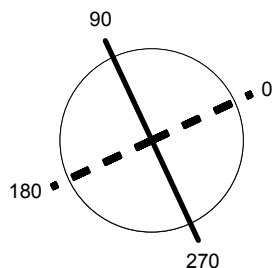


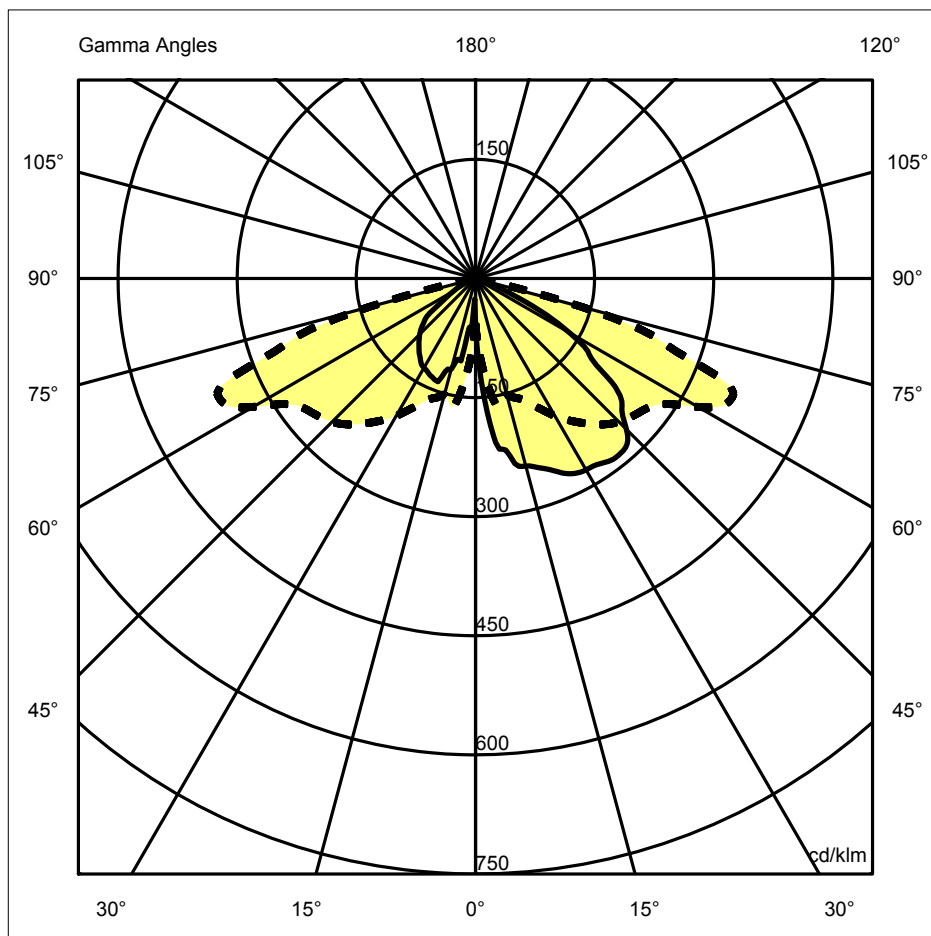
Luminaire		Measurem.		Lamp	
Code	UMC-20001-ME-W40	Code	LIGMAN	Code	ITLC023340
Name	Macaron 1 post top luminaires	Name	Macaron 1 post top luminaires	Number	3
Line	lesna 2002 Absolute	Date	14-09-2017	Position	
Luminaire Flux	7233.96 lm	Luminaire Power	80.90 W	Efficacy	89.42 lm/W
Lamps Flux	7233.96 lm	Maximum value	764.57 cd/klm	Position	C=25.00 G=65.00
				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	14-09-2017	Maximum Gamma Angle		90	
Measurement Distance	0.00	Measurement Flux		7233.96 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	2411.32	26.97	3
C.I.E.	32 74 98 100 100	D DIN 5040	A20		
F UTE	1.00 I	B NBN	BZ 6 / 1.5 / BZ 5		

