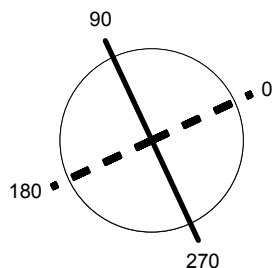


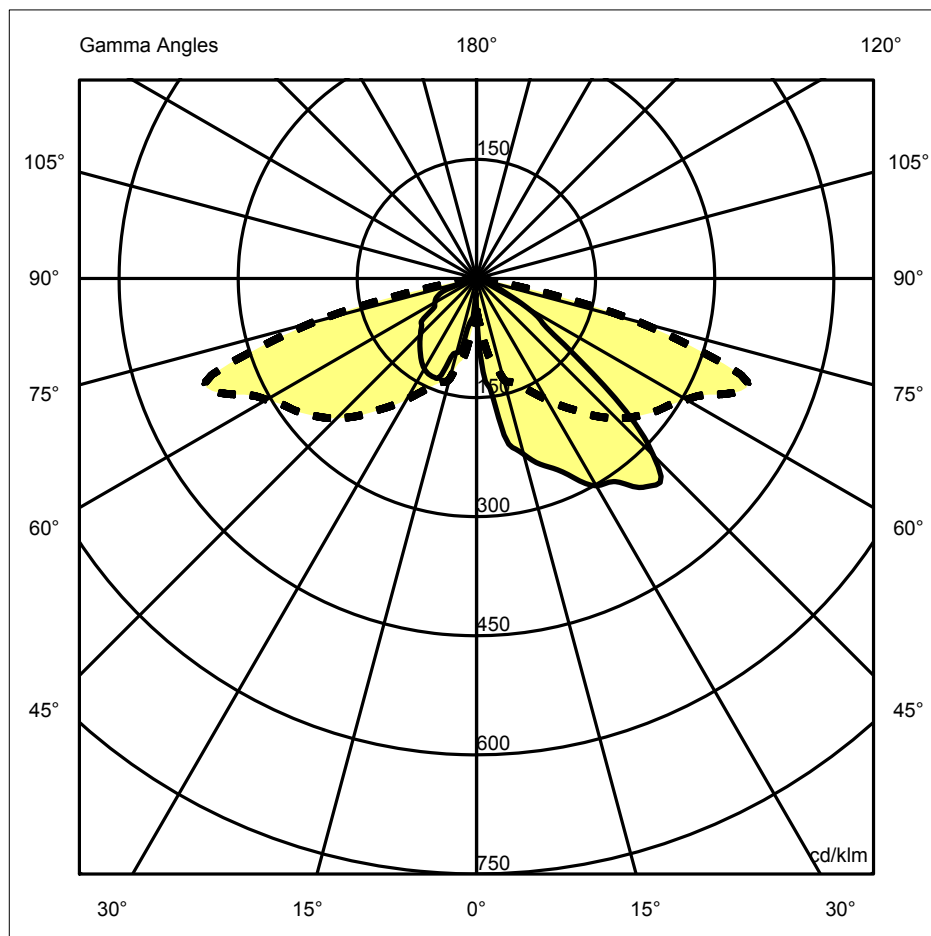
Luminaire		Measurem.		Lamp	
Code	UMC-20002-T2-W40	Code	LIGMAN	Code	ITLC023340
Name	Macaron 2 post top luminaires	Name	Macaron 2 post top luminaires	Number	3
Line	lesna 2002 Absolute	Date	14-09-2017	Position	
Luminaire Flux	6281.46 lm	Luminaire Power	80.10 W	Efficacy	78.42 lm/W
Lamps Flux	6281.46 lm	Maximum value	1321.81 cd/klm	Position	C=17.50 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	14-09-2017	Maximum Gamma Angle		90	
Measurement Distance	0.00	Measurement Flux		6281.46 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 - 26.70 W	2093.82	26.70	3
C.I.E.	30 71 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

