

05-4401-14-B8U

V0

LIA Wall fixture

**Description**

for indoor use.

For uplighting and downlighting. Structure material: Aluminium. Structure finish: White. Blades finishes: NA. Diffuser material: Glass. Diffuser finish: Satin. Warranty: 5 Years.

FinishWhite
Satin
NA**Material**Aluminium
Glass

8 3/4" 4 5/32"

IP44

6

TECHNICAL CHARACTERISTICS**Light source**

Lampholder: 1 x E26
Output (W): MAX 60W
Total power consumption (W): 60
Real Lumen: 362
Quantity: 1
Lm/Real W: 6
UGR: 9.1

Luminaire

Warranty: 5 Years

Logistics

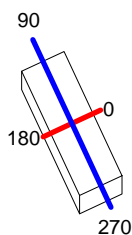
Energy Efficiency: NA
EAN Code: 8435381431846
Net Weight (Lb): 2.34
Weight in Kg (packaged): 1.210
Packing: 230 x 105 x 105
Masterbox: 6

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

Luminaire		Measur.		Lamp		
Code	05-4401	Code	05-4401	Code	11	
Name	wall fixtures	Name	wall fixtures	Number	1	
Line	LIA	Date	11-11-2013	Position		
Efficiency	25.84%	Coordinate system	CG	Total Flux	1400.00 lm	
Maximum value	104.53 cd	Position	C=0.00 G=168.00	Asymmetrical		
Rectangular Luminaire	Length	205 mm	Width	70 mm	Height	82 mm
Rectangular Luminous Area	Length	205 mm	Width	70 mm	Height	82 mm
Horizontal Luminous Area	0.014350 m2	Emitting area on Plane 180°		0.016810 m2		
Emitting area on Plane 0°	0.016810 m2	Emitting area on Plane 270°		0.005740 m2		
Emitting area on Plane 90°	0.005740 m2	Glare area at 76°		0.019782 m2		
Symmetry Type	Asymmetrical	Maximum Gamma Angle		180		
Measurement Distance	0.00	Measurement Flux		1400.00 lm		
Operator		Source voltage				
Temperature	25.00 °C	Source current				
Humidity	60.00 %	Photocell				
Notes						

Line		Code		Luminaire Lamps		Flux [lm]	Pow. [W]	Q.ty
IESNA-1995		11		Name		1400.00	20.10	1
				11 - 20.10 W				
C.I.E.	55 85 97 47 26			D DIN 5040		C42		
F UTE	0.12 D + 0.14 T			B NBN		BZ 3 / 4 / BZ 4		

205mm x 70mm



C Halfplanes

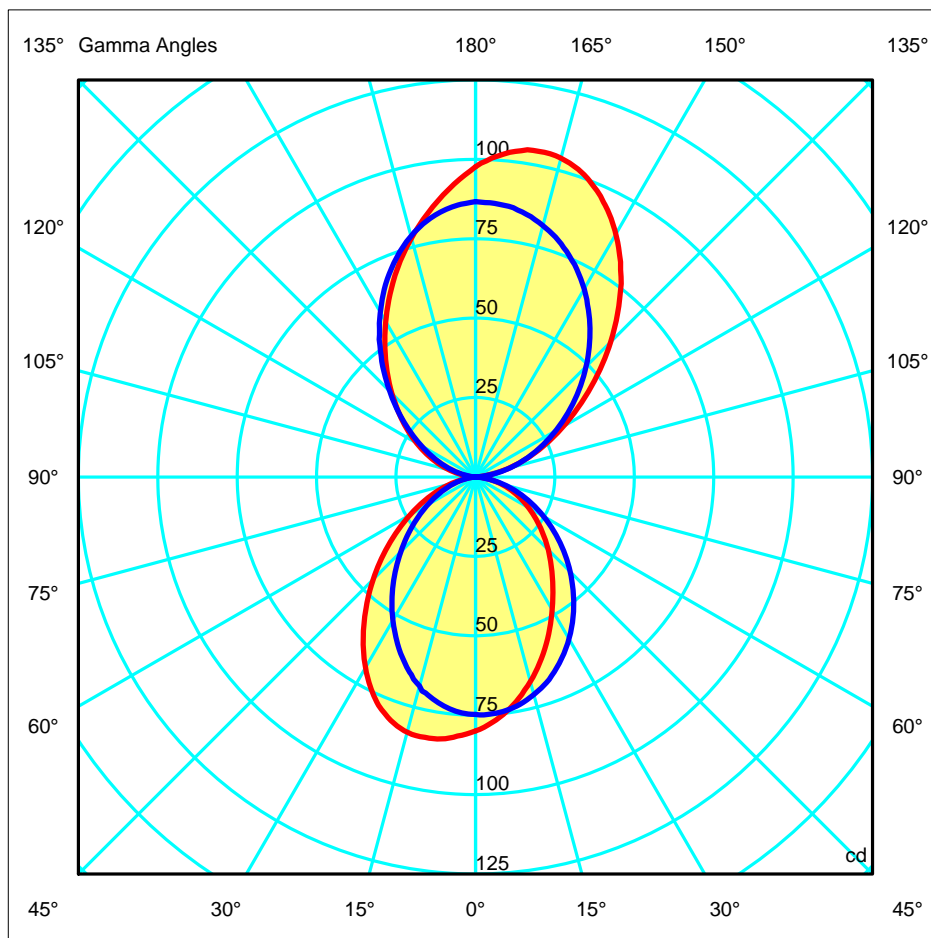
180.0 — 0.0 (Red line)

