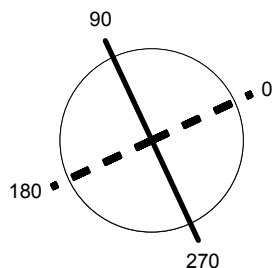


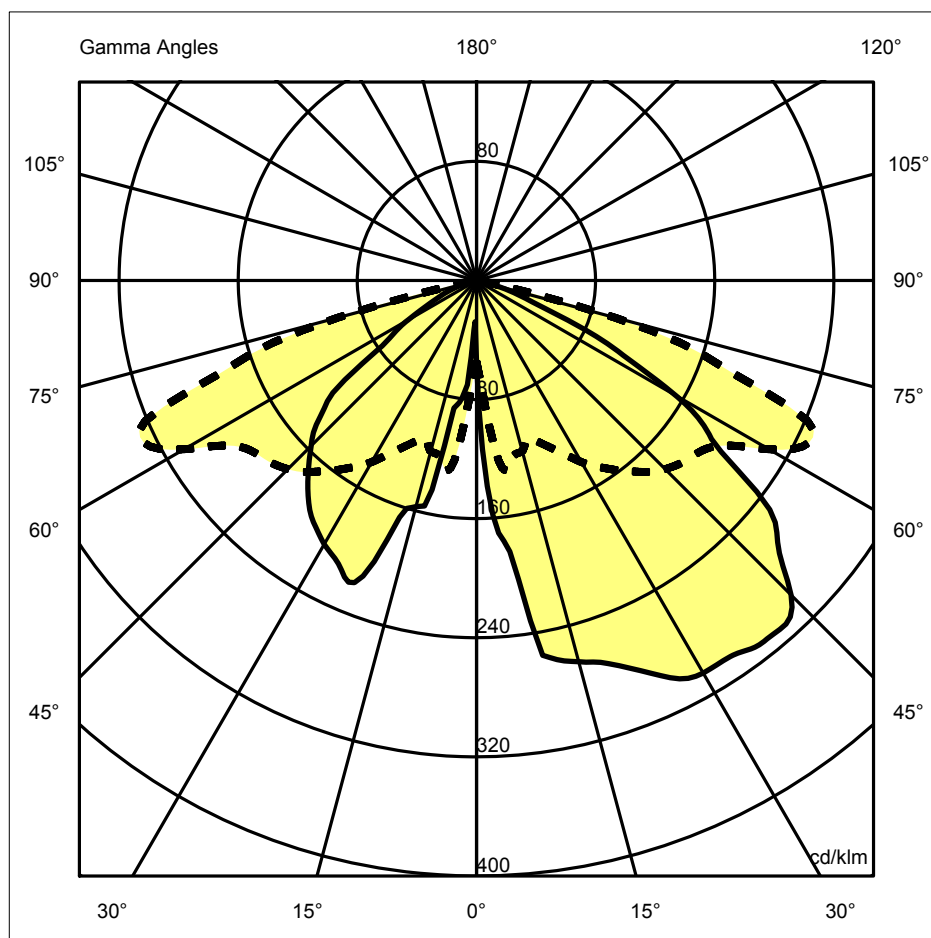
Luminaire		Measurem.		Lamp	
Code	UMC-20002-ME-W40	Code	LIGMAN	Code	ITLC023340
Name	Macaron 2 post top luminaires	Name	Macaron 2 post top luminaires	Number	3
Line	lesna 2002 Absolute	Date	14-09-2017	Position	
Luminaire Flux	6502.62 lm	Luminaire Power	80.10 W	Efficacy	81.18 lm/W
				Efficiency	100.00%
Lamps Flux	6502.62 lm	Maximum value	808.81 cd/klm	Position	C=27.50 G=65.00
				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		6502.62 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	2167.54	26.70	3
C.I.E.	32 74 98 100 100	D DIN 5040	A20		
F UTE	1.00 I	B NBN	BZ 6 / 1.5 / BZ 5		

