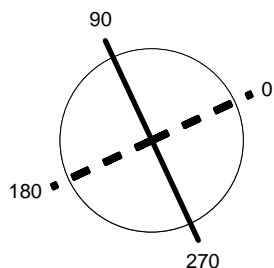


Luminaire		Measurem.		Lamp	
Code	UMC-20011-T3-W40 (US-1804)	Code	LIGMAN	Code	MC-20011-T3-W40
Name	Macaron Post top LED	Name	Macaron Post top LED	Number	1
Line	Iesna 2002 Absolute	Date	21-02-2018	Position	
Luminaire Flux	11434.54 lm	Luminaire Power	143.00 W	Efficacy	79.96 lm/W
Lamps Flux	11434.54 lm	Maximum value	703.36 cd/klm	Position	C=160.00 G=70.00
				CG	Asymmetrical
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	Asymmetrical		
Date	21-02-2018	Maximum Gamma Angle	180		
Measurement Distance	0.00	Measurement Flux	11434.54 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
	MC-20011-T3-W40	MC-20011-T3-W40 143 W 11434.5 lm	11434.54	143.00	1
C.I.E.	34 71 96 100 100	D DIN 5040	A20		
F UTE	1.00 G	B NBN	BZ 6 / 1.5 / BZ 5		

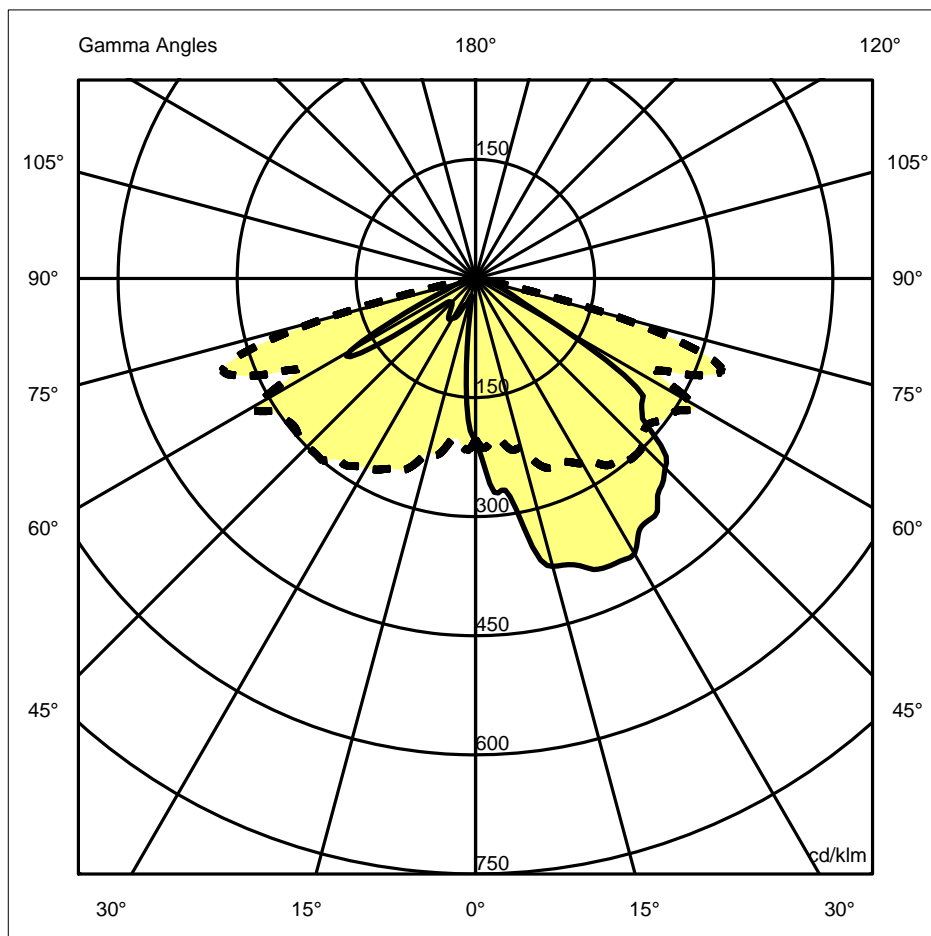
Diam=520mm



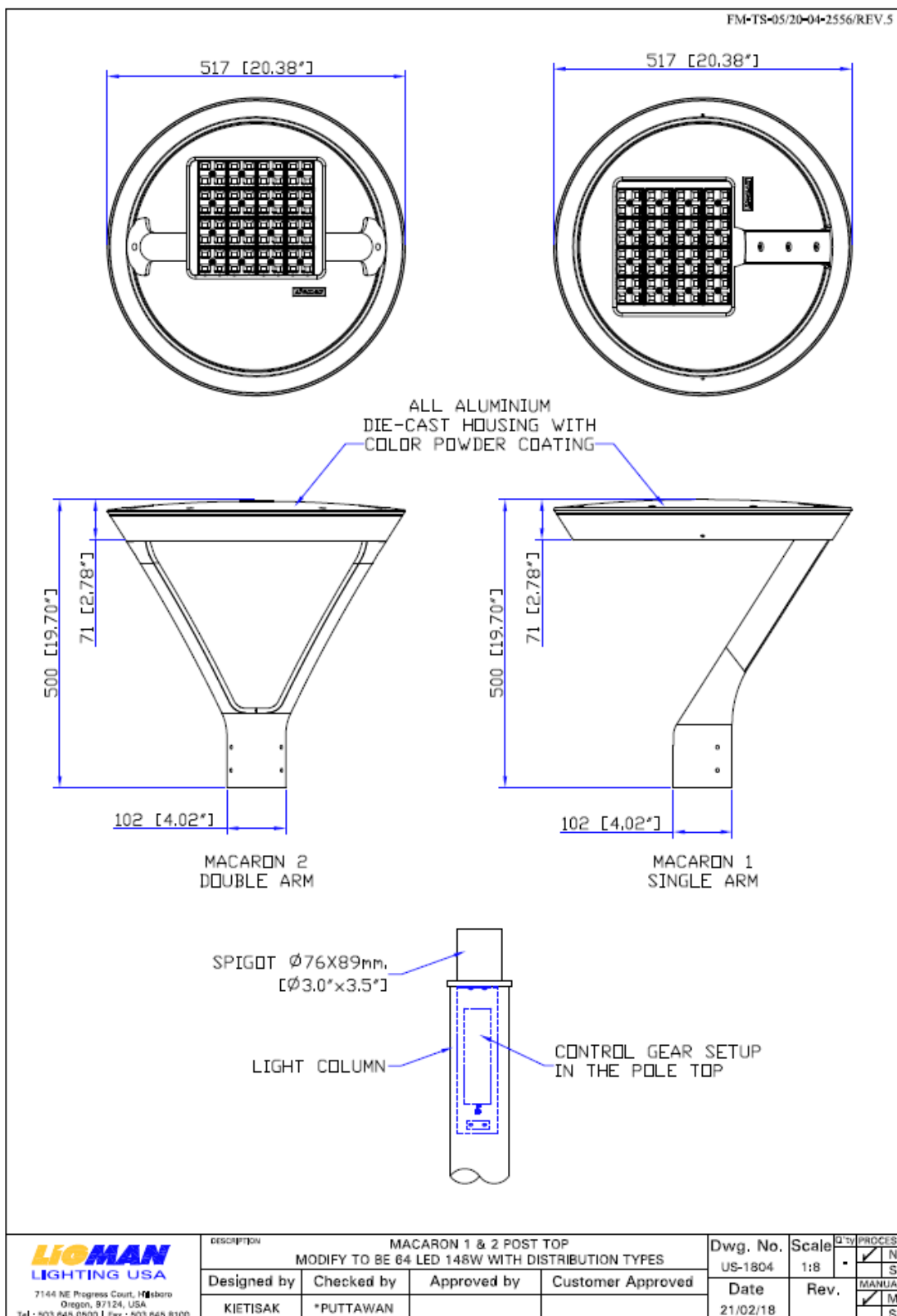
C Halfplanes

180.0 --- 0.0
270.0 --- 90.0

ULOR 0.00 %
DLOR 100.00 %
RN 0.00 %



Luminaire		Measur.		Lamp		
Code	UMC-20011-T3-W40 (US-1804)	Code	LIGMAN	Code	MC-20011-T3-W40	
Name	Macaron Post top LED	Name	Macaron Post top LED	Number	1	
Line	lesna 2002 Absolute	Date	21-02-2018	Position		
Luminaire Flux	11434.54 lm	Luminaire Power	143.00 W	Efficacy	79.96 lm/W	Efficiency 100.00%
Lamps Flux	11434.54 lm	Maximum value	703.36 cd/klm	Position	C=160.00 G=70.00	CG Asymmetrical

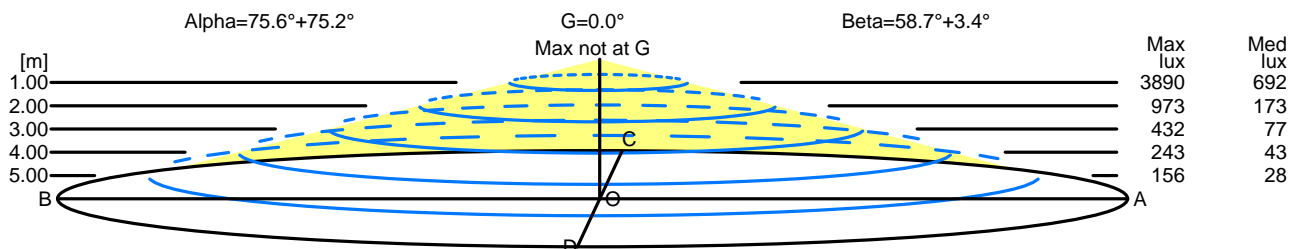


Luminaire		Measur.		Lamp			
Code	UMC-20011-T3-W40 (US-1804)	Code	LIGMAN	Code	MC-20011-T3-W40		
Name	Macaron Post top LED	Name	Macaron Post top LED	Number	1		
Line	lesna 2002 Absolute	Date	21-02-2018	Position			
Luminaire Flux	11434.54 lm	Luminaire Power	143.00 W	Efficacy	79.96 lm/W	Efficiency	100.00%
Lamps Flux	11434.54 lm	Maximum value	703.36 cd/klm	Position	C=160.00 G=70.00	CG	Asymmetrical

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	3.78	7.56	11.35	15.13	18.91	OC	1.64	3.29	4.93	6.58	8.22
OB	3.88	7.77	11.65	15.53	19.41	OD	0.06	0.12	0.18	0.24	0.30

	0	5	15	25	35	45	55	65	75	85
OA	2318.40	2379.00	2530.00	2922.10	3288.70	3405.70	3428.70	3242.50	2054.20	0.00
OB	2318.40	2387.20	2598.20	3026.30	3279.80	3423.70	3447.80	3248.60	2296.00	0.00
OC	2318.40	3089.60	4291.80	4568.40	4283.40	3859.20	2948.10	634.70	136.50	0.00
OD	2318.40	1533.30	264.20	556.30	676.60	479.80	1440.30	913.30	216.80	0.00

