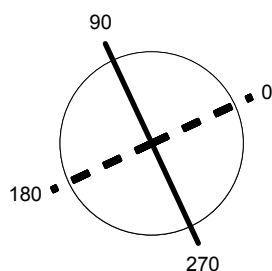


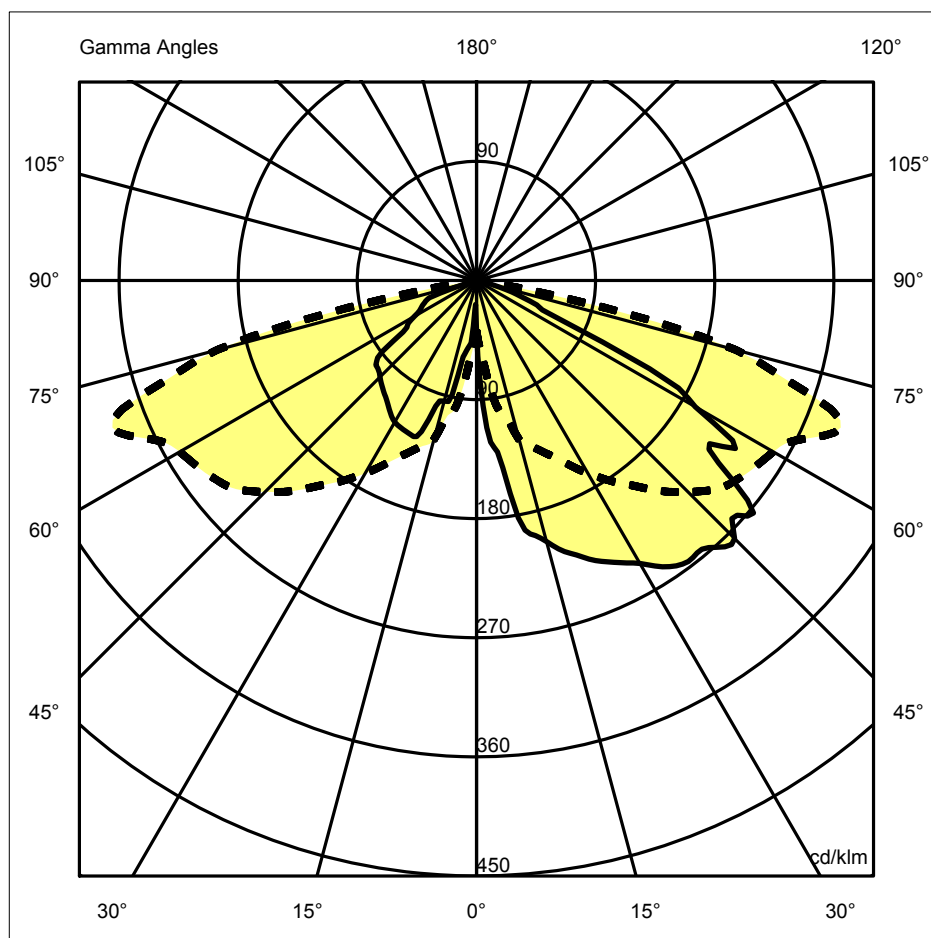
<b>Luminaire</b>		<b>Measurem.</b>		<b>Lamp</b>	
Code	UMC-20002-T3-W40	Code	LIGMAN	Code	ITLC023340
Name	Macaron 2 post top luminaires	Name	Macaron 2 post top luminaires	Number	3
Line	lesna 2002 Absolute	Date	14-09-2017	Position	
Luminaire Flux	6018.88 lm	Luminaire Power	80.20 W	Efficacy	75.05 lm/W
				Efficiency	100.00%
Lamps Flux	6018.88 lm	Maximum value	1011.30 cd/klm	Position	C=25.00 G=70.00
				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		6018.88 lm	
Operator		Source voltage			
Temperature	25.00 °C	Source current			
Humidity	60.00 %	Photocell			
Notes					
<b>Luminaire Lamps</b>					
Line	Code	Name	Flux [lm]	Pow. [W]	Q.ty
	ITLC023340	3x3LED 4000K - 26.73 W	2006.29	26.73	3
C.I.E.	28 65 96 100 100	D DIN 5040	A10		
F UTE	1.00 I	B NBN	BZ 7 / 1 / BZ 6 / 3 / BZ 5		

