

05-5306-14-21

V0

Drone Single Wall fixture

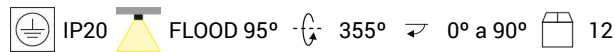
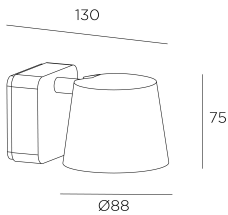
Designer: Manel Llusca



Description

Wall fixture Drone Single LED 7W 2700K White 350lm

	Finish	Material
Structure	White	Aluminium
Diffuser	Chrome	Aluminium



TECHNICAL CHARACTERISTICS

Light source

Light source: LED CREE
 Light source power (W): 7W
 Luminaire total power (W): 8.6W
 Color temperature: LED warm-white 2700K
 CRI: 80
 Photobiological risk: RG1
 Real Lumen: 350
 Qty Leds: 1
 Lm/Real W: 41
 Life Time: 50.000h L80B20
 Bin / Grup: 27H
 MacAdam steps: 2
 UGR: 20.0
 Luminance C0°65°: 2166.5
 Luminance 90°65°: 1882.5

GEAR

Brand: HEP
 Gear included: Yes, electronic
 Voltage / Frequency:
 100-240V/50-60Hz
 Power Factor: 0.40
 Dimming protocol: ON-OFF

Luminaire

Warranty: 5 Years

Logistics

Energy Efficiency: LED A++
 EAN Code: 8435381444938

Reference	Quantity	Volume (m3)	Weight Kg (packed)
71-5306-14-14	1.00	0.0040	0.580
71-5444-21-21	1.00		

The photograph may not match the reference exactly. Please read the product description to identify the finish.

Luminaire

Code 05-5306-14-21
 Name Projector led 7W 2700K

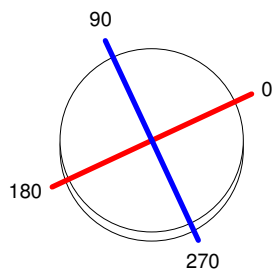
Measurerm.

Code 71-5306-14-14
 Name Projector led 7W 2700K

Luminaire Flux	350.29 lm	Luminaire Power	8.00 W	Efficacy	43.79 lm/W	Efficiency	100.00%
Lamps Flux	350.30 lm	Maximum value	177.18 cd	Position	C=0.00 G=0.00	CG	Double Symmetrical
Round Luminaire Round Luminous Area		Diam.	90 mm	Height	130 mm		
		Diam.	87 mm	Height	0 mm		
Horizontal Luminous Area	0.005945 m2	Emitting area on Plane 180°	0.000000 m2	Emitting area on Plane 270°	0.000000 m2	Glare area at 76°	0.001438 m2
Emitting area on Plane 0°	0.000000 m2						
Emitting area on Plane 90°	0.000000 m2						
Coordinate system	CG	Symmetry Type	Double Symmetrical				
Date	17-03-2016	Maximum Gamma Angle	90				
Measurement Distance	0.00	Measurement Flux	350.30 lm				
Operator	Asselum T3	Source voltage					
Temperature	25.00 °C	Source current					
Humidity	60.00 %	Photocell					
Notes							

Line		Code	Luminaire Lamps		Flux [lm]	Pow. [W]	Q.ty
		71-5306-14-14	Name 71-5306-14-14 - 8.00 W		350.30	8.00	1
C.I.E.	70 98 100 100 100		D DIN 5040		A50		
F UTE	1.00 B		B NBN		BZ 2		

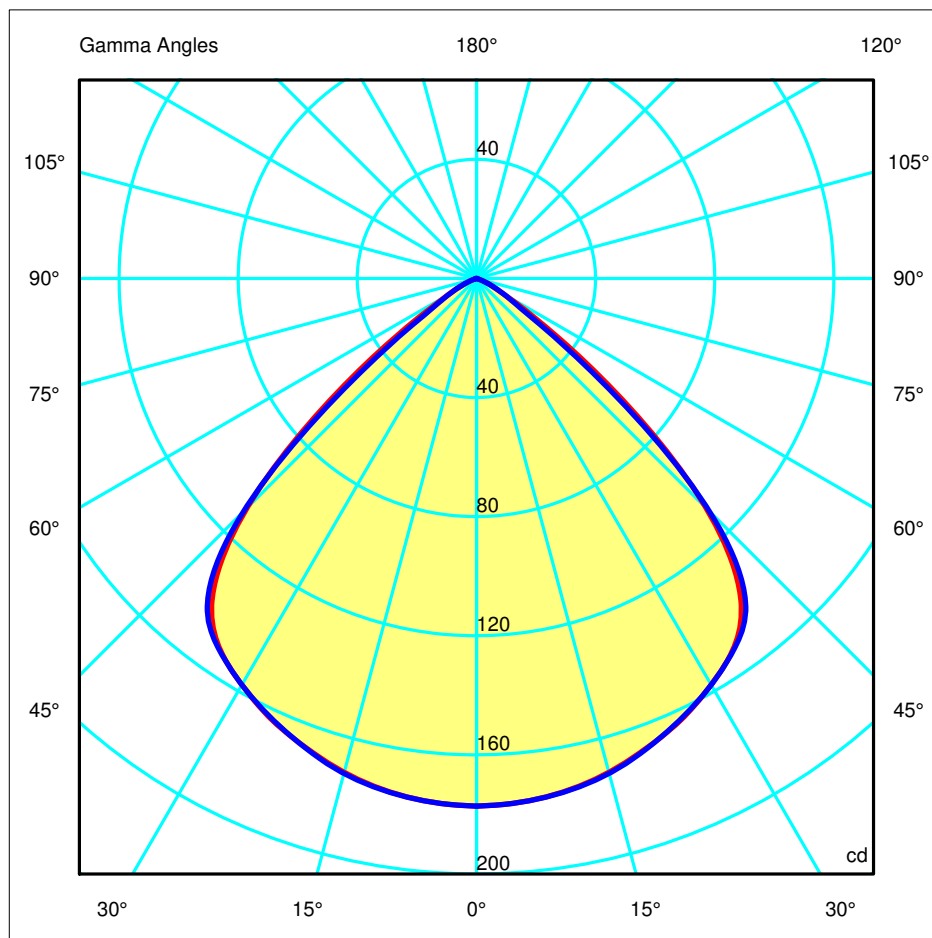
Diam=90mm



C Halfplanes

180.0 — 0.0
 270.0 — 90.0

ULOR 0.00 %
 DLOR 100.00 %
 RN 0.00 %



Luminaire

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Measur.

