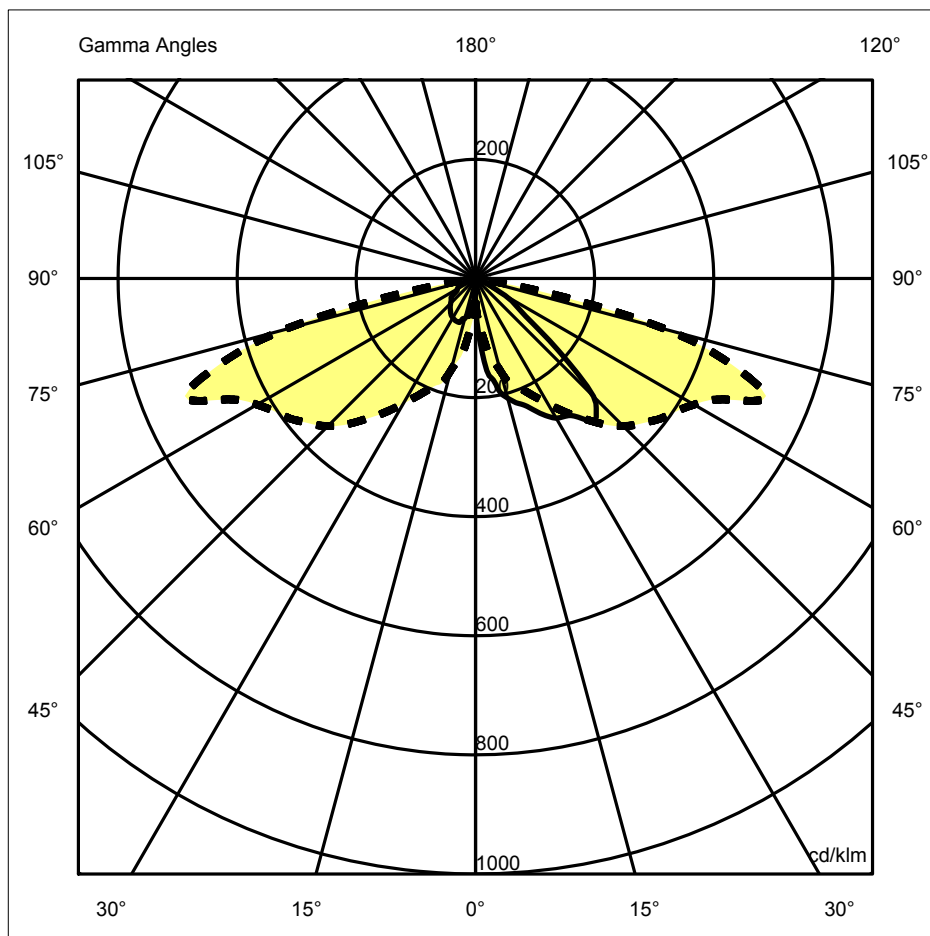
Luminaire		Measur.		Lamp	
Code	UMC-20001-T2-W40	Code	LIGMAN	Code	ITLC023340
Name	Macaron 1 post top luminaires	Name	Macaron 1 post top luminaires	Number	3
Line	lesna 2002 Absolute	Date	13-09-2017	Position	
Luminaire Flux	7263.49 lm	Luminaire Power	80.90 W	Efficacy	89.78 lm/W
Lamps Flux	7263.49 lm	Maximum value	1287.95 cd/klm	Position	C=15.00 G=67.50
				CG	Sym. on planes 270-90
Round Luminaire		Diam.	520 mm	Height	1 mm
Round Luminous Area		Diam.	520 mm	Height	0 mm
Horizontal Luminous Area	0.212372 m2			Emitting area on Plane 180°	0.000000 m2
Emitting area on Plane 0°	0.000000 m2			Emitting area on Plane 270°	0.000000 m2
Emitting area on Plane 90°	0.000000 m2			Glare area at 76°	0.051377 m2
Coordinate system	CG			Symmetry Type	Sym. on planes 270-90
Date	13-09-2017			Maximum Gamma Angle	90
Measurement Distance	0.00			Measurement Flux	7263.49 lm
Operator				Source voltage	
Temperature	25.00 °C			Source current	
Humidity	60.00 %			Photocell	
Notes					
Luminaire Lamps					
Line	Code	Name	Flux [lm]	Pow. [W]	Q.ty
	ITLC023340	3x3LED 4000K - 26.97 W	2421.16	26.97	3
C.I.E.	30 70 97 100 100	D DIN 5040	A10		
F UTE	1.00 I	B NBN	BZ 7 / 0.8 / BZ 6 / 2 / BZ 5		

