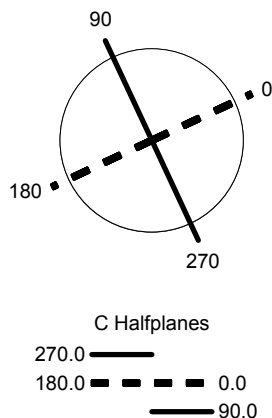


Luminaire			Measurem.			Lamp	
Code	UMC-20001-T3-W40		Code	LIGMAN		Code	ITLC023340
Name	Macaron 1 post top luminaires		Name	Macaron 1 post top luminaires		Number	3
Line	lesna 2002 Absolute		Date	13-09-2017		Position	
Luminaire Flux	6890.40 lm	Luminaire Power	81.00 W	Efficacy	85.07 lm/W	Efficiency	100.00%
Lamps Flux	6890.40 lm	Maximum value	927.30 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		13-09-2017		Maximum Gamma Angle		90	
Measurement Distance		0.00		Measurement Flux		6890.40 lm	
Operator				Source voltage			
Temperature		25.00 °C		Source current			
Humidity		60.00 %		Photocell			
Notes							
Line		Code	Luminaire Lamps				
		ITLC023340	Name		Flux [lm]	Pow. [W]	Q.ty
			3x3LED 4000K - 27.00 W		2296.80	27.00	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 / 2.5 / BZ 5		