270.0 — 90.0 (Blue line)

ULOR 13.81 %

DLOR 12.03 %

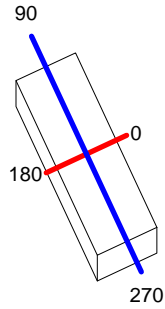
RN 53.44 %



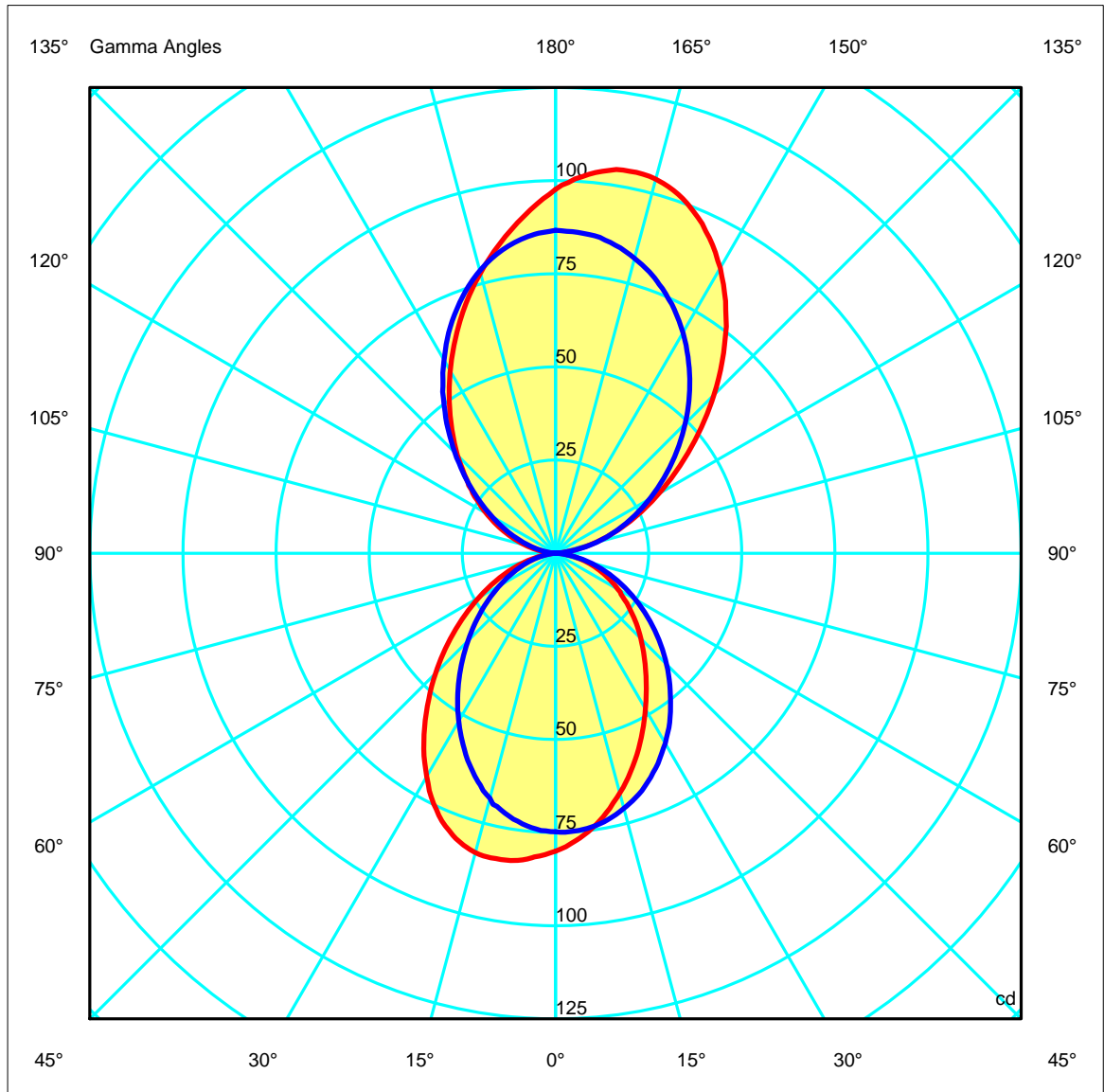
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205mm x 70mm