Diam=520mm

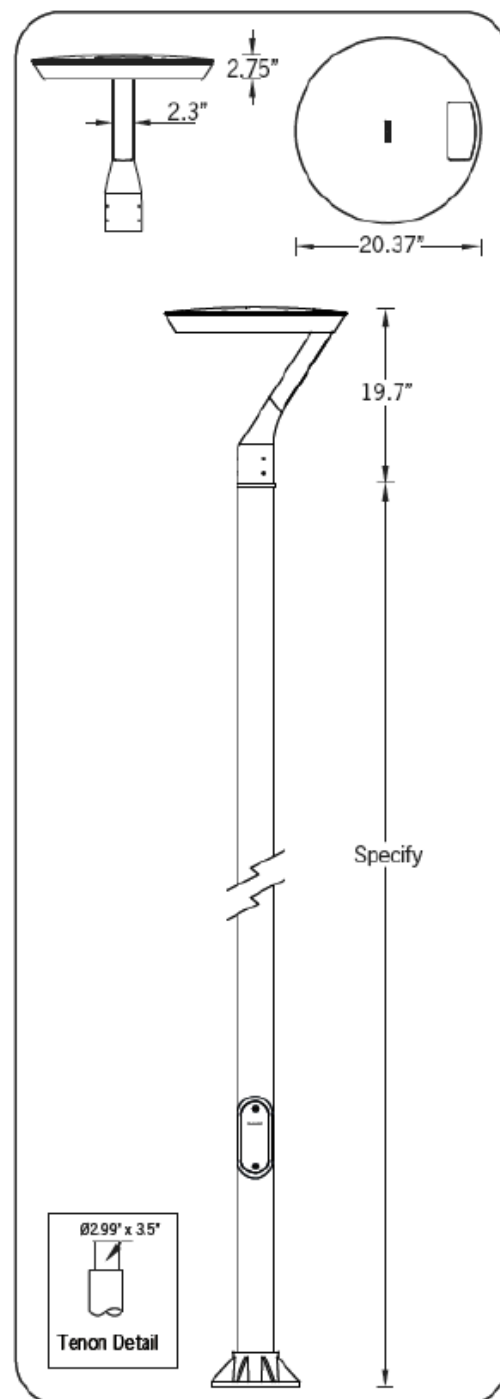


C Halfplanes
270.0 ——— 0.0
180.0 - - - - - 90.0

ULOR 0.00 %
DLOR 100.00 %
RN 0.00 %



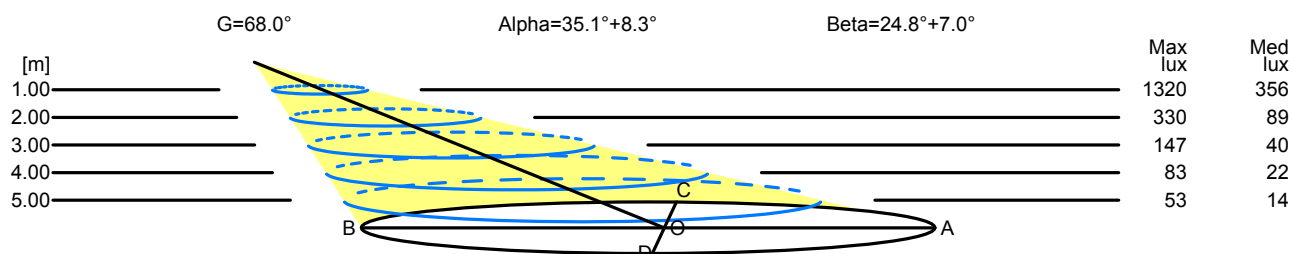
Luminaire		Measurem.		Lamp			
Code	UMC-20001-T2-W40	Code	LIGMAN	Code	ITLC023340		
Name	Macaron 1 post top luminaires	Name	Macaron 1 post top luminaires	Number	3		
Line	lesna 2002 Absolute	Date	13-09-2017	Position			
Luminaire Flux	7263.49 lm	Luminaire Power	80.90 W	Efficacy	89.78 lm/W	Efficiency	100.00%
Lamps Flux	7263.49 lm	Maximum value	1287.95 cd/klm	Position	C=15.00 G=67.50	CG Sym. on planes	270-90





Luminaire		Measurem.				Lamp	
Code	UMC-20001-T2-W40	Code	LIGMAN			Code	ITLC023340
Name	Macaron 1 post top luminares	Name	Macaron 1 post top luminares			Number	3
Line	lesna 2002 Absolute	Date	13-09-2017			Position	
Luminaire Flux	7263.49 lm	Luminaire Power	80.90 W	Efficacy	89.78 lm/W	Efficiency	100.00%
Lamps Flux	7263.49 lm	Maximum value	1287.95 cd/klm	Position	C=15.00 G=67.50	CG Sym. on planes	270-90

Width at 50.00 % of Max Intensity											
H[m]	1.00	2.00	3.00	4.00	5.00	H[m]	1.00	2.00	3.00	4.00	5.00
OA	1.63	3.27	4.90	6.54	8.17	OC	1.23	2.46	3.70	4.93	6.16
OB	1.83	3.66	5.49	7.31	9.14	OD	0.33	0.65	0.98	1.31	1.63