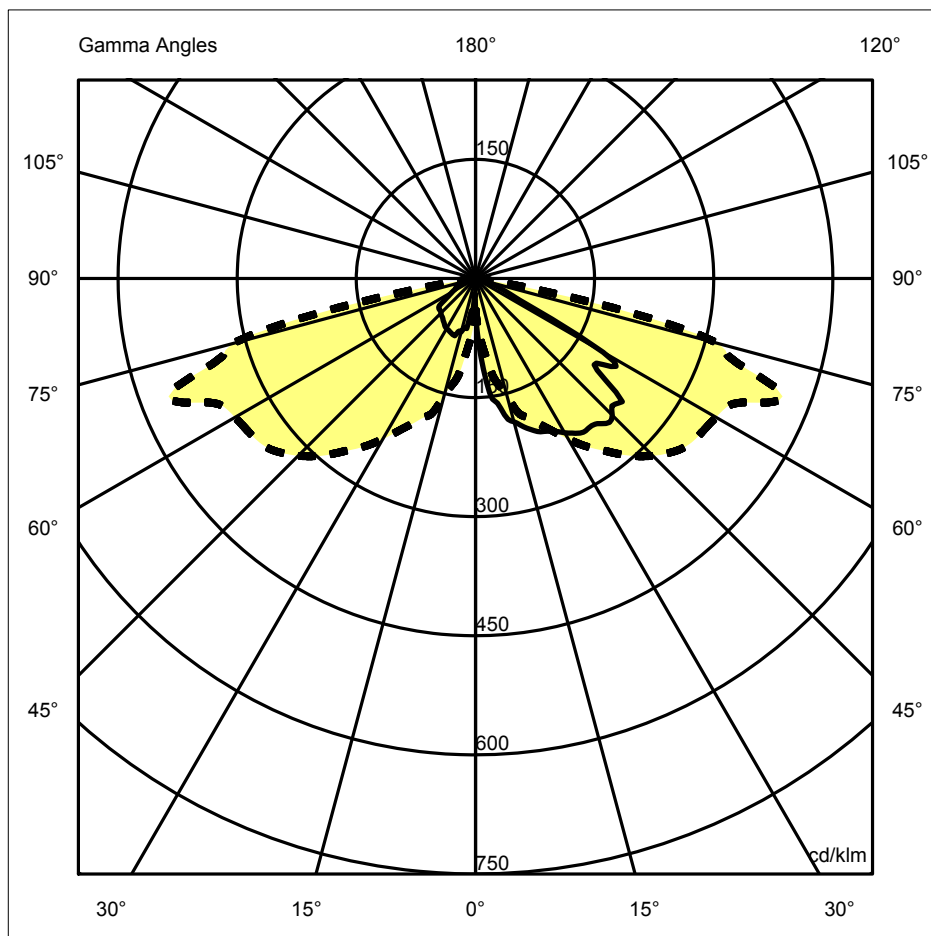
Diam=520mm



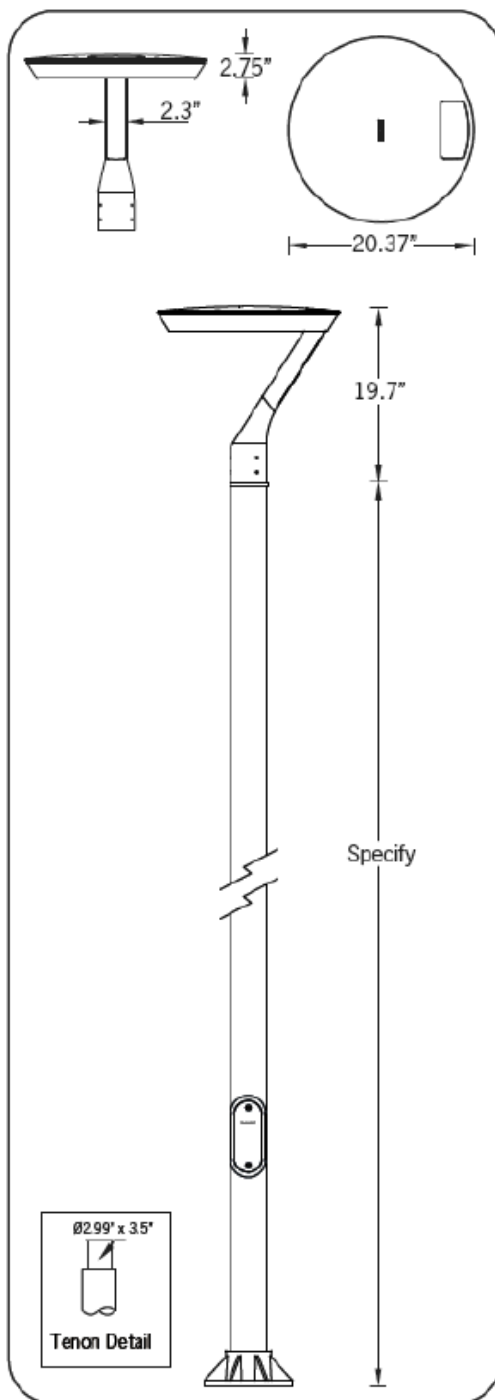
ULOR 0.00 %

DLOR 100.00 %

RN 0.00 %



Luminaire		Measurem.				Lamp	
Code	UMC-20001-T3-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	6890.40 lm	Luminaire Power	81.00 W	Efficacy	85.07 lm/W	Efficiency	100.00%
Lamps Flux	6890.40 lm	Maximum value	927.30 cd/klm	Position	C=25.00 G=70.00	CG Sym. on planes	270-90

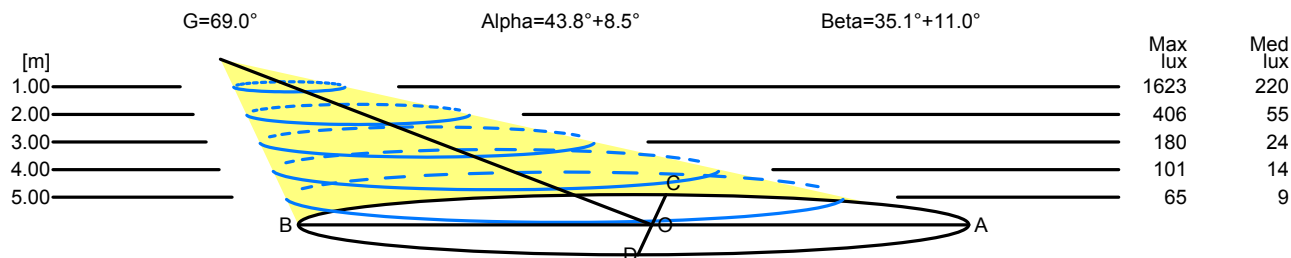


Luminaire		Measurem.		Lamp			
Code	UMC-20001-T3-W40	Code	LIGMAN	Code	ITLC023340		
Name	Macaron 1 post top luminaires	Name	Macaron 1 post top luminaires	Number	3		
Line	lesna 2002 Absolute	Date	13-09-2017	Position			
Luminaire Flux	6890.40 lm	Luminaire Power	81.00 W	Efficacy	85.07 lm/W	Efficiency	100.00%
Lamps Flux	6890.40 lm	Maximum value	927.30 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	1.91	3.83	5.74	7.65	9.57	OC	1.96	3.93	5.89	7.85	9.81
OB	2.13	4.27	6.40	8.54	10.67	OD	0.54	1.08	1.62	2.16	2.71

