

Luminaire

Code T086208
Name OBLIQUE LED BOLLARD H450 14W 3000K ANTRACITE UL

Measur.

Code FTS1700232
Name OBLIQUE LED BOLLARD H450 14W 3000K ANTRACITE UL

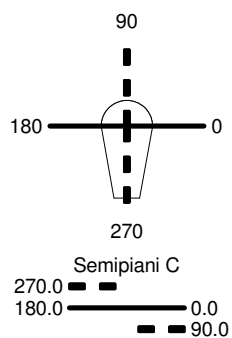
Luminaire Flux	645.40 lm	Luminaire Power	15.00 W	Efficacy	43.03 lm/W	Efficiency	100.00%
Lamps Flux	645.40 lm	Maximum value	1476.36 cd/klm	Position	C=270.00 G=71.00	CG Sym. on planes 270-90	
Round Luminaire		Diam.	100 mm	Height	160 mm		
Round Luminous Area		Diam.	80 mm	Height	0 mm		
Horizontal Luminous Area		0.005027 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°	0.001216 m2		
Coordinate system		CG Roads		Symmetry Type	Sym. on planes 270-90		
Date		05-05-2016		Maximum Gamma Angle	180		
Measurement Distance		0.00		Measurement Flux	645.40 lm		

LED Flux=1192,992lm LED Power=15W Eff=54% EfcLed=80lm/W EfcLum=43,03lm/W Ra=90 SDCM=3 L70(6K)=50000h