	Luminous Intensities [cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	284.90	574.10	1160.40	1545.80	2021.20	2547.20	2892.80	3507.20	2440.70	12.40
OB	284.90	574.10	1160.40	1545.80	2021.20	2547.20	2892.80	3507.20	2440.70	12.40
OC	284.90	885.60	1507.60	1799.60	2041.90	2034.20	646.90	197.40	52.00	6.60
OD	284.90	318.50	508.10	569.70	524.80	428.70	298.80	226.00	20.80	0.80

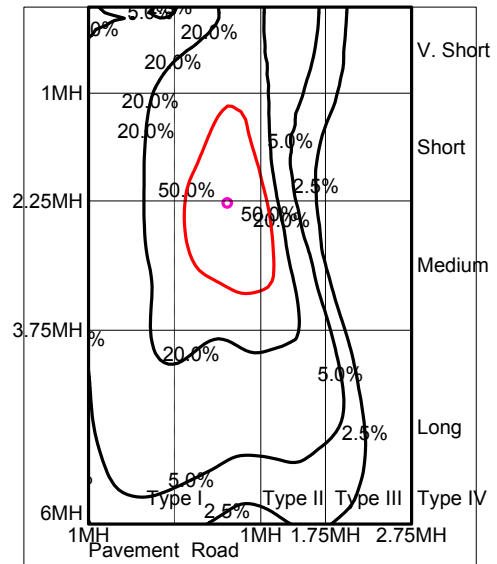
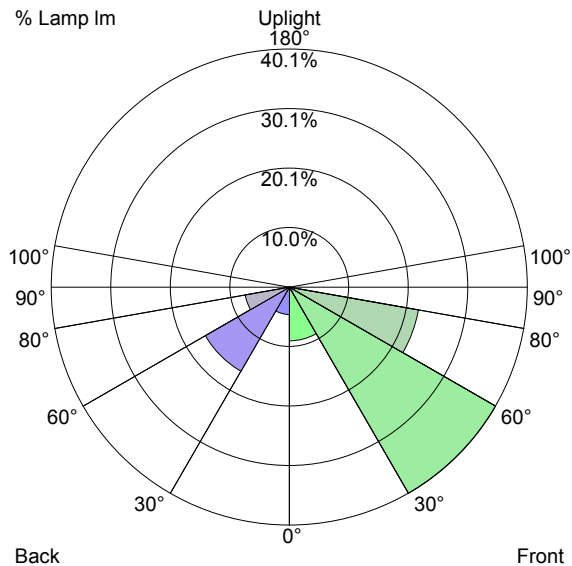


H[m]	D[m]	Max lux	Med lux	Alpha=35.1°+8.3°	G=68.0	
1.00	3.46	1320	356			
2.00	6.93	330	89			
3.00	10.39	147	40			
4.00	13.85	83	22			
5.00	17.31	53	14			

H[m]	D[m]	Max lux	Med lux	Beta=7.0°+24.8°	G=0.0	
1.00	1.56	1320	356			
2.00	3.12	330	89			
3.00	4.68	147	40			
4.00	6.24	83	22			
5.00	7.79	53	14			

Luminaire		Measurem.		Lamp	
Code	UMC-20001-T2-W40	Code	LIGMAN	Code	ITLC023340
Name	Macaron 1 post top luminaires	Name	Macaron 1 post top luminaires	Number	3
Line	lesna 2002 Absolute	Date	13-09-2017	Position	
Luminaire Flux	7263.49 lm	Luminaire Power	80.90 W	Efficacy	89.78 lm/W
Lamps Flux	7263.49 lm	Maximum value	1287.95 cd/klm	Position	C=15.00 G=67.50
				CG	Sym. on planes 270-90
				Efficiency	
				100.00%	

US ROAD STANDARDS



Luminaire Classification System (LCS)			
LCS Zone		Lumens	%Lamp
FL	0° -- 30°	656.9 lm	9.0 %
FM	30° -- 60°	2913.3 lm	40.1 %
FH	60° -- 80°	1602.2 lm	22.1 %
FVH	80° -- 90°	11.4 lm	0.2 %
BL	0° -- 30°	335.2 lm	4.6 %
BM	30° -- 60°	1187.9 lm	16.4 %
BH	60° -- 80°	549.2 lm	7.6 %
BVH	80° -- 90°	7.2 lm	0.1 %
UL	90° -- 100°	0.0 lm	0.0 %
UH	100° -- 180°	0.0 lm	0.0 %
TOTALS		7263.5 lm	100.0 %
BUG B2 U0 G2 Type II Medium Asymmetrical			

Luminaire		Measurem.		Lamp		
Code	UMC-20001-T2-W40	Code	LIGMAN	Code	ITLC023340	
Name	Macaron 1 post top luminaires	Name	Macaron 1 post top luminaires	Number	3	
Line	lesna 2002 Absolute	Date	13-09-2017	Position		
Luminaire Flux	7263.49 lm	Luminaire Power	80.90 W	Efficacy	89.78 lm/W	Efficiency 100.00%
Lamps Flux	7263.49 lm	Maximum value	1287.95 cd/klm	Position	C=15.00 G=67.50	CG Sym. on planes 270-90

Isolux (Floor)

Luminaire position X=0.00m Y=0.00m Z=6.00m