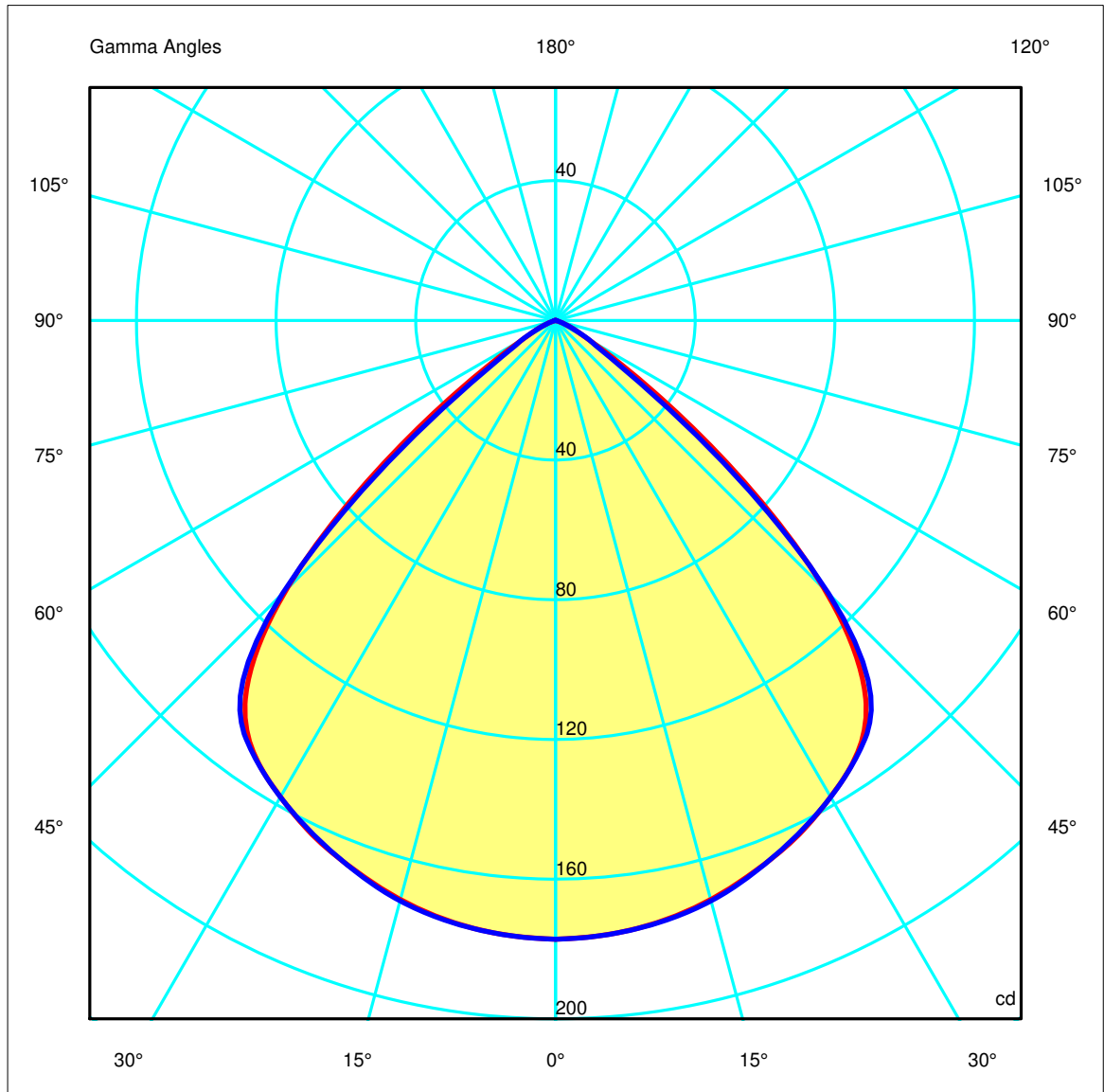
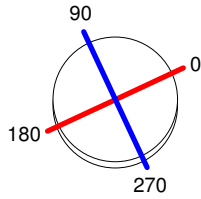
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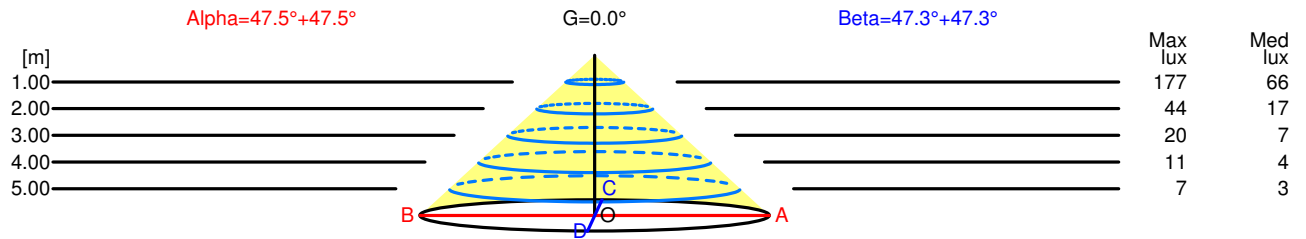
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Width at 50.00 % of Max Intensity

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	1.09	2.18	3.27	4.36	5.45	OC	1.08	2.16	3.25	4.33	5.41
OB	1.09	2.18	3.27	4.36	5.45	OD	1.08	2.16	3.25	4.33	5.41

	Luminous Intensities [cd]									
	0	5	15	25	35	45	55	65	75	85
OA	177.18	176.45	171.68	163.22	150.87	108.91	28.85	5.44	0.16	0.22
OB	177.18	176.45	171.68	163.22	150.87	108.91	28.85	5.44	0.16	0.22
OC	177.18	176.49	172.08	162.94	151.27	110.55	21.59	4.73	0.16	0.24
OD	177.18	176.49	172.08	162.94	151.27	110.55	21.59	4.73	0.16	0.24



