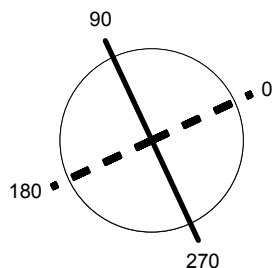


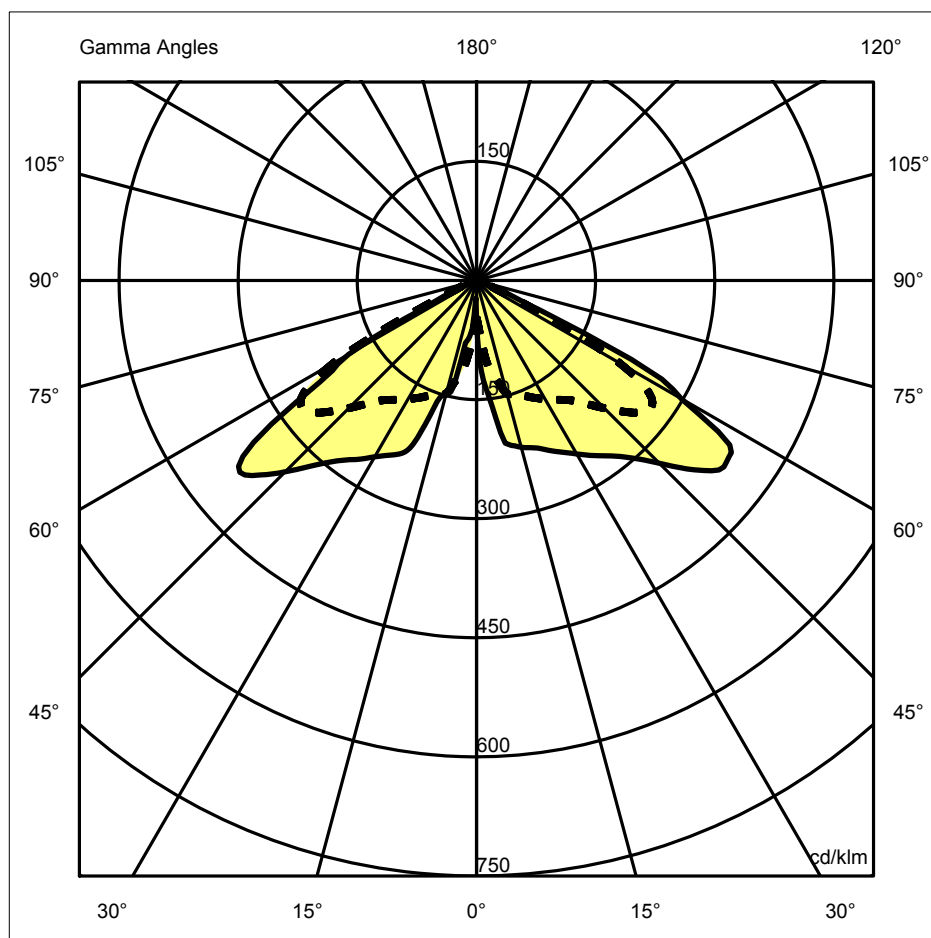
Luminaire		Measurem.		Lamp	
Code	UMC-20002-T5-W40	Code	LIGMAN	Code	ITLC023340
Name	Macaron 2 post top luminaires	Name	Macaron 2 post top luminaires	Number	3
Line	lesna 2002 Absolute	Date	14-09-2017	Position	
Luminaire Flux	7174.81 lm	Luminaire Power	80.10 W	Efficacy	89.57 lm/W
Lamps Flux	7174.81 lm	Maximum value	443.19 cd/klm	Position	C=42.50 G=65.00
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	7174.81 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	2391.60	26.70	3
C.I.E.	33 83 99 100 100	D DIN 5040	A20		
F UTE	1.00 I	B NBN	BZ 6 / 1 / BZ 5 / 3 / BZ 4		

