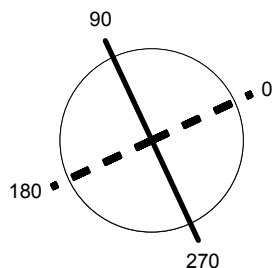


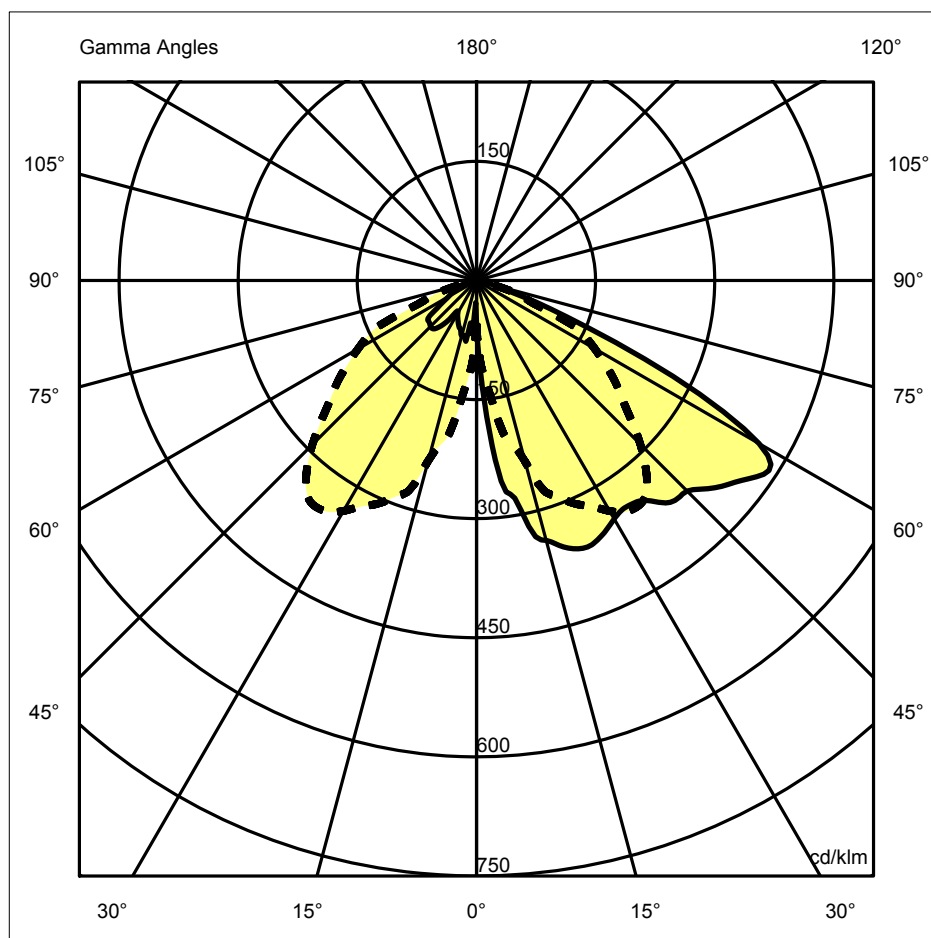
Luminaire		Measurem.		Lamp	
Code	UMC-20001-T4-W40	Code	LIGMAN	Code	ITLC023340
Name	Macaron 1 post top luminaires	Name	Macaron 1 post top luminaires	Number	3
Line	lesna 2002 Absolute	Date	14-09-2017	Position	
Luminaire Flux	6824.10 lm	Luminaire Power	80.90 W	Efficacy	84.35 lm/W
Lamps Flux	6824.10 lm	Maximum value	605.88 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		6824.10 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 - 26.97 W	2274.70	26.97	3
C.I.E.	37 75 98 100 100	D DIN 5040	A20		
F UTE	1.00 E	B NBN	BZ 6 / 0.8 / BZ 5		