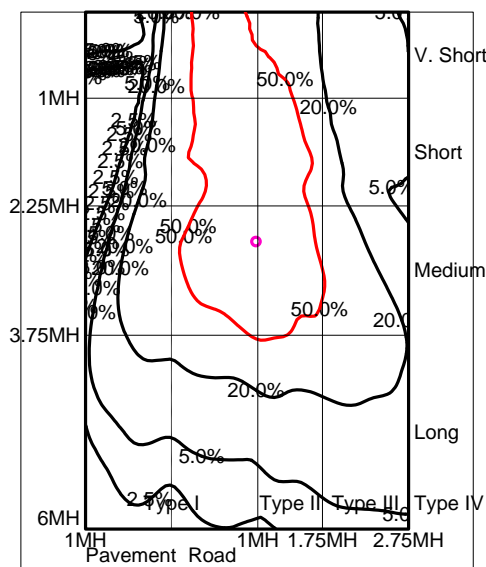
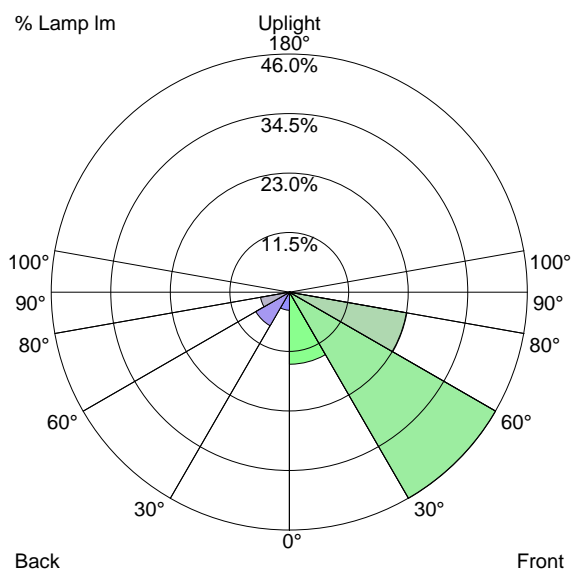


H[m]	D[m]	Max lux	Med lux	Alpha=75.6°+75.2°	G=0.0 Max not at G	
1.00	7.66	3890	692			
2.00	15.33	973	173			
3.00	22.99	432	77			
4.00	30.66	243	43			
5.00	38.32	156	28			

H[m]	D[m]	Max lux	Med lux	Beta=3.4°+58.7°	G=0.0 Max not at G	
1.00	1.70	3890	692			
2.00	3.41	973	173			
3.00	5.11	432	77			
4.00	6.82	243	43			
5.00	8.52	156	28			

Luminaire		Measurem.		Lamp		
Code	UMC-20011-T3-W40 (US-1804)	Code	LIGMAN	Code	MC-20011-T3-W40	
Name	Macaron Post top LED	Name	Macaron Post top LED	Number	1	
Line	Iesna 2002 Absolute	Date	21-02-2018	Position		
Luminaire Flux	11434.54 lm	Luminaire Power	143.00 W	Efficacy	79.96 lm/W	Efficiency 100.00%
Lamps Flux	11434.54 lm	Maximum value	703.36 cd/klm	Position	C=160.00 G=70.00	CG Asymmetrical

US ROAD STANDARDS



Luminaire Classification System (LCS)			
LCS Zone		Lumens	%Lamp
FL	0° -- 30°	1593.4 lm	13.9 %
FM	30° -- 60°	5260.8 lm	46.0 %
FH	60° -- 80°	2634.8 lm	23.0 %
FVH	80° -- 90°	29.5 lm	0.3 %
BL	0° -- 30°	399.3 lm	3.5 %
BM	30° -- 60°	857.4 lm	7.5 %
BH	60° -- 80°	648.4 lm	5.7 %
BVH	80° -- 90°	11.0 lm	0.1 %
UL	90° -- 100°	0.0 lm	0.0 %
UH	100° -- 180°	0.0 lm	0.0 %
TOTALS		11434.5 lm	100.0 %
BUG B2 U0 G2 Type III Medium Asymmetrical			