H[m]	D[m]	Max lux	Med lux	Alpha=47.5°+47.5°	G=0.0	
1.00	2.18	177	66			
2.00	4.36	44	17			
3.00	6.54	20	7			
4.00	8.72	11	4			
5.00	10.90	7	3			

H[m]	D[m]	Max lux	Med lux	Beta=47.3°+47.3°	G=0.0	
1.00	2.16	177	66			
2.00	4.33	44	17			
3.00	6.49	20	7			
4.00	8.66	11	4			
5.00	10.82	7	3			

Luminaire

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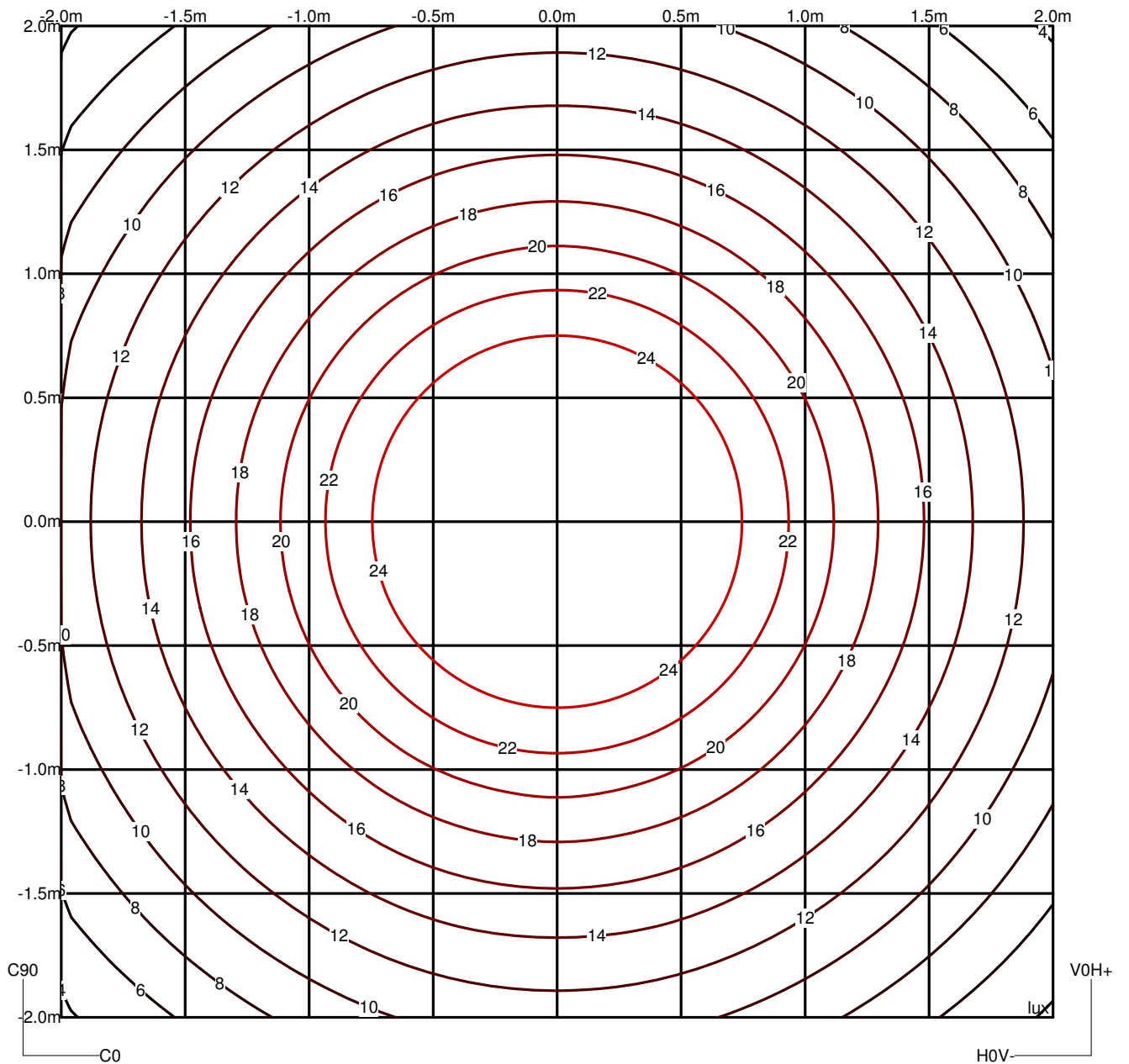
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Isolux (Floor)

Luminaire position X=0.00m Y=0.00m Z=2.50m



Luminaire

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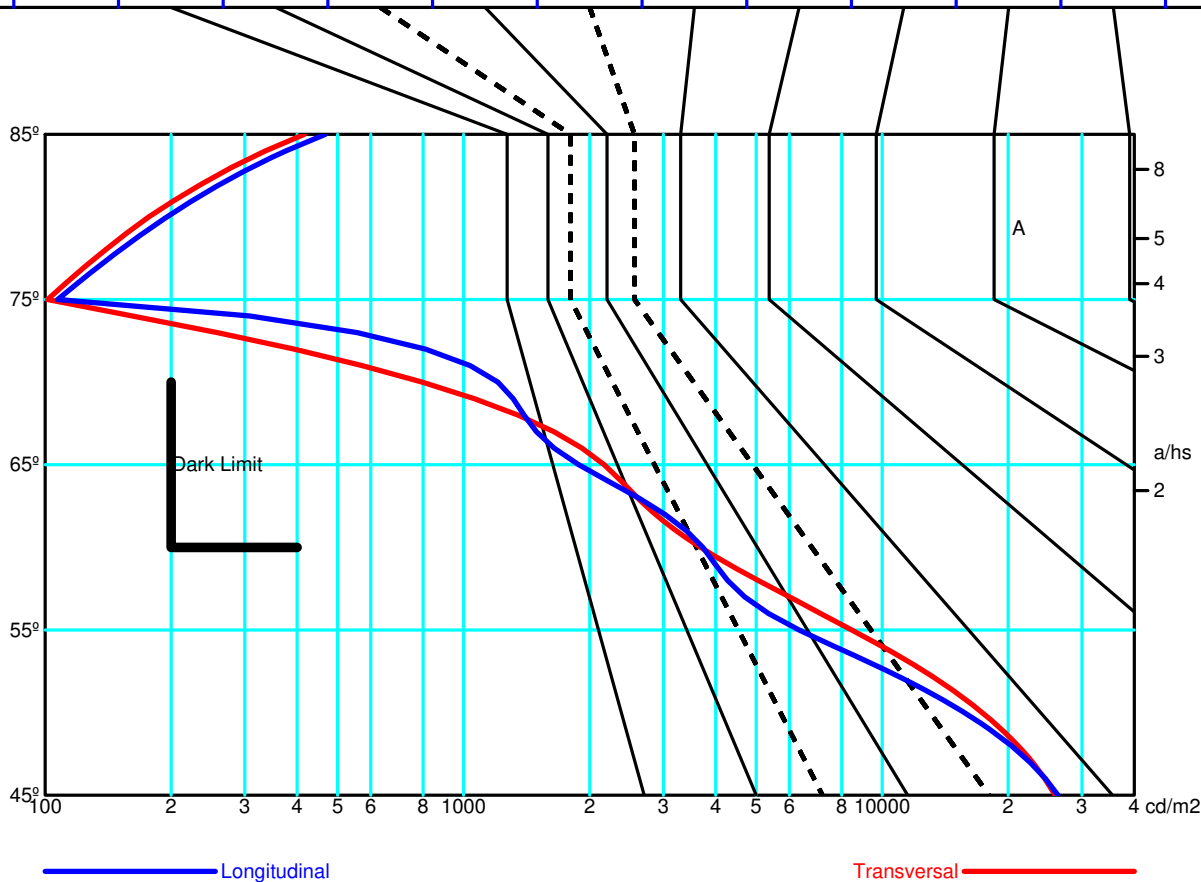
Measurement