Diam=520mm

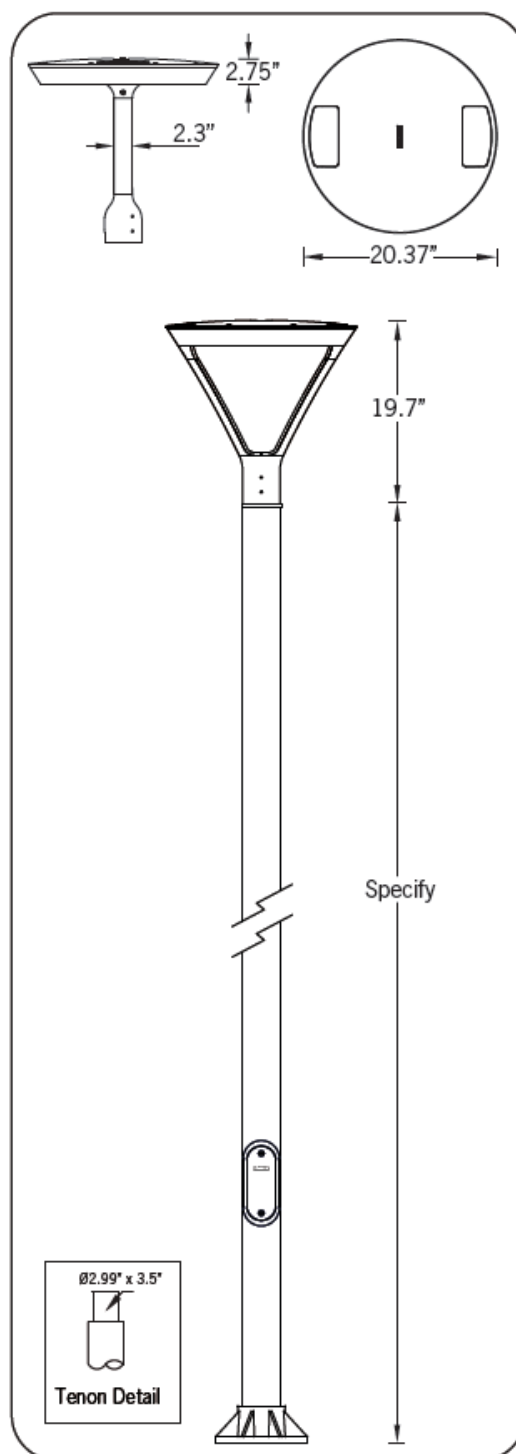


C Halfplanes
270.0 ——— 0.0
180.0 - - - - - 90.0

ULOR 0.00 %
DLOR 100.00 %
RN 0.00 %



Luminaire		Measurem.		Lamp			
Code	UMC-20002-ME-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	6502.62 lm	Luminaire Power	80.10 W	Efficacy	81.18 lm/W	Efficiency	100.00%
Lamps Flux	6502.62 lm	Maximum value	808.81 cd/klm	Position	C=27.50 G=65.00	CG Sym. on planes	270-90

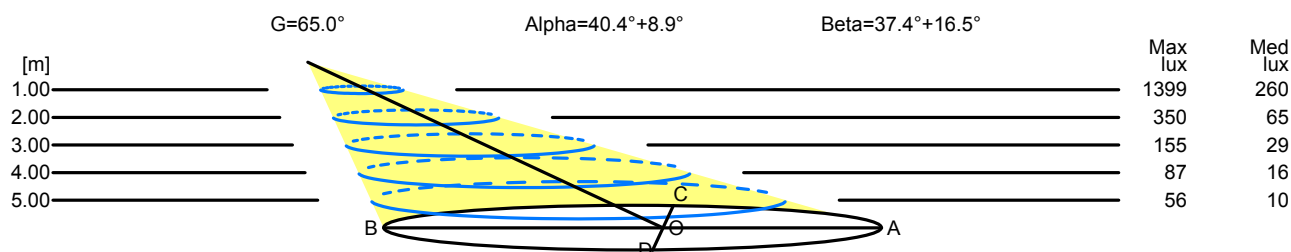


Luminaire		Measur.		Lamp	
Code	UMC-20002-ME-W40	Code	LIGMAN	Code	ITLC023340
Name	Macaron 2 post top luminaires	Name	Macaron 2 post top luminaires	Number	3
Line	lesna 2002 Absolute	Date	14-09-2017	Position	
Luminaire Flux	6502.62 lm	Luminaire Power	80.10 W	Efficacy	81.18 lm/W
Lamps Flux	6502.62 lm	Maximum value	808.81 cd/klm	Position	C=27.50 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	1.32	2.64	3.96	5.28	6.60	OC	1.81	3.62	5.43	7.24	9.05
OB	1.69	3.37	5.06	6.74	8.43	OD	0.70	1.40	2.10	2.81	3.51