		Luminous Intensities [cd/klm]									
	0	5	15	25	35	45	55	65	75	85	
OA	263.90	542.30	1055.10	1420.30	1802.90	2177.00	2370.60	2547.20	2183.50	13.10	
OB	263.90	542.30	1055.10	1420.30	1802.90	2177.00	2370.60	2547.20	2183.50	13.10	
OC	263.90	789.20	1285.70	1461.80	1628.90	1678.20	1280.80	361.10	57.20	6.70	
OD	263.90	297.50	479.80	514.90	472.80	423.50	329.90	187.00	20.80	1.30	

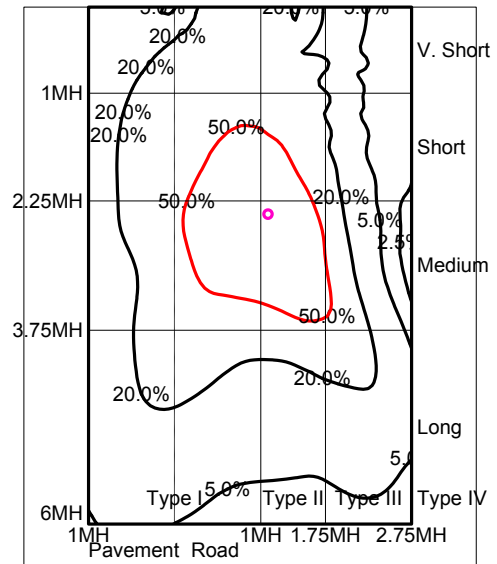
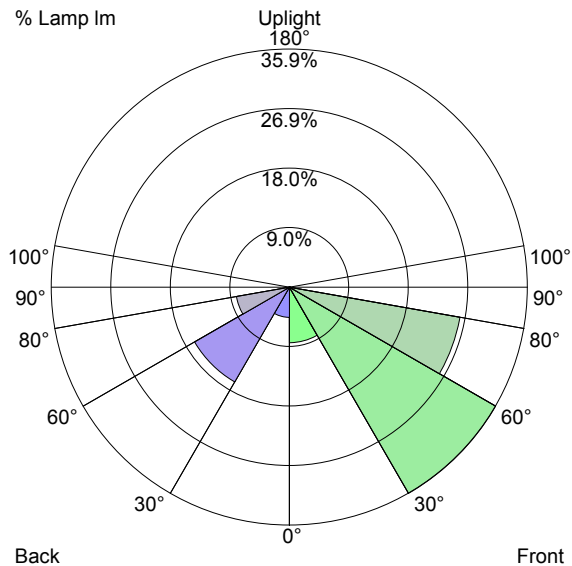


H[m]	D[m]	Max lux	Med lux	Alpha=43.8°+8.5°	G=69.0	
1.00	4.05	1623	220			
2.00	8.10	406	55			
3.00	12.14	180	24			
4.00	16.19	101	14			
5.00	20.24	65	9			

H[m]	D[m]	Max lux	Med lux	Beta=11.0°+35.1°	G=0.0	
1.00	2.50	1623	220			
2.00	5.01	406	55			
3.00	7.51	180	24			
4.00	10.02	101	14			
5.00	12.52	65	9			

Luminaire		Measurem.		Lamp	
Code	UMC-20001-T3-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	6890.40 lm	Luminaire Power	81.00 W	Efficacy	85.07 lm/W
Lamps Flux	6890.40 lm	Maximum value	927.30 cd/klm	Position	C=25.00 G=70.00
				Efficiency	100.00%
				CG Sym. on planes	270-90

US ROAD STANDARDS



Luminaire Classification System (LCS)			
LCS Zone	Lumens	%Lamp	%Lum
FL	0° -- 30°	577.4 lm	8.4 %
FM	30° -- 60°	2475.7 lm	35.9 %
FH	60° -- 80°	1800.4 lm	26.1 %
FVH	80° -- 90°	15.4 lm	0.2 %
BL	0° -- 30°	314.3 lm	4.6 %
BM	30° -- 60°	1138.2 lm	16.5 %
BH	60° -- 80°	559.5 lm	8.1 %
BVH	80° -- 90°	9.5 lm	0.1 %
UL	90° -- 100°	0.0 lm	0.0 %
UH	100° -- 180°	0.0 lm	0.0 %
TOTALS	6890.4 lm	100.0 %	100.0 %
BUG B2 U0 G2 Type III Medium Asymmetrical			

Luminaire		Measurem.		Lamp		
Code	UMC-20001-T3-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	6890.40 lm	Luminaire Power	81.00 W	Efficacy	85.07 lm/W	Efficiency 100.00%
Lamps Flux	6890.40 lm	Maximum value	927.30 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