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		Average Luminance [cd/m ²]									
		45°	50°	55°	60°	65°	70°	75°	80°	85°	
0.0°	25908	17330	8461	3683	2166	796	101	177	416	---	
90.0°	26299	15704	6332	3729	1882	1207	107	195	467	---	

Flush mounted or longitudinal view												
		Illumination(lx)										
A	A	2000	1000	750	500		<300					1.15
B	1		2000	1500	1000	750	500	<300				1.5
C					2000		1000	500	<300			1.85
D	2						2000	1000	500	<300		2.2
E	3							2000	1000	500	<300	2.55



Luminaire

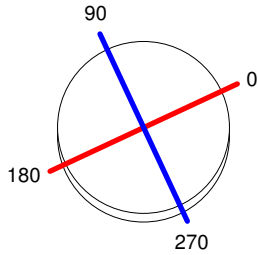
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Measur.

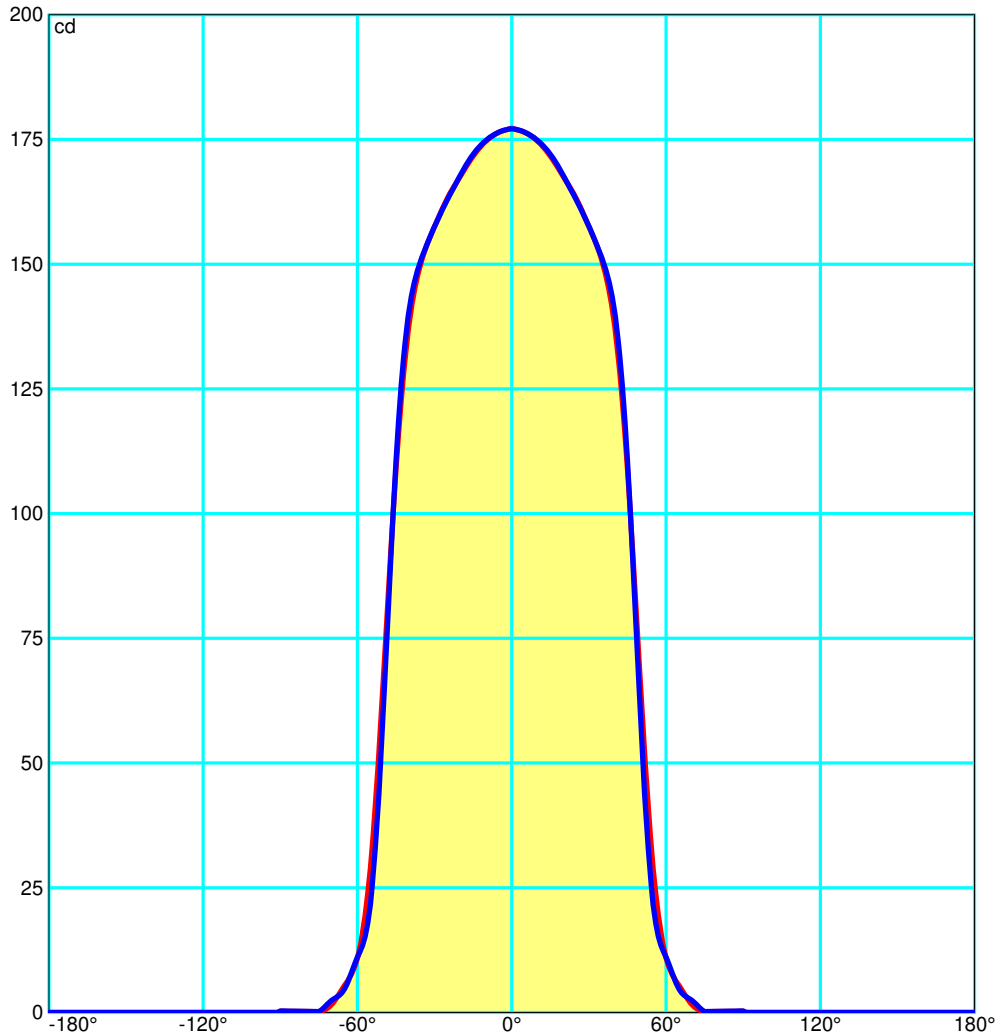
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Lamps Flux	350.30 lm	Maximum value	177.18 cd	Position	C=0.00 G=0.00	CG	Double Symmetrical