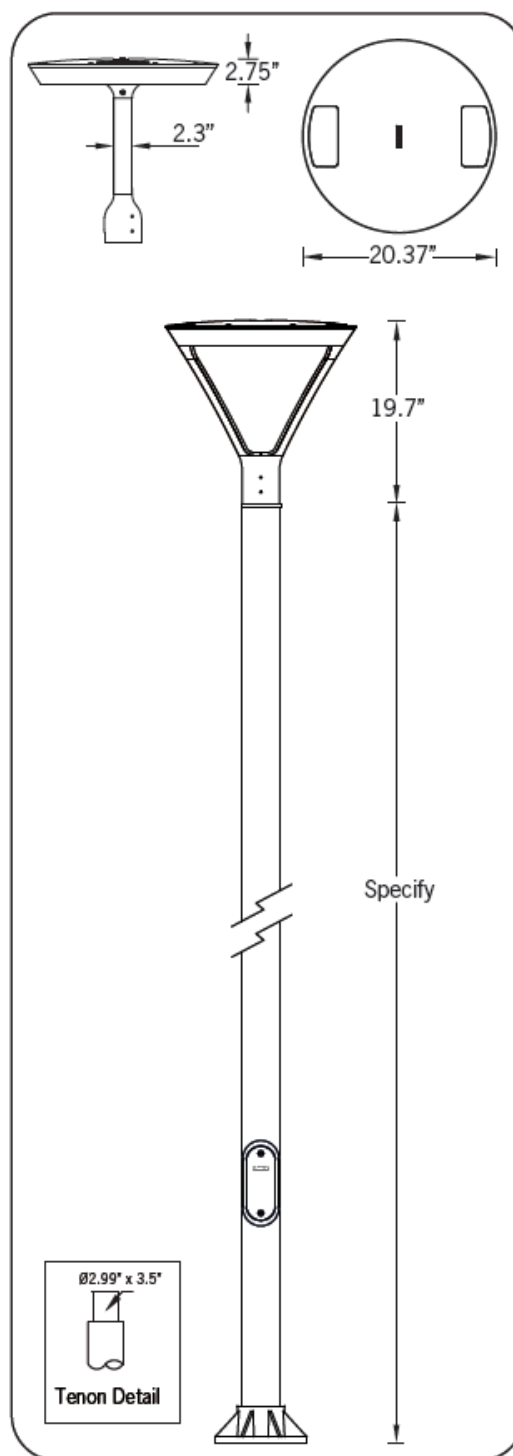


C Halfplanes
270.0 ——— 0.0
180.0 - - - - - 90.0

ULOR 0.00 %
DLOR 100.00 %
RN 0.00 %



Luminaire		Measurem.		Lamp			
Code	UMC-20002-T2-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	6281.46 lm	Luminaire Power	80.10 W	Efficacy	78.42 lm/W	Efficiency	100.00%
Lamps Flux	6281.46 lm	Maximum value	1321.81 cd/klm	Position	C=17.50 G=67.50	CG Sym. on planes	270-90

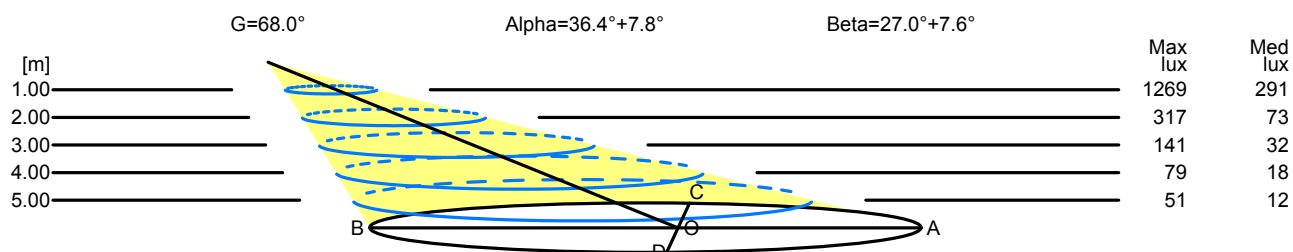


Luminaire		Measurem.		Lamp	
Code	UMC-20002-T2-W40	Code	LIGMAN	Code	ITLC023340
Name	Macaron 2 post top luminaires	Name	Macaron 2 post top luminaires	Number	3
Line	lesna 2002 Absolute	Date	14-09-2017	Position	
Luminaire Flux	6281.46 lm	Luminaire Power	80.10 W	Efficacy	78.42 lm/W
Lamps Flux	6281.46 lm	Maximum value	1321.81 cd/klm	Position	C=17.50 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	1.47	2.94	4.41	5.88	7.34	OC	1.36	2.72	4.07	5.43	6.79
OB	1.86	3.72	5.58	7.44	9.30	OD	0.36	0.71	1.07	1.42	1.78

		Luminous Intensities [cd/klm]									
		0	5	15	25	35	45	55	65	75	85
OA	245.50	400.90	826.00	975.30	1248.30	1562.60	1793.80	2164.10	1332.70	7.40	
OB	245.50	400.90	826.00	975.30	1248.30	1562.60	1793.80	2164.10	1332.70	7.40	
OC	245.50	818.90	1439.20	1711.00	1966.60	1979.60	675.50	228.60	67.50	8.40	
OD	245.50	303.40	608.40	848.20	763.80	626.10	423.50	345.50	28.60	3.70	