Diam=520mm

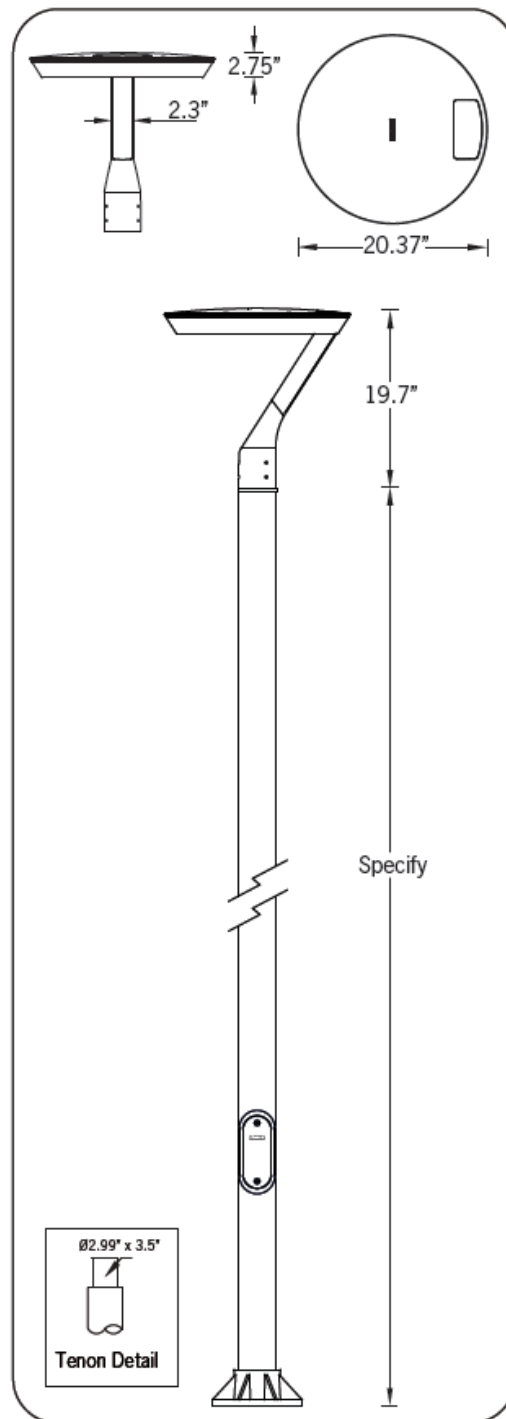


C Halfplanes
270.0 ——— 0.0
180.0 - - - - - 90.0

ULOR 0.00 %
DLOR 100.00 %
RN 0.00 %



Luminaire		Measurem.				Lamp	
Code	UMC-20001-T4-W40	Code	LIGMAN			Code	ITLC023340
Name	Macaron 1 post top luminaires	Name	Macaron 1 post top luminaires			Number	3
Line	lesna 2002 Absolute	Date	14-09-2017			Position	
Luminaire Flux	6824.10 lm	Luminaire Power	80.90 W	Efficacy	84.35 lm/W	Efficiency	100.00%
Lamps Flux	6824.10 lm	Maximum value	605.88 cd/klm	Position	C=55.00 G=67.50	CG	Sym. on planes 270-90

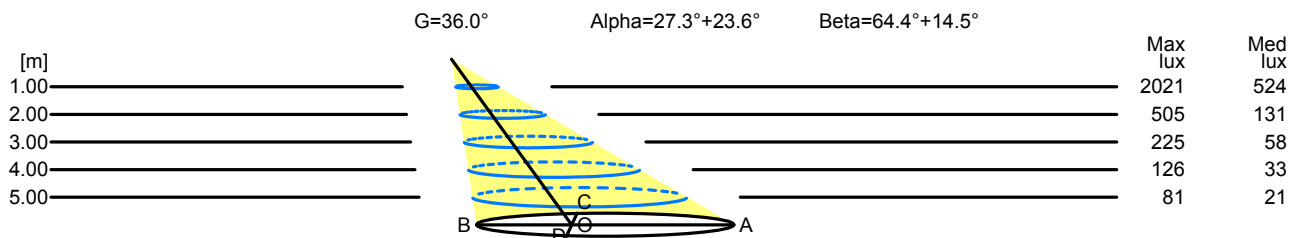


Luminaire		Measurem.		Lamp			
Code	UMC-20001-T4-W40	Code	LIGMAN	Code	ITLC023340		
Name	Macaron 1 post top luminaires	Name	Macaron 1 post top luminaires	Number	3		
Line	lesna 2002 Absolute	Date	14-09-2017	Position			
Luminaire Flux	6824.10 lm	Luminaire Power	80.90 W	Efficacy	84.35 lm/W	Efficiency	100.00%
Lamps Flux	6824.10 lm	Maximum value	605.88 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	1.96	2.94	3.92	4.90	OC	2.58	5.17	7.75	10.34	12.92
OB	0.57	1.15	1.72	2.30	2.87	OD	0.32	0.64	0.96	1.28	1.60

		Luminous Intensities [cd/klm]									
		0	5	15	25	35	45	55	65	75	85
OA	376.30	851.70	1606.80	2129.00	2384.90	1992.60	1419.80	927.50	167.60	5.10	
OB	376.30	851.70	1606.80	2129.00	2384.90	1992.60	1419.80	927.50	167.60	5.10	
OC	376.30	1321.80	2312.10	2460.20	2340.70	2558.90	2938.20	1592.50	155.90	7.60	
OD	376.30	460.60	493.60	376.70	405.30	558.50	413.10	218.20	89.60	2.70	