Diam=90mm



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



Luminaire

 Code 05-5306-14-21
 Name Proyector led 7W 2700K

Measurement

 Code 71-5306-14-14
 Name Proyector led 7W 2700K

Luminaire Flux	350.29 lm	Luminaire Power	8.00 W	Efficacy	43.79 lm/W	Efficiency	100.00%
Lamps Flux	350.30 lm	Maximum value	177.18 cd	Position	C=0.00 G=0.00	CG	Double Symmetrical

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	20.4	21.4	20.7	21.7	21.7	20.3	21.3	20.6	21.5	21.7
x=2H y=3H	20.3	21.2	20.6	21.5	21.6	20.2	21.1	20.5	21.3	21.6
x=2H y=4H	20.3	21.1	20.6	21.3	21.5	20.1	20.9	20.4	21.2	21.5
x=2H y=6H	20.2	20.9	20.5	21.2	21.4	20.1	20.8	20.4	21.1	21.4
x=2H y=8H	20.2	20.9	20.5	21.2	21.3	20.0	20.7	20.4	21.0	21.3
x=2H y=12H	20.1	20.8	20.5	21.1	21.3	20.0	20.7	20.3	21.0	21.3
x=4H y=2H	20.3	21.1	20.6	21.4	21.5	20.2	21.0	20.5	21.3	21.5
x=4H y=3H	20.2	20.9	20.6	21.2	21.4	20.1	20.8	20.4	21.1	21.4
x=4H y=4H	20.1	20.7	20.5	21.1	21.3	20.0	20.6	20.4	20.9	21.3
x=4H y=6H	20.1	20.6	20.5	20.9	21.2	19.9	20.4	20.4	20.8	21.2
x=4H y=8H	20.0	20.5	20.4	20.9	21.2	19.9	20.4	20.3	20.8	21.2
x=4H y=12H	20.0	20.4	20.4	20.8	21.1	19.9	20.3	20.3	20.7	21.1
x=8H y=4H	20.0	20.5	20.4	20.9	21.2	19.9	20.4	20.3	20.8	21.2
x=8H y=6H	19.9	20.3	20.4	20.7	21.1	19.8	20.2	20.3	20.6	21.1
x=8H y=8H	19.9	20.2	20.4	20.7	21.0	19.8	20.1	20.2	20.5	21.0
x=8H y=12H	19.9	20.1	20.3	20.6	21.0	19.7	20.0	20.2	20.5	21.0
x=12H y=4H	20.0	20.4	20.4	20.8	21.1	19.9	20.3	20.3	20.7	21.1
x=12H y=6H	19.9	20.2	20.4	20.7	21.0	19.8	20.1	20.2	20.5	21.0
x=12H y=8H	19.9	20.1	20.3	20.6	21.0	19.7	20.0	20.2	20.5	21.0

Luminaire

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Measurum.

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Lamps Flux	350.30 lm	Maximum value	177.18 cd	Position	C=0.00 G=0.00	CG	Double Symmetrical

Total Flux=350.30 Luminaire Flux=350.29

RI	0.60	0.80	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00	10.00	20.00
DRR	0.47	0.56	0.64	0.71	0.75	0.82	0.86	0.89	0.92	0.93	0.96	0.97
RC	2	2	2	1	1	1	1	1	1	1	2	2

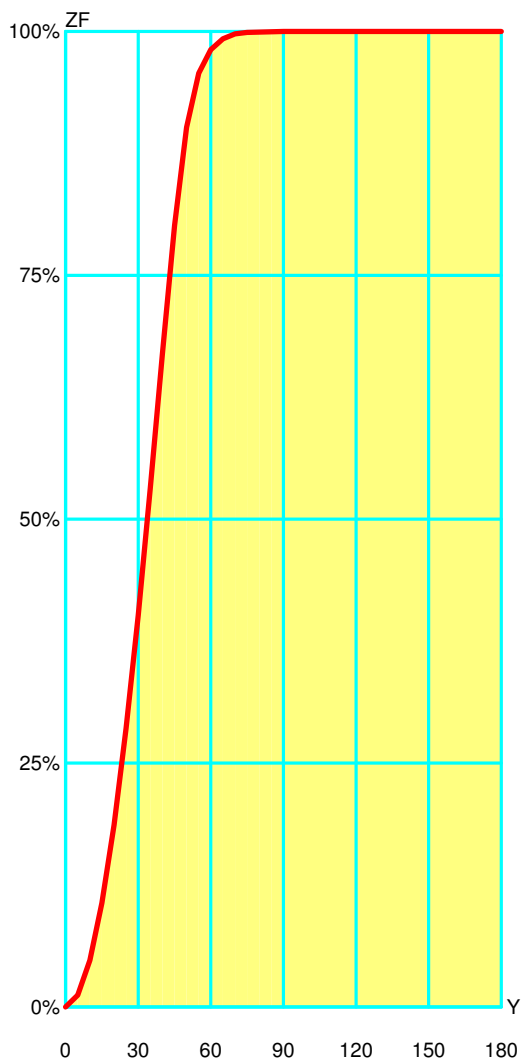
Zonal Flux per 1000 Lumen

Y°	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180
ZF(Y)	48	187	402	669	902	981	998	999	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000

CIE Flux Codes

70 98 100 100 100

C.I.E.	2/2/2/1/1/1/1/1/1/2/2	LOR	99.99771 %
D DIN 5040	A50	ULOR	0.00000 %
F UTE	1.00 B	DLOR	99.99771 %
B NBN	BZ 2	UFF	0.00000 %
RN	0.00000 %	DFF	100.00000 %
BLF	1.0	FFR	0.00000 %