Diam=520mm

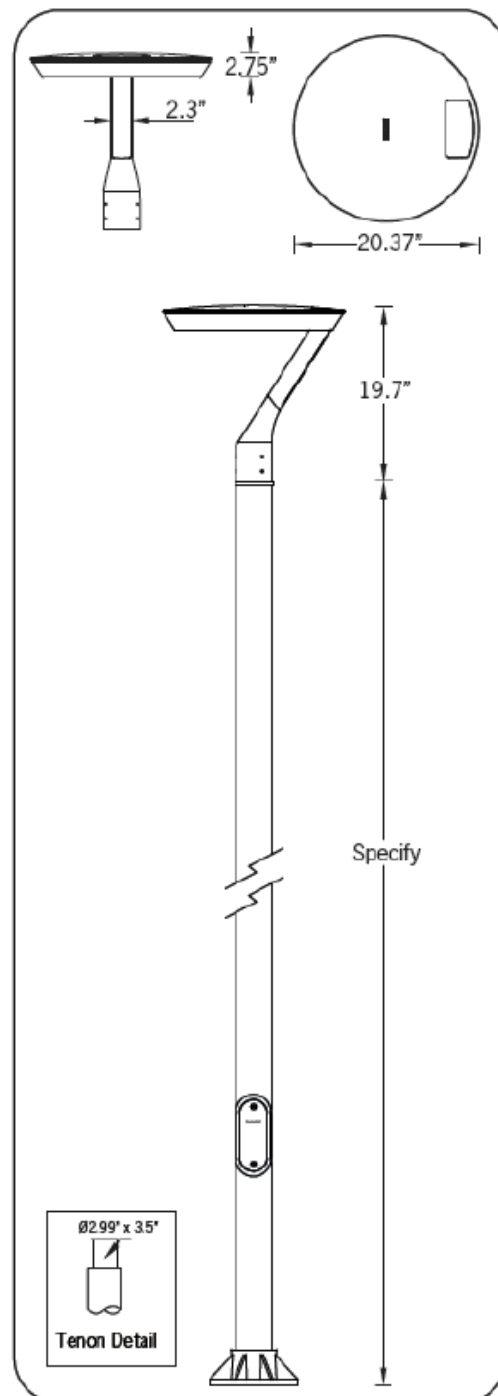


C Halfplanes
270.0 ——— 0.0
180.0 - - - - - 90.0

ULOR 0.00 %
DLOR 100.00 %
RN 0.00 %



Luminaire		Measur.				Lamp	
Code	UMC-20001-ME-W40	Code	LIGMAN			Code	ITLC023340
Name	Macaron 1 post top luminaires	Name	Macaron 1 post top luminaires			Number	3
Line	lesna 2002 Absolute	Date	14-09-2017			Position	
Luminaire Flux	7233.96 lm	Luminaire Power	80.90 W	Efficacy	89.42 lm/W	Efficiency	100.00%
Lamps Flux	7233.96 lm	Maximum value	764.57 cd/klm	Position	C=25.00 G=65.00	CG Sym. on planes	270-90

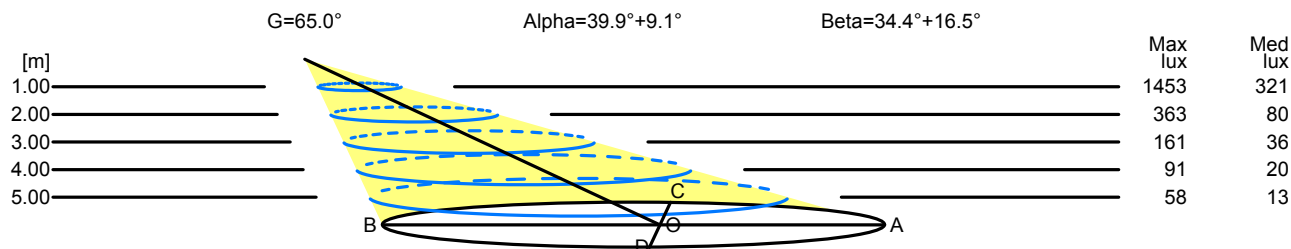


Luminaire		Measurem.		Lamp	
Code	UMC-20001-ME-W40	Code	LIGMAN	Code	ITLC023340
Name	Macaron 1 post top luminaires	Name	Macaron 1 post top luminaires	Number	3
Line	lesna 2002 Absolute	Date	14-09-2017	Position	
Luminaire Flux	7233.96 lm	Luminaire Power	80.90 W	Efficacy	89.42 lm/W
Lamps Flux	7233.96 lm	Maximum value	764.57 cd/klm	Position	C=25.00 G=65.00
				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	1.36	2.71	4.07	5.43	6.79	OC	1.62	3.24	4.86	6.48	8.10
OB	1.68	3.35	5.03	6.70	8.38	OD	0.70	1.41	2.11	2.81	3.52

		Luminous Intensities [cd/klm]									
	0	5	15	25	35	45	55	65	75	85	
OA	415.60	850.80	1095.70	1284.70	1595.10	1848.40	2009.50	2577.10	1002.00	9.50	
OB	415.60	850.80	1095.70	1284.70	1595.10	1848.40	2009.50	2577.10	1002.00	9.50	
OC	415.60	1212.70	1770.20	1961.40	2047.10	1945.80	1304.10	493.60	86.80	8.20	
OD	415.60	503.00	855.50	974.20	878.10	717.00	394.90	137.70	31.70	0.90	

