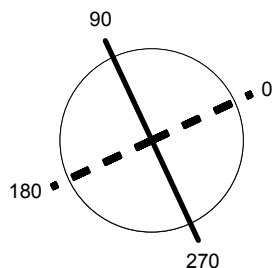


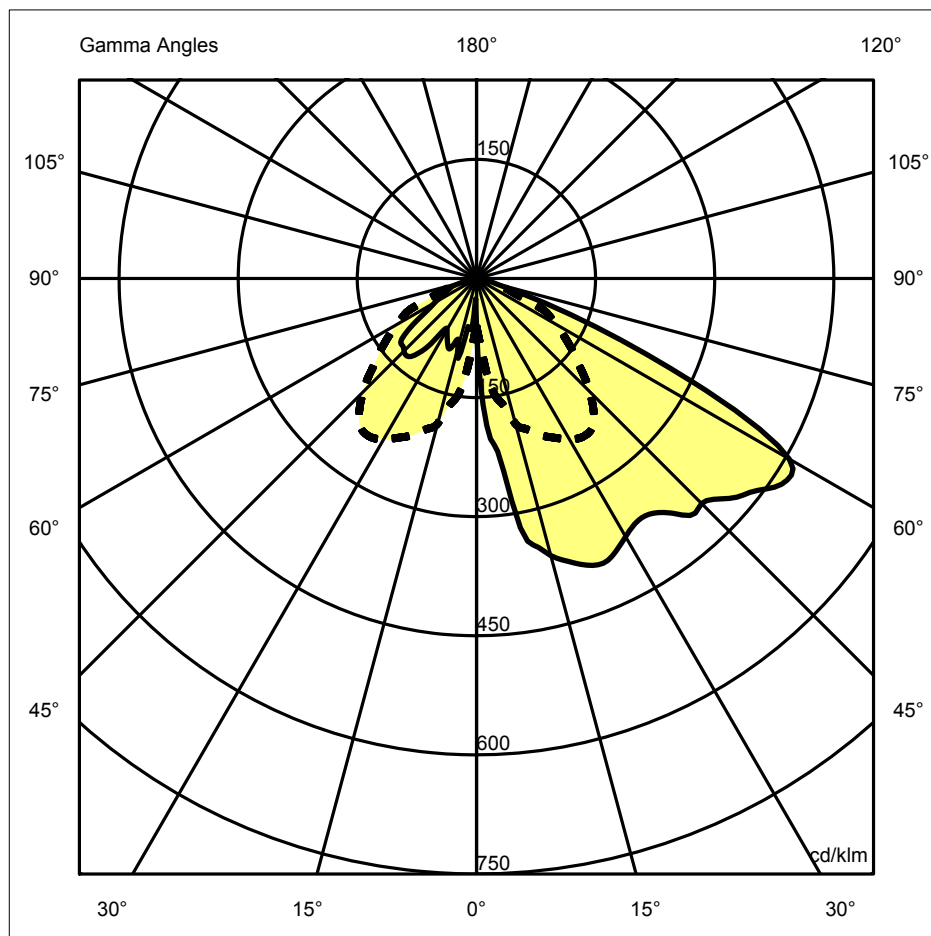
Luminaire		Measurem.		Lamp	
Code	UMC-20002-T4-W40	Code	LIGMAN	Code	ITLC023340
Name	Macaron 2 post top luminaires	Name	Macaron 2 post top luminaires	Number	3
Line	lesna 2002 Absolute	Date	14-09-2017	Position	
Luminaire Flux	6294.99 lm	Luminaire Power	80.10 W	Efficacy	78.59 lm/W
Lamps Flux	6294.99 lm	Maximum value	676.00 cd/klm	Position	C=55.00 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		6294.99 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	2098.33	26.70	3
C.I.E.	35 74 98 100 100	D DIN 5040	A20		
F UTE	1.00 G	B NBN	BZ 6 / 1 / BZ 5		