Diam=520mm

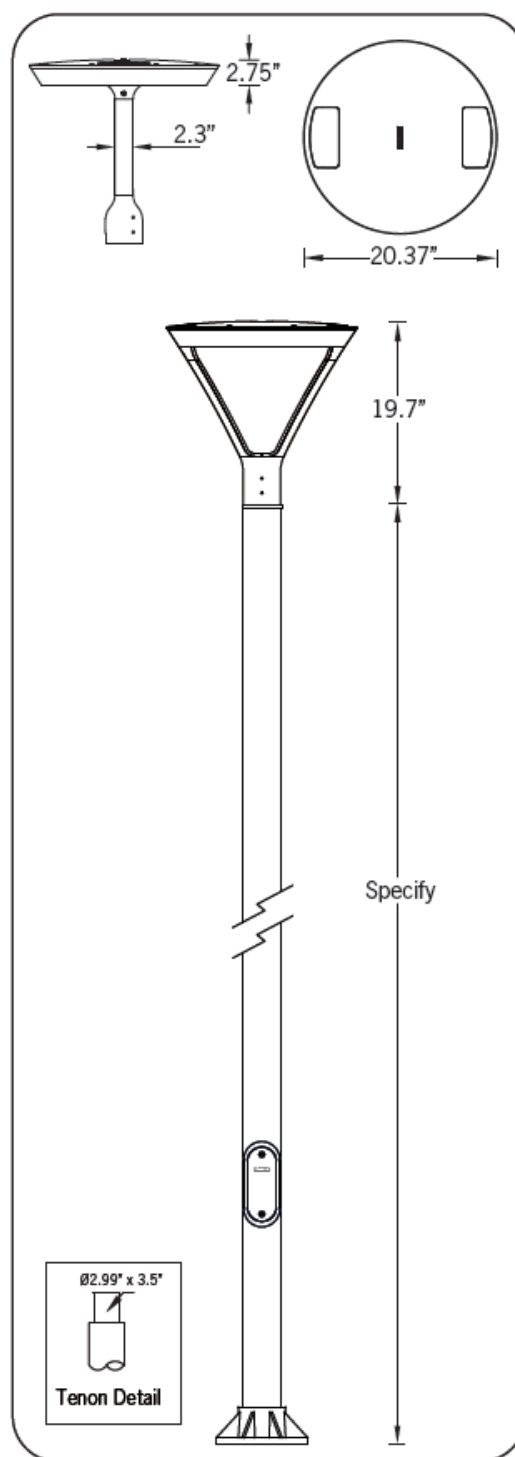


C Halfplanes  
270.0 ——— 0.0  
180.0 - - - - - 90.0

ULOR 0.00 %  
DLOR 100.00 %  
RN 0.00 %



Luminaire		Measurem.		Lamp			
Code	UMC-20002-T5-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	7174.81 lm	Luminaire Power	80.10 W	Efficacy	89.57 lm/W	Efficiency	100.00%
Lamps Flux	7174.81 lm	Maximum value	443.19 cd/klm	Position	C=42.50 G=65.00	CG Sym. on planes	270-90

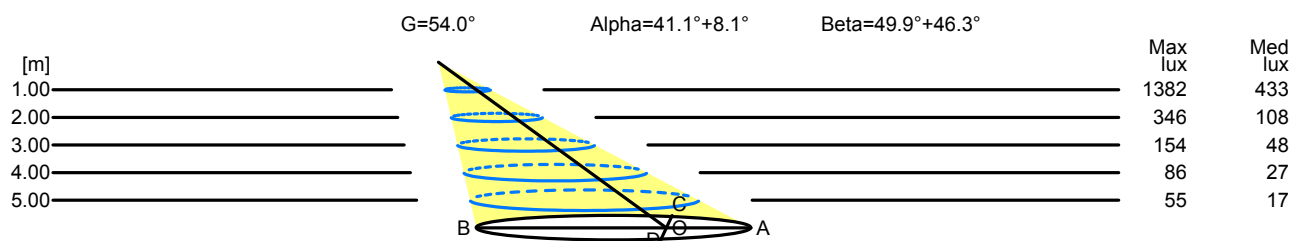


Luminaire		Measurem.		Lamp	
Code	UMC-20002-T5-W40	Code	LIGMAN	Code	ITLC023340
Name	Macaron 2 post top luminaires	Name	Macaron 2 post top luminaires	Number	3
Line	lesna 2002 Absolute	Date	14-09-2017	Position	
Luminaire Flux	7174.81 lm	Luminaire Power	80.10 W	Efficacy	89.57 lm/W
Lamps Flux	7174.81 lm	Maximum value	443.19 cd/klm	Position	C=42.50 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	0.51	1.02	1.53	2.04	2.55	OC	2.02	4.03	6.05	8.07	10.09
OB	1.15	2.30	3.44	4.59	5.74	OD	1.78	3.56	5.34	7.12	8.90

		Luminous Intensities [ cd/klm]									
	0	5	15	25	35	45	55	65	75	85	
OA	335.40	584.50	1059.30	1163.90	1317.00	1631.50	1941.90	294.90	25.50	2.10	
OB	335.40	584.50	1059.30	1163.90	1317.00	1631.50	1941.90	294.90	25.50	2.10	
OC	335.40	977.30	1560.00	1705.50	1932.30	2332.90	2782.30	628.70	56.70	8.90	
OD	335.40	440.90	1065.10	1735.10	1978.30	2449.80	2260.20	267.60	27.00	4.70	