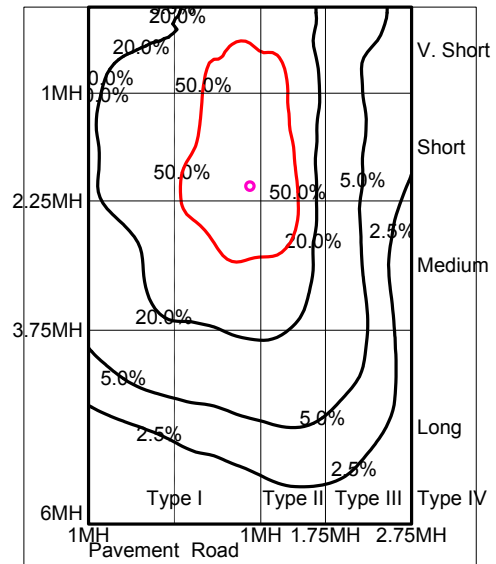
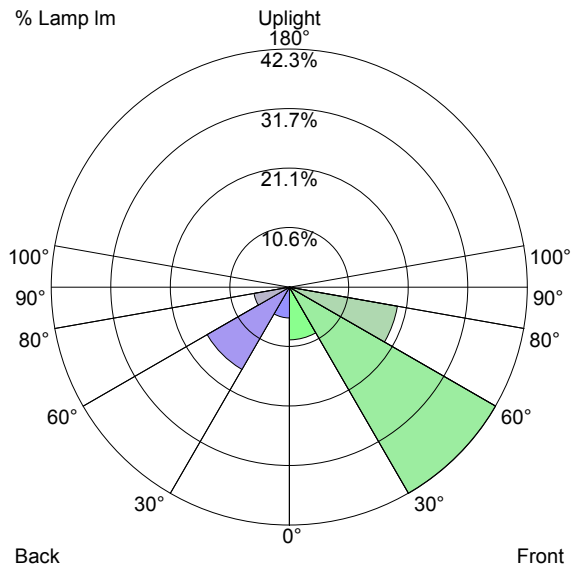


H[m]	D[m]	Max lux	Med lux	$\alpha=39.9^\circ+9.1^\circ$	$G=65.0$	
1.00	3.03	1453	321			
2.00	6.07	363	80			
3.00	9.10	161	36			
4.00	12.13	91	20			
5.00	15.16	58	13			

H[m]	D[m]	Max lux	Med lux	$\beta=16.5^\circ+34.4^\circ$	$G=0.0$	
1.00	2.32	1453	321			
2.00	4.64	363	80			
3.00	6.97	161	36			
4.00	9.29	91	20			
5.00	11.61	58	13			

Luminaire		Measurem.		Lamp	
Code	UMC-20001-ME-W40	Code	LIGMAN	Code	ITLC023340
Name	Macaron 1 post top luminaires	Name	Macaron 1 post top luminaires	Number	3
Line	lesna 2002 Absolute	Date	14-09-2017	Position	
Luminaire Flux	7233.96 lm	Luminaire Power	80.90 W	Efficacy	89.42 lm/W
Lamps Flux	7233.96 lm	Maximum value	764.57 cd/klm	Position	C=25.00 G=65.00
				Efficiency	100.00%
				CG Sym. on planes 270-90	

US ROAD STANDARDS



Luminaire Classification System (LCS)			
LCS Zone		Lumens	%Lamp
FL	0° -- 30°	676.9 lm	9.4 %
FM	30° -- 60°	3058.4 lm	42.3 %
FH	60° -- 80°	1409.5 lm	19.5 %
FVH	80° -- 90°	7.8 lm	0.1 %
BL	0° -- 30°	395.8 lm	5.5 %
BM	30° -- 60°	1219.9 lm	16.9 %
BH	60° -- 80°	462.1 lm	6.4 %
BVH	80° -- 90°	3.5 lm	0.0 %
UL	90° -- 100°	0.0 lm	0.0 %
UH	100° -- 180°	0.0 lm	0.0 %
TOTALS		7234.0 lm	100.0 %
BUG B2 U0 G1 Type II Short Asymmetrical			

Luminaire		Measurem.		Lamp		
Code	UMC-20001-ME-W40	Code	LIGMAN	Code	ITLC023340	
Name	Macaron 1 post top luminaires	Name	Macaron 1 post top luminaires	Number	3	
Line	lesna 2002 Absolute	Date	14-09-2017	Position		
Luminaire Flux	7233.96 lm	Luminaire Power	80.90 W	Efficacy	89.42 lm/W	Efficiency 100.00%
Lamps Flux	7233.96 lm	Maximum value	764.57 cd/klm	Position	C=25.00 G=65.00	CG Sym. on planes 270-90

Isolux (Floor)

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