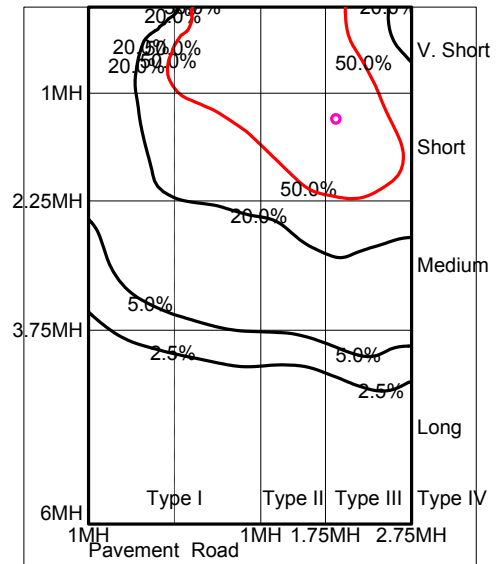
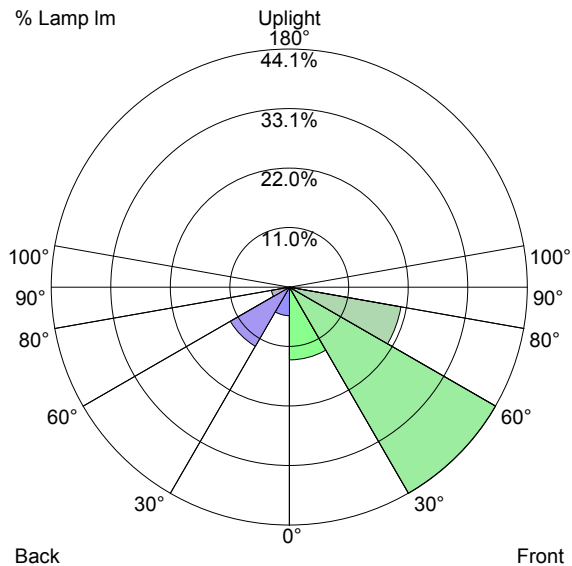


H[m]	D[m]	Max lux	Med lux	Alpha=27.3°+23.6°	G=36.0	
1.00	1.55	2021	524			
2.00	3.11	505	131			
3.00	4.66	225	58			
4.00	6.22	126	33			
5.00	7.77	81	21			

H[m]	D[m]	Max lux	Med lux	Beta=14.5°+64.4°	G=0.0	
1.00	2.91	2021	524			
2.00	5.81	505	131			
3.00	8.72	225	58			
4.00	11.62	126	33			
5.00	14.53	81	21			

Luminaire		Measurem.		Lamp		
Code	UMC-20001-T4-W40	Code	LIGMAN	Code	ITLC023340	
Name	Macaron 1 post top luminaires	Name	Macaron 1 post top luminaires	Number	3	
Line	lesna 2002 Absolute	Date	14-09-2017	Position		
Luminaire Flux	6824.10 lm	Luminaire Power	80.90 W	Efficacy	84.35 lm/W	Efficiency 100.00%
Lamps Flux	6824.10 lm	Maximum value	605.88 cd/klm	Position	C=55.00 G=67.50	CG Sym. on planes 270-90

US ROAD STANDARDS



Luminaire Classification System (LCS)			
LCS Zone		Lumens	%Lamp %Lum
FL	0° -- 30°	919.3 lm	13.5 % 13.5 %
FM	30° -- 60°	3008.7 lm	44.1 % 44.1 %
FH	60° -- 80°	1431.9 lm	21.0 % 21.0 %
FVH	80° -- 90°	7.9 lm	0.1 % 0.1 %
BL	0° -- 30°	360.2 lm	5.3 % 5.3 %
BM	30° -- 60°	861.5 lm	12.6 % 12.6 %
BH	60° -- 80°	231.3 lm	3.4 % 3.4 %
BVH	80° -- 90°	3.3 lm	0.0 % 0.0 %
UL	90° -- 100°	0.0 lm	0.0 % 0.0 %
UH	100° -- 180°	0.0 lm	0.0 % 0.0 %
TOTALS		6824.1 lm	100.0 % 100.0 %
BUG B1 U0 G1 Type III Short Asymmetrical			

Luminaire			Measurem.			Lamp	
Code	UMC-20001-T4-W40		Code	LIGMAN		Code	ITLC023340
Name	Macaron 1 post top luminaires		Name	Macaron 1 post top luminaires		Number	3
Line	lesna 2002 Absolute		Date	14-09-2017		Position	
Luminaire Flux	6824.10 lm	Luminaire Power	80.90 W	Efficacy	84.35 lm/W	Efficiency	100.00%
Lamps Flux	6824.10 lm	Maximum value	605.88 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