Diam=520mm

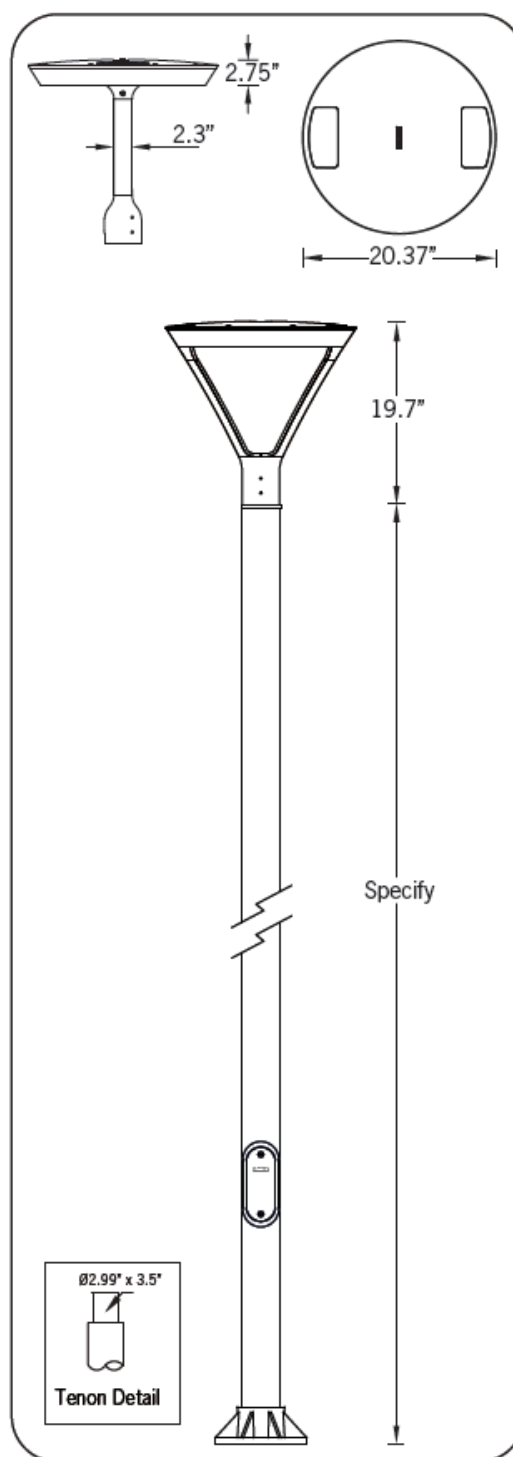


C Halfplanes
270.0 ——— 0.0
180.0 - - - - - 90.0

ULOR 0.00 %
DLOR 100.00 %
RN 0.00 %



Luminaire		Measurem.		Lamp			
Code	UMC-20002-T4-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	6294.99 lm	Luminaire Power	80.10 W	Efficacy	78.59 lm/W	Efficiency	100.00%
Lamps Flux	6294.99 lm	Maximum value	676.00 cd/klm	Position	C=55.00 G=67.50	CG	Sym. on planes 270-90

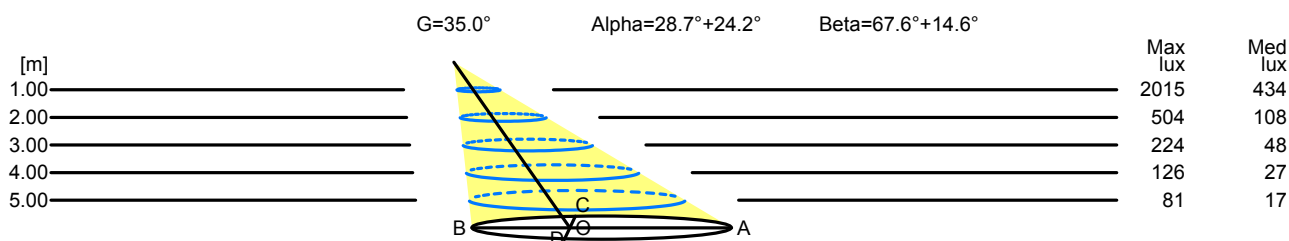


Luminaire		Measurem.		Lamp			
Code	UMC-20002-T4-W40	Code	LIGMAN	Code	ITLC023340		
Name	Macaron 2 post top luminaires	Name	Macaron 2 post top luminaires	Number	3		
Line	lesna 2002 Absolute	Date	14-09-2017	Position			
Luminaire Flux	6294.99 lm	Luminaire Power	80.10 W	Efficacy	78.59 lm/W	Efficiency	100.00%
Lamps Flux	6294.99 lm	Maximum value	676.00 cd/klm	Position	C=55.00 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	0.98	1.95	2.93	3.91	4.88	OC	2.97	5.94	8.90	11.87	14.84
OB	0.59	1.18	1.77	2.36	2.95	OD	0.32	0.64	0.96	1.27	1.59