Diam=520mm

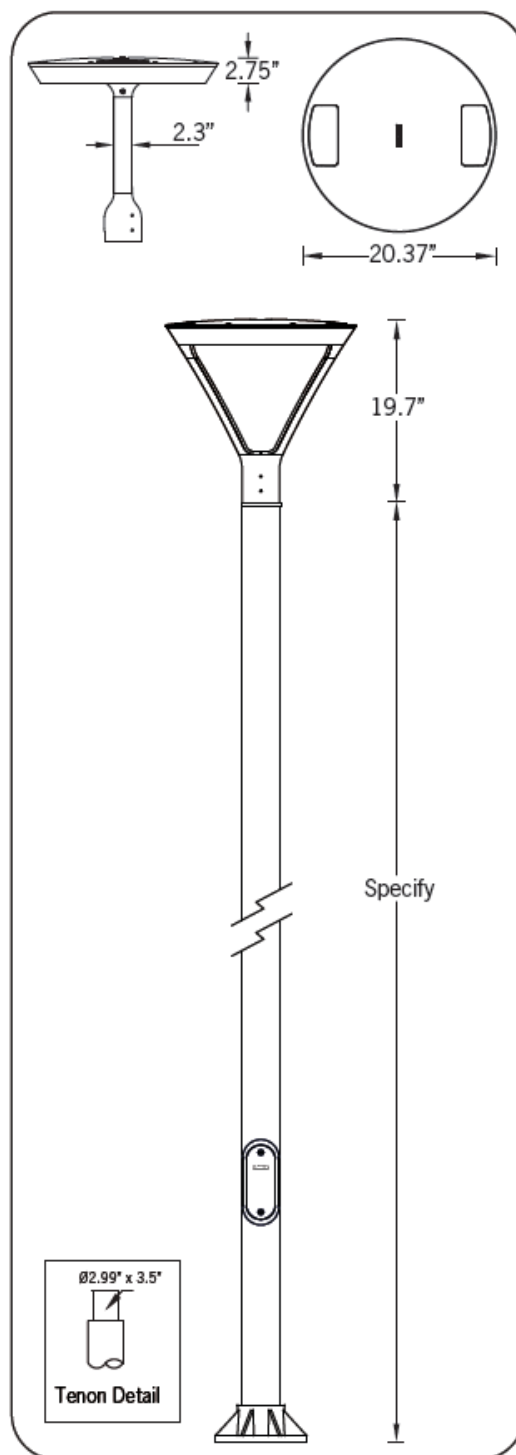


C Halfplanes  
270.0 ——— 0.0  
180.0 - - - - - 0.0  
90.0 ——— 0.0

ULOR 0.00 %  
DLOR 100.00 %  
RN 0.00 %



Luminaire		Measurem.				Lamp	
Code	UMC-20002-T3-W40	Code	LIGMAN			Code	ITLC023340
Name	Macaron 2 post top luminaires	Name	Macaron 2 post top luminaires			Number	3
Line	lesna 2002 Absolute	Date	14-09-2017			Position	
Luminaire Flux	6018.88 lm	Luminaire Power	80.20 W	Efficacy	75.05 lm/W	Efficiency	100.00%
Lamps Flux	6018.88 lm	Maximum value	1011.30 cd/klm	Position	C=25.00 G=70.00	CG Sym. on planes	270-90

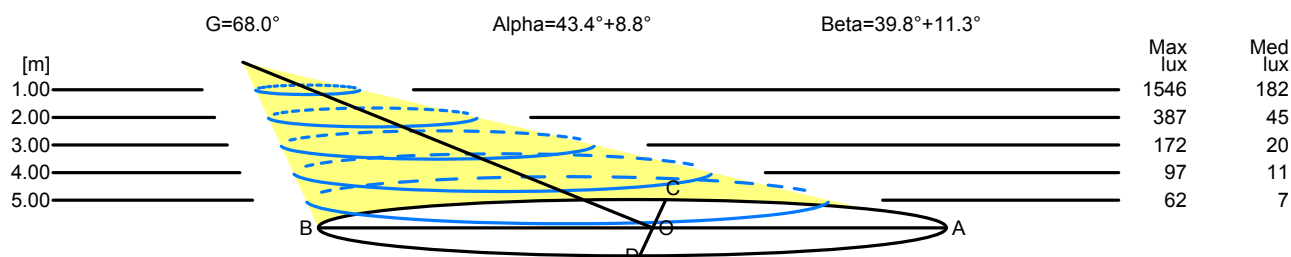


Luminaire		Measur.		Lamp			
Code	UMC-20002-T3-W40	Code	LIGMAN	Code	ITLC023340		
Name	Macaron 2 post top luminaires	Name	Macaron 2 post top luminaires	Number	3		
Line	lesna 2002 Absolute	Date	14-09-2017	Position			
Luminaire Flux	6018.88 lm	Luminaire Power	80.20 W	Efficacy	75.05 lm/W	Efficiency	100.00%
Lamps Flux	6018.88 lm	Maximum value	1011.30 cd/klm	Position	C=25.00 G=70.00	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	1.77	3.55	5.32	7.10	8.87	OC	2.22	4.44	6.66	8.88	11.10
OB	2.02	4.04	6.05	8.07	10.09	OD	0.54	1.07	1.61	2.14	2.68

		Luminous Intensities [ cd/klm]									
		0	5	15	25	35	45	55	65	75	85
OA	228.60	378.30	750.40	901.60	1123.30	1360.00	1514.60	1689.90	1222.30	8.00	
OB	228.60	378.30	750.40	901.60	1123.30	1360.00	1514.60	1689.90	1222.30	8.00	
OC	228.60	737.80	1228.80	1411.40	1583.70	1660.10	1293.80	423.50	75.30	7.90	
OD	228.60	285.80	567.60	757.80	698.30	620.90	407.90	272.80	26.00	4.20	