Gamma °	Zonal Flux			
	Flux	Sum lm	Flux [%]	Sum [%]
0°	0.00	0.00	0.00%	0.00 %
5°	12.07	12.07	1.21 %	1.21 %
10°	35.87	47.94	3.59 %	4.79 %
15°	58.70	106.64	5.87 %	10.66 %
20°	79.93	186.58	7.99 %	18.66 %
25°	99.07	285.65	9.91 %	28.57 %
30°	115.87	401.52	11.59 %	40.15 %
35°	129.82	531.35	12.98 %	53.14 %
40°	138.14	669.48	13.81 %	66.95 %
45°	131.71	801.20	13.17 %	80.12 %
50°	100.51	901.71	10.05 %	90.17 %
55°	55.48	957.19	5.55 %	95.72 %
60°	24.05	981.24	2.40 %	98.13 %
65°	11.23	992.47	1.12 %	99.25 %
70°	5.06	997.52	0.51 %	99.75 %
75°	1.50	999.02	0.15 %	99.90 %
80°	0.26	999.28	0.03 %	99.93 %
85°	0.32	999.60	0.03 %	99.96 %
90°	0.38	999.98	0.04 %	100.00 %
95°	0.00	999.98	0.00 %	100.00 %
100°	0.00	999.98	0.00 %	100.00 %
105°	0.00	999.98	0.00 %	100.00 %
110°	0.00	999.98	0.00 %	100.00 %
115°	0.00	999.98	0.00 %	100.00 %
120°	0.00	999.98	0.00 %	100.00 %
125°	0.00	999.98	0.00 %	100.00 %
130°	0.00	999.98	0.00 %	100.00 %
135°	0.00	999.98	0.00 %	100.00 %
140°	0.00	999.98	0.00 %	100.00 %
145°	0.00	999.98	0.00 %	100.00 %
150°	0.00	999.98	0.00 %	100.00 %
155°	0.00	999.98	0.00 %	100.00 %
160°	0.00	999.98	0.00 %	100.00 %
165°	0.00	999.98	0.00 %	100.00 %
170°	0.00	999.98	0.00 %	100.00 %
175°	0.00	999.98	0.00 %	100.00 %
180°	0.00	999.98	0.00 %	100.00 %

Luminaire

Code 05-5306-14-21
 Name Projector led 7W 2700K

Measurerm.

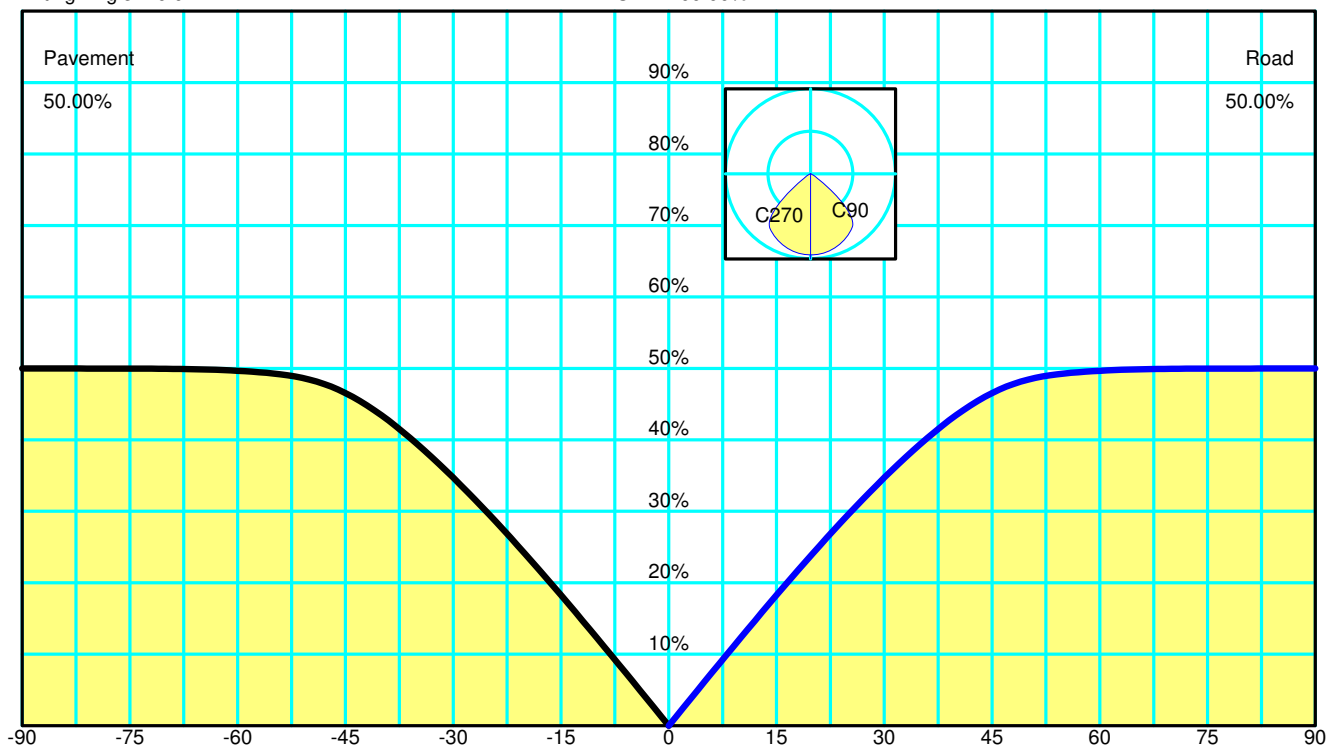
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Lamps Flux	350.30 lm	Maximum value	177.18 cd	Position	C=0.00 G=0.00	CG	Double Symmetrical

Pavement			Road		
Piano	0	0.00%	Piano	0	0.00%
Piano	-5	6.17%	Piano	5	6.17%
Piano	-10	12.28%	Piano	10	12.28%
Piano	-15	18.27%	Piano	15	18.27%
Piano	-20	24.05%	Piano	20	24.05%
Piano	-25	29.55%	Piano	25	29.55%
Piano	-30	34.71%	Piano	30	34.71%
Piano	-35	39.40%	Piano	35	39.40%
Piano	-40	43.44%	Piano	40	43.44%
Piano	-45	46.54%	Piano	45	46.54%
Piano	-50	48.43%	Piano	50	48.43%
Piano	-55	49.28%	Piano	55	49.28%
Piano	-60	49.66%	Piano	60	49.66%
Piano	-65	49.86%	Piano	65	49.86%
Piano	-70	49.94%	Piano	70	49.94%
Piano	-75	49.97%	Piano	75	49.97%
Piano	-80	49.98%	Piano	80	49.98%
Piano	-85	49.99%	Piano	85	49.99%
Piano	-90	50.00%	Piano	90	50.00%