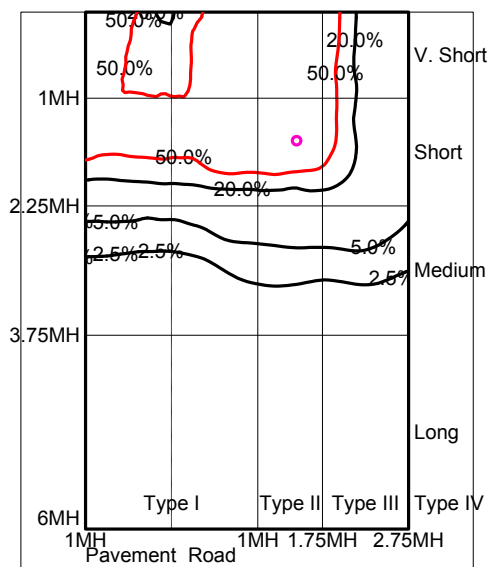
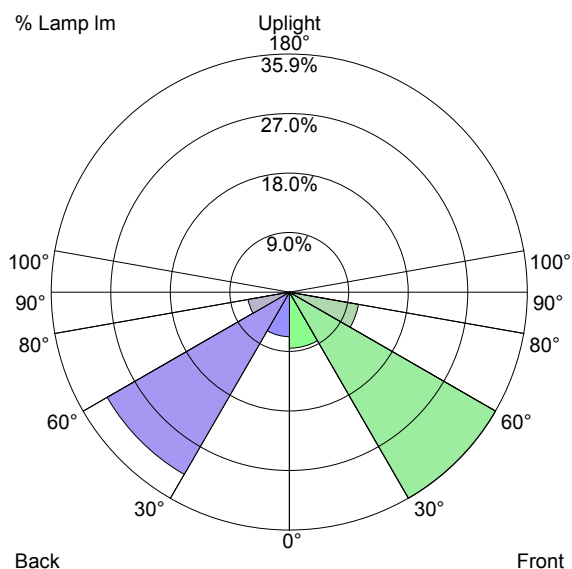


H[m]	D[m]	Max lux	Med lux	Alpha=41.1°+8.1°	G=54.0
1.00	1.66	1382	433		
2.00	3.32	346	108		
3.00	4.97	154	48		
4.00	6.63	86	27		
5.00	8.29	55	17		

H[m]	D[m]	Max lux	Med lux	Beta=46.3°+49.9°	G=0.0
1.00	3.80	1382	433		
2.00	7.60	346	108		
3.00	11.39	154	48		
4.00	15.19	86	27		
5.00	18.99	55	17		

<b>Luminaire</b>		<b>Measurem.</b>		<b>Lamp</b>		
Code	UMC-20002-T5-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	7174.81 lm	Luminaire Power	80.10 W	Efficacy	89.57 lm/W	Efficiency 100.00%
Lamps Flux	7174.81 lm	Maximum value	443.19 cd/klm	Position	C=42.50 G=65.00	CG Sym. on planes 270-90

## US ROAD STANDARDS



Luminaire Classification System (LCS)				
LCS Zone		Lumens	%Lamp	%Lum
FL	0° -- 30°	606.8 lm	8.5 %	8.5 %
FM	30° -- 60°	2578.5 lm	35.9 %	35.9 %
FH	60° -- 80°	759.7 lm	10.6 %	10.6 %
FVH	80° -- 90°	7.2 lm	0.1 %	0.1 %
BL	0° -- 30°	482.0 lm	6.7 %	6.7 %
BM	30° -- 60°	2279.1 lm	31.8 %	31.8 %
BH	60° -- 80°	454.7 lm	6.3 %	6.3 %
BVH	80° -- 90°	6.7 lm	0.1 %	0.1 %
UL	90° -- 100°	0.0 lm	0.0 %	0.0 %
UH	100° -- 180°	0.0 lm	0.0 %	0.0 %
TOTALS		7174.8 lm	100.0 %	100.0 %
BUG B2 U0 G1 Type III Short Asymmetrical				

<b>Luminaire</b>		<b>Measurem.</b>		<b>Lamp</b>		
Code	UMC-20002-T5-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	7174.81 lm	Luminaire Power	80.10 W	Efficacy	89.57 lm/W	Efficiency 100.00%
Lamps Flux	7174.81 lm	Maximum value	443.19 cd/klm	Position	C=42.50 G=65.00	CG Sym. on planes 270-90

Isolux (Floor)

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