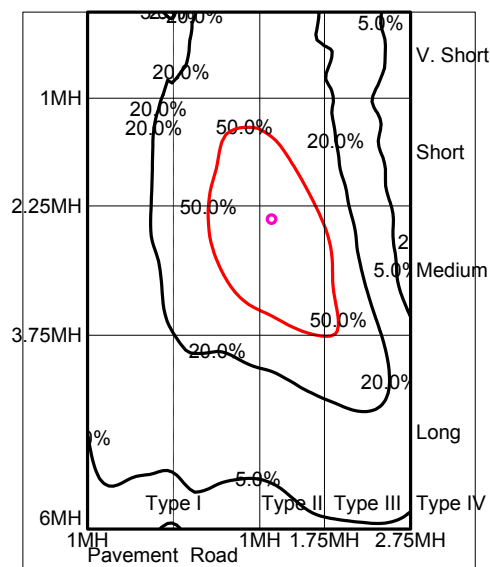
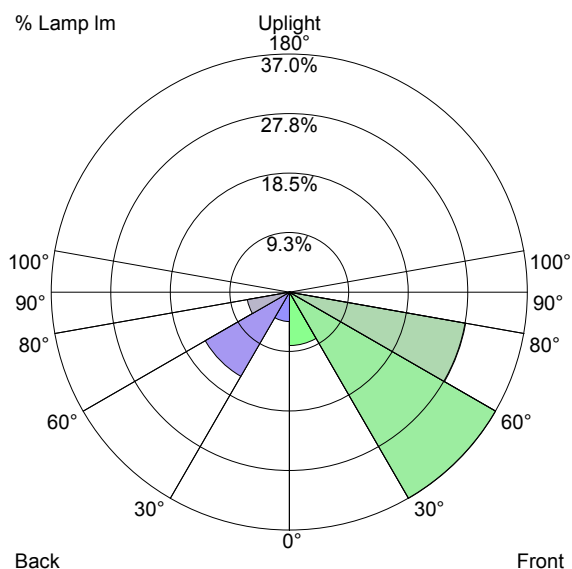


H[m]	D[m]	Max lux	Med lux	Alpha=43.4°+8.8°	G=68.0	
1.00	3.79	1546	182			
2.00	7.58	387	45			
3.00	11.38	172	20			
4.00	15.17	97	11			
5.00	18.96	62	7			

H[m]	D[m]	Max lux	Med lux	Beta=11.3°+39.8°	G=0.0	
1.00	2.76	1546	182			
2.00	5.51	387	45			
3.00	8.27	172	20			
4.00	11.02	97	11			
5.00	13.78	62	7			

<b>Luminaire</b>		<b>Measurem.</b>		<b>Lamp</b>		
Code	UMC-20002-T3-W40	Code	LIGMAN	Code	ITLC023340	
Name	Macaron 2 post top luminaires	Name	Macaron 2 post top luminaires	Number	3	
Line	lesna 2002 Absolute	Date	14-09-2017	Position		
Luminaire Flux	6018.88 lm	Luminaire Power	80.20 W	Efficacy	75.05 lm/W	Efficiency 100.00%
Lamps Flux	6018.88 lm	Maximum value	1011.30 cd/klm	Position	C=25.00 G=70.00	CG Sym. on planes 270-90

## US ROAD STANDARDS



Luminaire Classification System (LCS)			
LCS Zone	Lumens	%Lamp	%Lum
FL	0° -- 30°	499.8 lm	8.3 %
FM	30° -- 60°	2228.7 lm	37.0 %
FH	60° -- 80°	1674.9 lm	27.8 %
FVH	80° -- 90°	21.3 lm	0.4 %
BL	0° -- 30°	275.4 lm	4.6 %
BM	30° -- 60°	910.1 lm	15.1 %
BH	60° -- 80°	399.8 lm	6.6 %
BVH	80° -- 90°	8.9 lm	0.1 %
UL	90° -- 100°	0.0 lm	0.0 %
UH	100° -- 180°	0.0 lm	0.0 %
TOTALS	6018.9 lm	100.0 %	100.0 %
BUG B1 U0 G1 Type III Medium Asymmetrical			

<b>Luminaire</b>		<b>Measurem.</b>		<b>Lamp</b>		
Code	UMC-20002-T3-W40	Code	LIGMAN	Code	ITLC023340	
Name	Macaron 2 post top luminaires	Name	Macaron 2 post top luminaires	Number	3	
Line	lesna 2002 Absolute	Date	14-09-2017	Position		
Luminaire Flux	6018.88 lm	Luminaire Power	80.20 W	Efficacy	75.05 lm/W	Efficiency 100.00%
Lamps Flux	6018.88 lm	Maximum value	1011.30 cd/klm	Position	C=25.00 G=70.00	CG Sym. on planes 270-90

Isolux (Floor)

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