Tilting Angle = 0.0

DLOR = 100.00%



Spread 28.3° Narrow
 Throw 14.2° Short

CIE Cutoff Cutoff - Max: C=0.0° Gamma=0.0°

Iesna Cutoff Cutoff

DIN5044 KB1

IESNA Type V Very Short Quadrilateral Symmetry

DLOR 99.99771 %

ULOR 0.00000 %

Efficiency 99.99771 %

RN 0.00000 %

Luminous Intensity Class G5

Glare Index D6

Luminaire

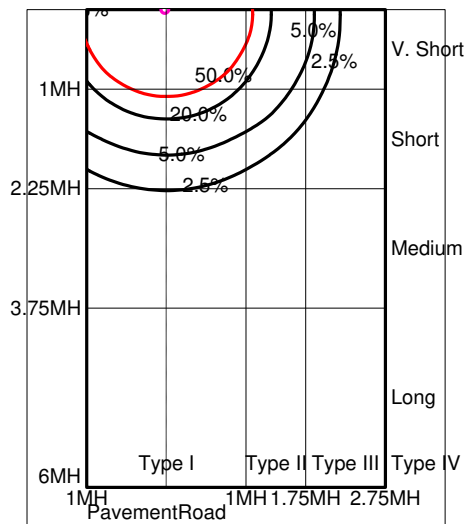
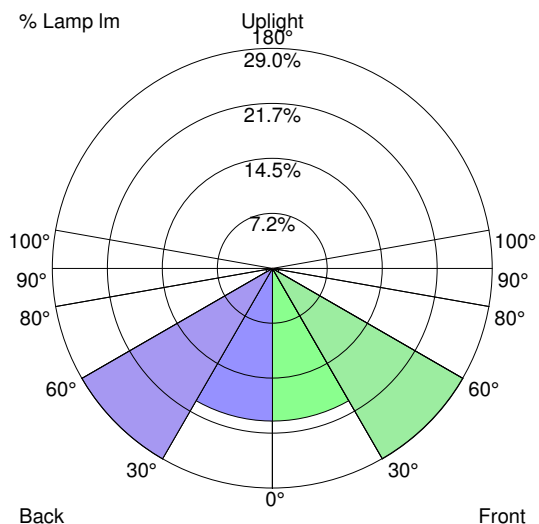
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Measuram.

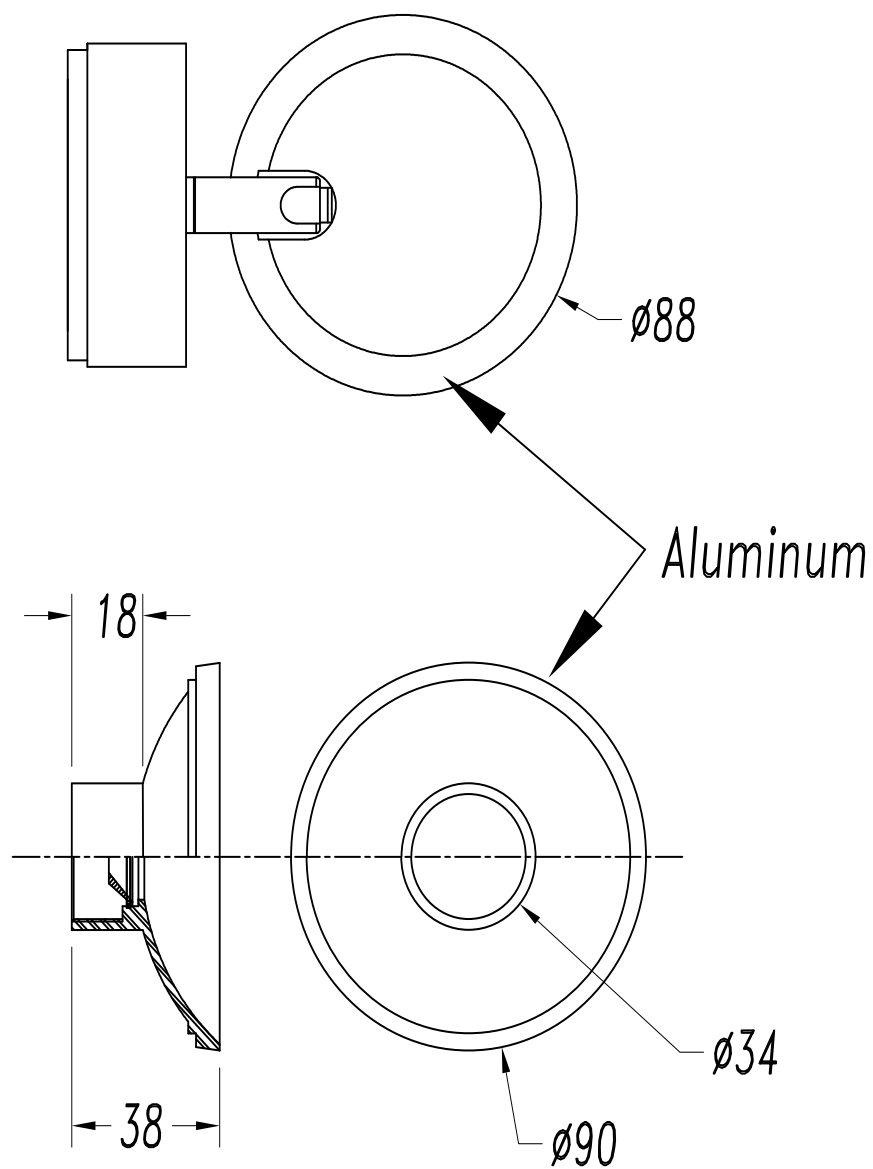
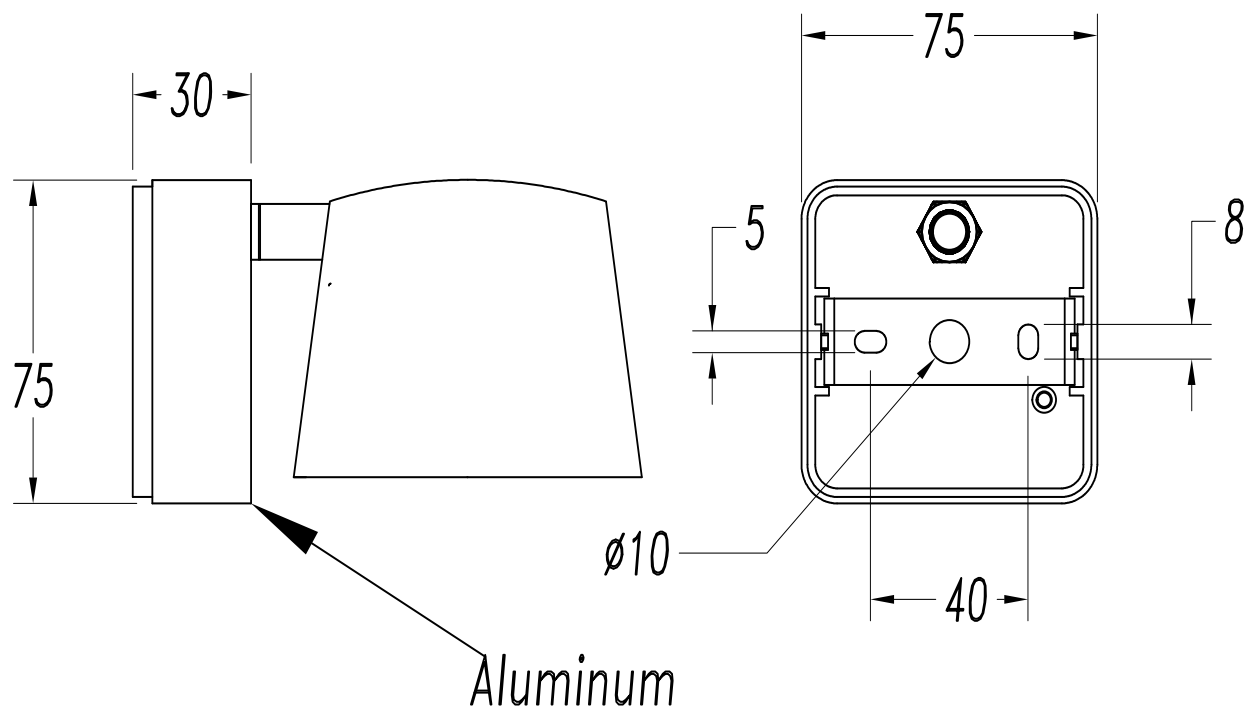
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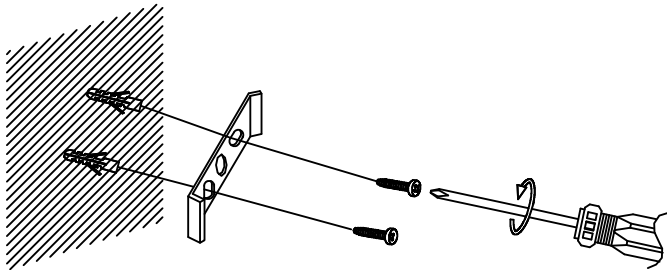
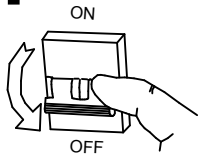
US ROAD STANDARDS