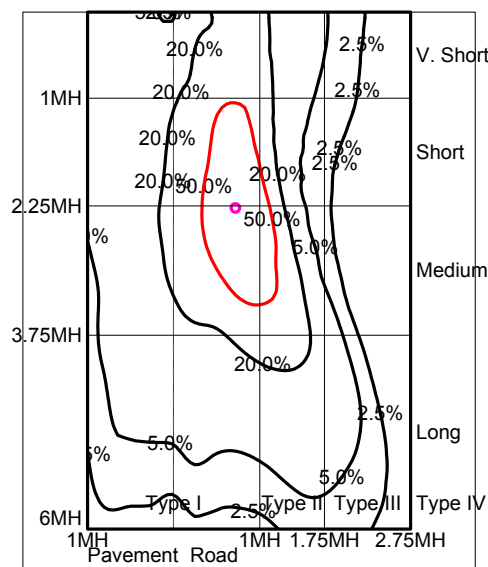
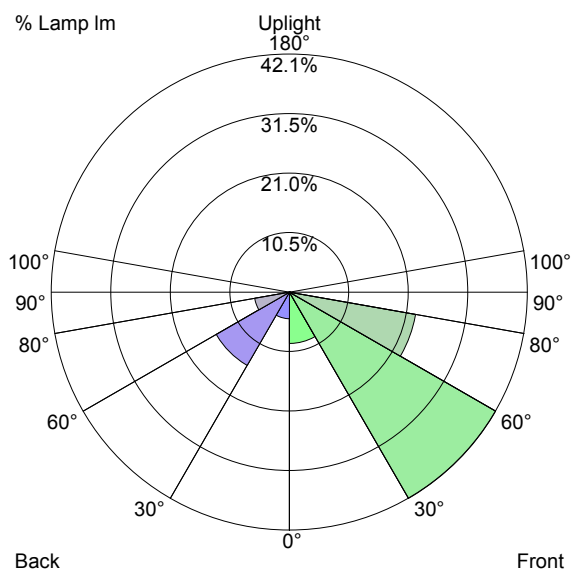


H[m]	D[m]	Max lux	Med lux	Alpha=36.4°+7.8°	G=68.0	
1.00	3.33	1269	291			
2.00	6.66	317	73			
3.00	9.99	141	32			
4.00	13.32	79	18			
5.00	16.65	51	12			

H[m]	D[m]	Max lux	Med lux	Beta=7.6°+27.0°	G=0.0	
1.00	1.71	1269	291			
2.00	3.43	317	73			
3.00	5.14	141	32			
4.00	6.85	79	18			
5.00	8.56	51	12			

Luminaire		Measurem.		Lamp	
Code	UMC-20002-T2-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	6281.46 lm	Luminaire Power	80.10 W	Efficacy	78.42 lm/W
Lamps Flux	6281.46 lm	Maximum value	1321.81 cd/klm	Position	C=17.50 G=67.50
				Efficiency	100.00%
				CG Sym. on planes	270-90

US ROAD STANDARDS



Luminaire Classification System (LCS)			
LCS Zone	Lumens	%Lamp	%Lum
FL	0° -- 30°	569.2 lm	9.1 %
FM	30° -- 60°	2642.1 lm	42.1 %
FH	60° -- 80°	1421.6 lm	22.6 %
FVH	80° -- 90°	15.7 lm	0.2 %
BL	0° -- 30°	294.8 lm	4.7 %
BM	30° -- 60°	938.2 lm	14.9 %
BH	60° -- 80°	391.6 lm	6.2 %
BVH	80° -- 90°	8.2 lm	0.1 %
UL	90° -- 100°	0.0 lm	0.0 %
UH	100° -- 180°	0.0 lm	0.0 %
TOTALS	6281.5 lm	100.0 %	100.0 %
BUG B1 U0 G1 Type II Medium Asymmetrical			

Luminaire		Measurem.				Lamp	
Code	UMC-20002-T2-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	6281.46 lm	Luminaire Power	80.10 W	Efficacy	78.42 lm/W	Efficiency	100.00%
Lamps Flux	6281.46 lm	Maximum value	1321.81 cd/klm	Position	C=17.50 G=67.50	CG Sym. on planes	270-90

Isolux (Floor)

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