		Luminous Intensities [cd/klm]									
	0	5	15	25	35	45	55	65	75	85	
OA	378.40	654.00	1195.00	1388.60	1514.60	1270.40	885.90	579.30	56.80	2.50	
OB	378.40	654.00	1195.00	1388.60	1514.60	1270.40	885.90	579.30	56.80	2.50	
OC	378.40	1276.30	2273.20	2465.40	2306.90	2522.60	2883.70	1740.60	158.70	6.90	
OD	378.40	397.70	571.50	545.60	633.90	813.10	568.90	288.40	114.60	5.40	

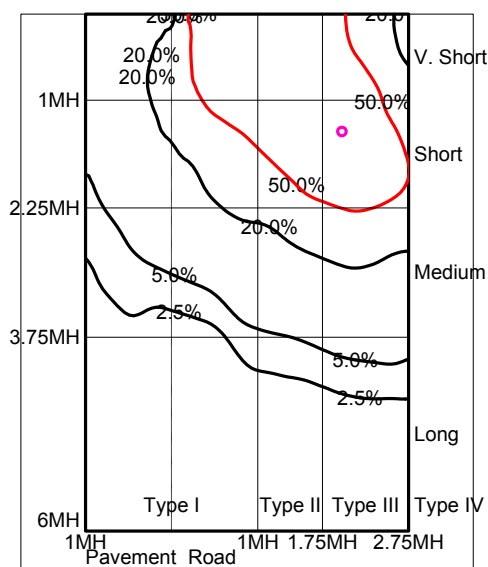
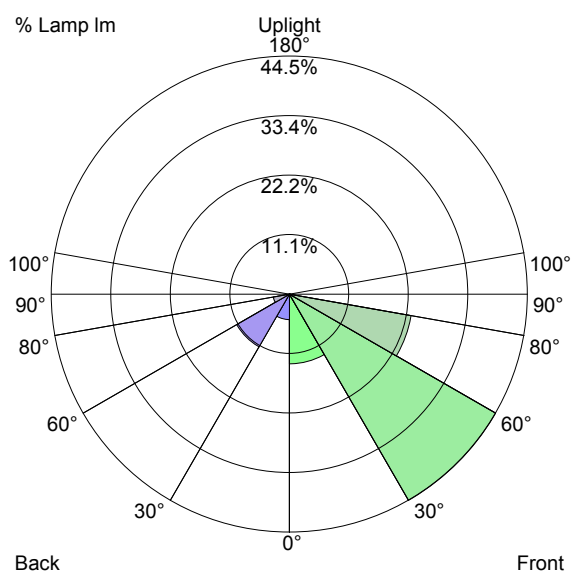


H[m]	D[m]	Max lux	Med lux	Alpha=28.7°+24.2°	G=35.0	
1.00	1.57	2015	434			
2.00	3.13	504	108			
3.00	4.70	224	48			
4.00	6.27	126	27			
5.00	7.84	81	17			

H[m]	D[m]	Max lux	Med lux	Beta=14.6°+67.6°	G=0.0	
1.00	3.29	2015	434			
2.00	6.57	504	108			
3.00	9.86	224	48			
4.00	13.15	126	27			
5.00	16.43	81	17			

Luminaire		Measurem.		Lamp	
Code	UMC-20002-T4-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	6294.99 lm	Luminaire Power	80.10 W	Efficacy	78.59 lm/W
Lamps Flux	6294.99 lm	Maximum value	676.00 cd/klm	Position	C=55.00 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°	819.4 lm	13.0 %	13.0 %
FM	30° -- 60°	2799.2 lm	44.5 %	44.5 %
FH	60° -- 80°	1452.8 lm	23.1 %	23.1 %
FVH	80° -- 90°	11.4 lm	0.2 %	0.2 %
BL	0° -- 30°	299.0 lm	4.8 %	4.8 %
BM	30° -- 60°	715.6 lm	11.4 %	11.4 %
BH	60° -- 80°	192.5 lm	3.1 %	3.1 %
BVH	80° -- 90°	5.0 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		6295.0 lm	100.0 %	100.0 %
BUG B1 U0 G1 Type IV Short Asymmetrical				

Luminaire		Measurem.		Lamp		
Code	UMC-20002-T4-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	6294.99 lm	Luminaire Power	80.10 W	Efficacy	78.59 lm/W	Efficiency 100.00%
Lamps Flux	6294.99 lm	Maximum value	676.00 cd/klm	Position	C=55.00 G=67.50	CG Sym. on planes 270-90

Isolux (Floor)

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