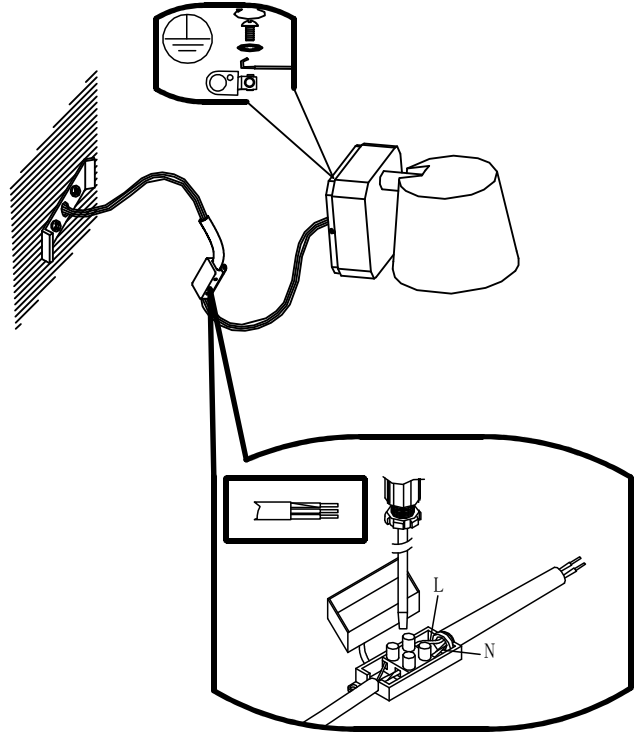
Luminaire Classification System (LCS)			
LCS Zone		Lumens	%Lamp %Lum
FL	0° -- 30°	70.5 lm	20.1 % 20.1 %
FM	30° -- 60°	101.5 lm	29.0 % 29.0 %
FH	60° -- 80°	3.0 lm	0.9 % 0.9 %
FVH	80° -- 90°	0.1 lm	0.0 % 0.0 %
BL	0° -- 30°	70.5 lm	20.1 % 20.1 %
BM	30° -- 60°	101.5 lm	29.0 % 29.0 %
BH	60° -- 80°	3.0 lm	0.9 % 0.9 %
BVH	80° -- 90°	0.1 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		350.3 lm	100.0 % 100.0 %
BUG B0 U0 G0 Type V Very Short Quadrilateral Symmetry			



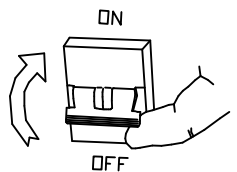
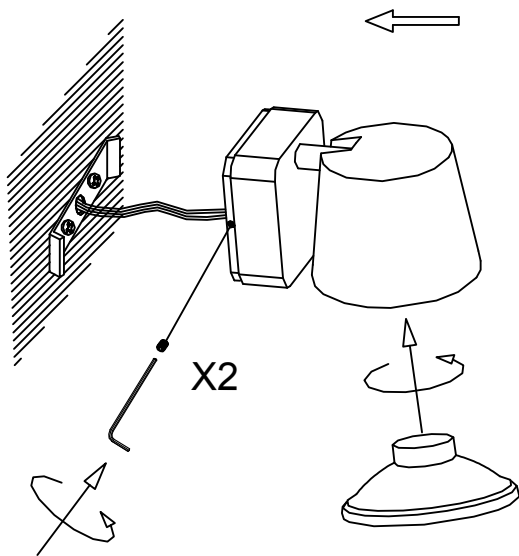
1



2



3



4