Luminous Intensities [cd/klm]										
	0	5	15	25	35	45	55	65	75	85
OA	355.00	636.40	774.30	817.00	1004.10	1165.20	1265.20	1621.10	627.10	4.90
OB	355.00	636.40	774.30	817.00	1004.10	1165.20	1265.20	1621.10	627.10	4.90
OC	355.00	1107.00	1723.40	1904.30	1987.40	1943.20	1304.10	579.30	103.10	7.10
OD	355.00	456.50	1022.00	1395.10	1257.40	1021.00	524.80	200.00	45.50	3.80

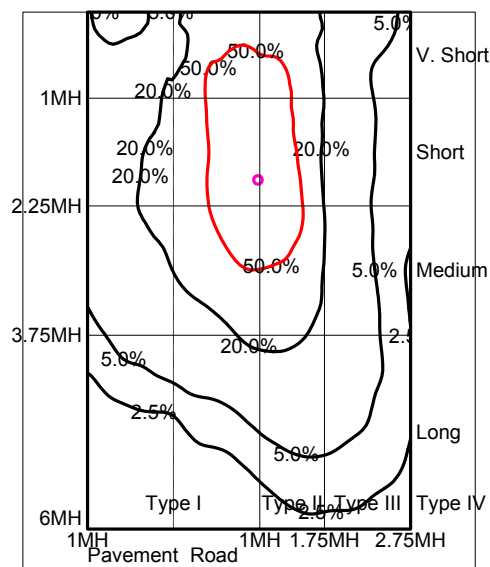
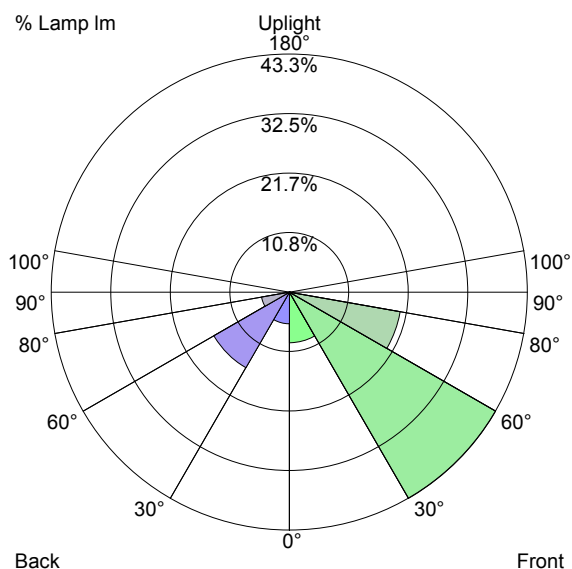


H[m]	D[m]	Max lux	Med lux	Alpha=40.4°+8.9°	G=65.0	
1.00	3.01	1399	260			
2.00	6.01	350	65			
3.00	9.02	155	29			
4.00	12.02	87	16			
5.00	15.03	56	10			

H[m]	D[m]	Max lux	Med lux	Beta=16.5°+37.4°	G=0.0	
1.00	2.51	1399	260			
2.00	5.02	350	65			
3.00	7.53	155	29			
4.00	10.05	87	16			
5.00	12.56	56	10			

Luminaire		Measurem.		Lamp		
Code	UMC-20002-ME-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	6502.62 lm	Luminaire Power	80.10 W	Efficacy	81.18 lm/W	Efficiency 100.00%
Lamps Flux	6502.62 lm	Maximum value	808.81 cd/klm	Position	C=27.50 G=65.00	CG Sym. on planes 270-90

US ROAD STANDARDS



Luminaire Classification System (LCS)

LCS Zone	Lumens	%Lamp	%Lum
FL 0° -- 30°	598.2 lm	9.2 %	9.2 %
FM 30° -- 60°	2816.6 lm	43.3 %	43.3 %
FH 60° -- 80°	1330.5 lm	20.5 %	20.5 %
FVH 80° -- 90°	10.3 lm	0.2 %	0.2 %
BL 0° -- 30°	374.5 lm	5.8 %	5.8 %
BM 30° -- 60°	1031.9 lm	15.9 %	15.9 %
BH 60° -- 80°	334.6 lm	5.1 %	5.1 %
BVH 80° -- 90°	6.0 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	6502.6 lm	100.0 %	100.0 %
BUG B2 U0 G1 Type II Short Asymmetrical			

Luminaire		Measurem.				Lamp	
Code	UMC-20002-ME-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	6502.62 lm	Luminaire Power	80.10 W	Efficacy	81.18 lm/W	Efficiency	100.00%
Lamps Flux	6502.62 lm	Maximum value	808.81 cd/klm	Position	C=27.50 G=65.00	CG Sym. on planes	270-90

Isolux (Floor)

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

