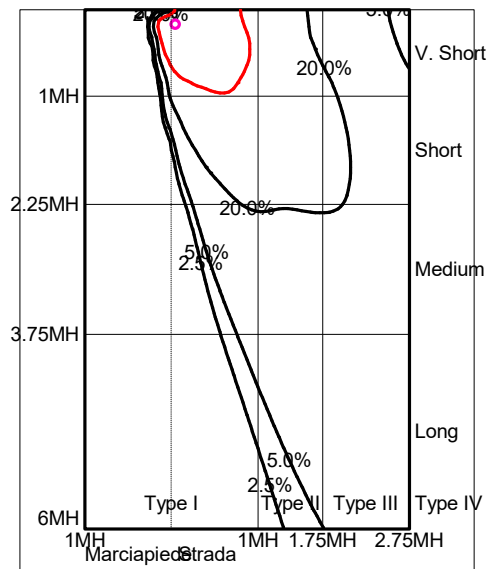
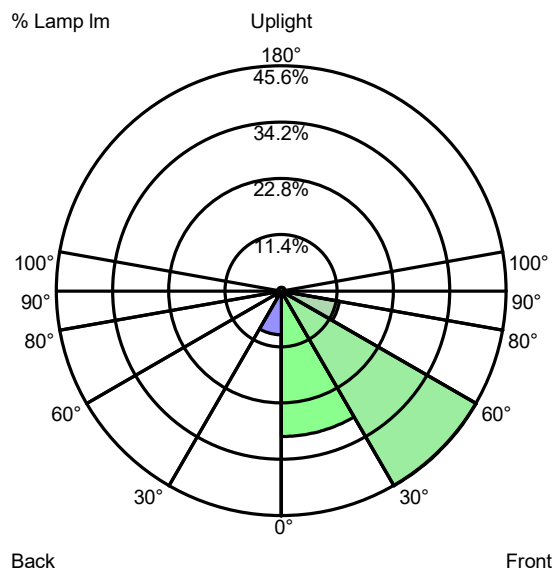


<b>Luminaire</b>			<b>Measur.</b>			<b>Source</b>	
Code	64265N00		Code	LL_20200624_01_5+		Code	LED-MHB001-BN
Name	Apache Bollards 7W DC		Name	Apache Bollards 7W DC		Number	1
Line	Eulumat		Date	26-06-2020		Position	
Luminaire Flux	486 lm	Luminaire Power	8.0 W	Efficacy	60.789 lm/W	Efficiency	100.00%
Source Flux	486 lm	Maximum value	888.22 cd/klm	Position	C=195.00 G=10.00	CG	Asymmetrical

#### US ROAD STANDARDS



Luminaire Classification System (LCS)				
LCS Zone		Lumens	%Lamp	%Lum
FL	0° -- 30°	143.5 lm	29.5 %	29.5 %
FM	30° -- 60°	221.9 lm	45.6 %	45.6 %
FH	60° -- 80°	58.1 lm	11.9 %	11.9 %
FVH	80° -- 90°	6.7 lm	1.4 %	1.4 %
BL	0° -- 30°	43.2 lm	8.9 %	8.9 %
BM	30° -- 60°	7.5 lm	1.5 %	1.5 %
BH	60° -- 80°	0.3 lm	0.1 %	0.1 %
BVH	80° -- 90°	0.1 lm	0.0 %	0.0 %
UL	90° -- 100°	1.3 lm	0.3 %	0.3 %
UH	100° -- 180°	3.7 lm	0.8 %	0.8 %
TOTALS		486.3 lm	100.0 %	100.0 %
BUG B0 U1 G0 Type I Very Short Asymmetrical				