C.I.E. 4 23 68 87 100

D DIN 5040

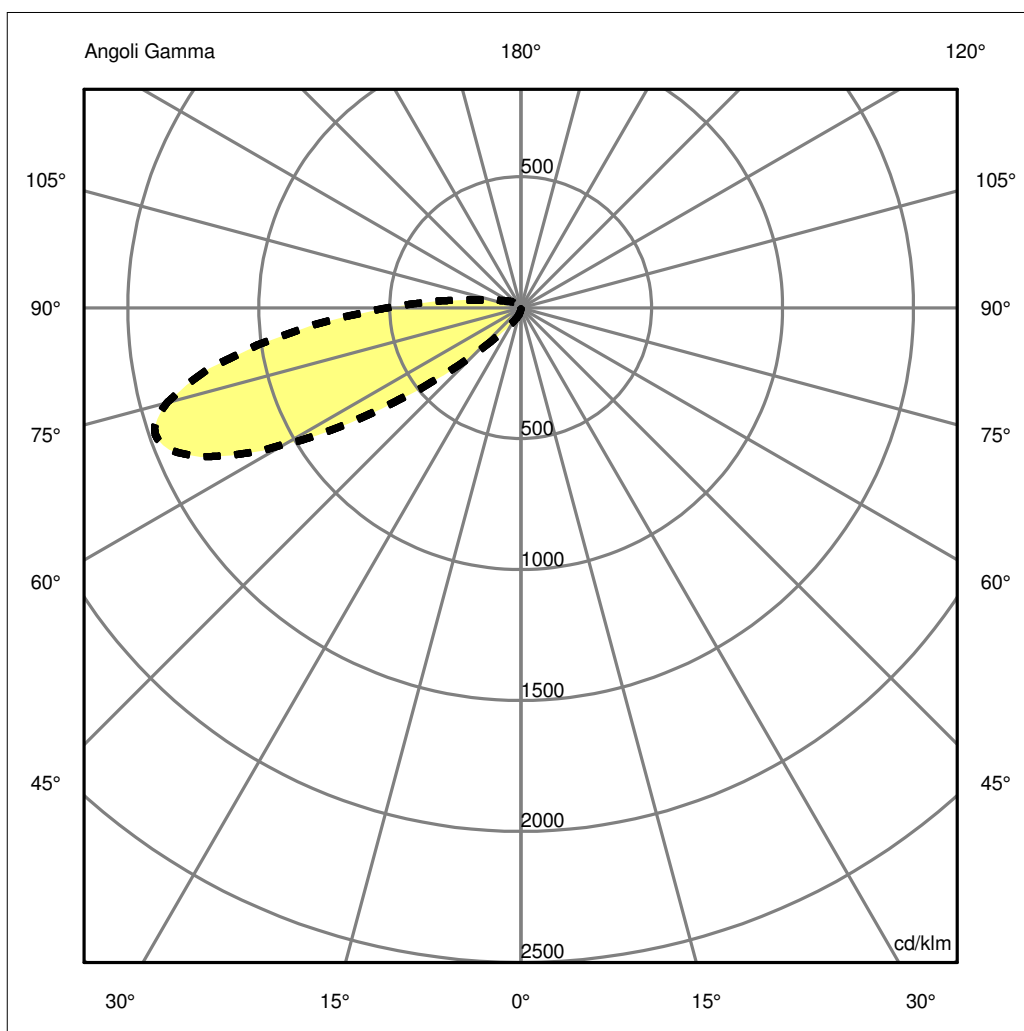
B11



ULOR 12.87 %

DLOR 87.13 %

RN 12.87 %



Luminaire							
Code	T086208						
Name	OBLIQUE LED BOLLARD H450 14W 3000K ANTRACITE UL						
Measur.							
Code	FTS1700232						
Name	OBLIQUE LED BOLLARD H450 14W 3000K ANTRACITE UL						
Luminaire Flux	645.40 lm	Luminaire Power	15.00 W	Efficacy	43.03 lm/W	Efficiency	100.00%
Lamps Flux	645.40 lm	Maximum value	1476.36 cd/klm	Position	C=270.00 G=71.00	CG Sym. on planes 270-90	
Round Luminaire		Diam.	100 mm	Height	160 mm		
Round Luminous Area		Diam.	80 mm	Height	0 mm		
Horizontal Luminous Area		0.005027 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°		0.001216 m2	
Coordinate system		CG Roads		Symmetry Type		Sym. on planes 270-90	
Date		05-05-2016		Maximum Gamma Angle		180	
Measurement Distance		0.00		Measurement Flux		645.40 lm	
LED Flux=1192,992lm LED Power=15W Eff=54% EfcLed=80lm/W EfcLum=43,03lm/W Ra=90 SDCM=3 L70(6K)=50000h							
C.I.E.	4 23 68 87 100			D DIN 5040		B11	

Could not find 90270 left beam angle•gamma0180=0

Could not find 90270 left beam angle•gamma0180=0

Could not find 90270 left beam angle•gamma0180=0

Luminaire

Code T086208
Name OBLIQUE LED BOLLARD H450 14W 3000K ANTRACITE UL

Measurement

Code FTS1700232
Name OBLIQUE LED BOLLARD H450 14W 3000K ANTRACITE UL

Luminaire Flux	645.40 lm	Luminaire Power	15.00 W	Efficacy	43.03 lm/W	Efficiency	100.00%
Lamps Flux	645.40 lm	Maximum value	1476.36 cd/klm	Position	C=270.00 G=71.00	CG Sym. on planes	270-90

UGR
S = 0.250

Reflectancies										
Ceiling/Cavity	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Walls	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
WorkingPlane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
RoomDimensions	ViewedCrosswise					ViewedEndwise				
x=2H y=2H	13.4	15.2	13.9	15.7	38.3	35.5	37.3	36.0	37.8	38.3
x=2H y=3H	13.8	15.4	14.3	16.0	44.3	41.5	43.1	42.0	43.7	44.3
x=2H y=4H	13.8	15.3	14.3	15.9	46.7	43.9	45.5	44.5	46.0	46.7
x=2H y=6H	13.7	15.1	14.2	15.7	48.6	45.9	47.4	46.5	48.0	48.6
x=2H y=8H	13.6	15.1	14.2	15.6	49.5	46.8	48.2	47.4	48.8	49.5
x=2H y=12H	13.6	14.9	14.1	15.5	50.2	47.6	49.0	48.2	49.6	50.2
x=4H y=2H	25.1	26.6	25.6	27.2	38.3	35.6	37.1	36.1	37.7	38.3
x=4H y=3H	25.5	26.8	26.0	27.4	44.5	41.8	43.2	42.4	43.8	44.5
x=4H y=4H	25.5	26.8	26.1	27.4	47.1	44.5	45.8	45.1	46.4	47.1
x=4H y=6H	25.4	26.6	26.0	27.2	49.4	46.9	48.0	47.5	48.7	49.4
x=4H y=8H	25.4	26.5	26.0	27.1	50.4	47.9	49.0	48.6	49.7	50.4
x=4H y=12H	25.3	26.3	26.0	27.0	51.3	48.9	49.9	49.6	50.6	51.3
x=8H y=4H	32.0	33.1	32.6	33.7	47.0	44.5	45.6	45.2	46.3	47.0
x=8H y=6H	32.1	33.0	32.8	33.7	49.5	47.1	48.1	47.8	48.7	49.5
x=8H y=8H	32.1	32.9	32.8	33.6	50.7	48.4	49.3	49.1	49.9	50.7
x=8H y=12H	32.1	32.8	32.8	33.5	51.9	49.7	50.5	50.4	51.1	51.9
x=12H y=4H	33.8	34.8	34.5	35.5	46.9	44.5	45.5	45.2	46.2	46.9
x=12H y=6H	34.3	35.1	35.0	35.8	49.4	47.2	48.0	47.8	48.7	49.4
x=12H y=8H	34.4	35.1	35.1	35.8	50.7	48.5	49.2	49.2	49.9	50.7