C Halfplanes



180.0 ——— 0.0
 270.0 ——— 90.0

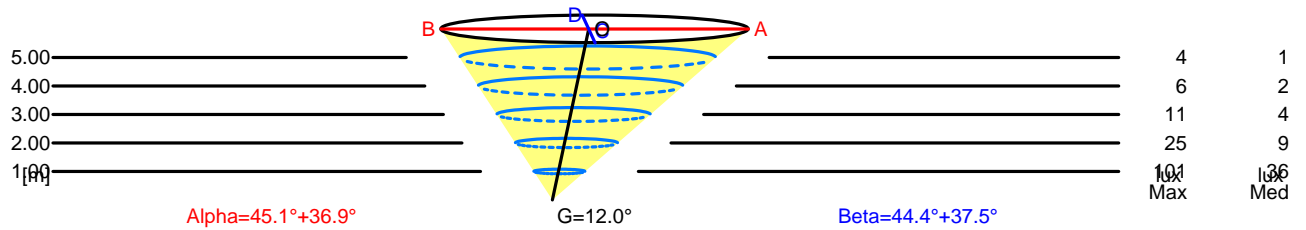


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Width at 50.00 % of MaxLux

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	0.93	1.87	2.80	3.74	4.67	OC	1.00	2.01	3.01	4.01	5.01
OB	0.86	1.73	2.59	3.46	4.32	OD	0.79	1.57	2.36	3.14	3.93

	Luminous Intensities [cd]									
	0	5	15	25	35	45	55	65	75	85
OA	97.69	102.08	103.90	95.40	79.63	60.14	40.73	24.27	11.16	1.59
OB	97.69	91.40	77.95	63.58	49.72	37.26	26.51	16.84	8.42	1.88
OC	86.69	86.17	82.00	73.81	62.32	49.18	35.81	23.06	11.41	2.19
OD	86.69	85.33	78.61	66.92	52.86	38.21	25.33	14.70	6.44	0.57



5.00	8.99	4	1	
4.00	7.20	6	2	
3.00	5.40	11	4	
2.00	3.60	25	9	
1.00	1.80	101	36	
H[m]	D[m]	Max lux	Med lux	

5.00	8.94	4	1	
4.00	7.15	6	2	
3.00	5.37	11	4	
2.00	3.58	25	9	
1.00	1.79	101	36	
H[m]	D[m]	Max lux	Med lux	

Luminaire
 Code 05-4401
 Name wall fixtures
 Line LIA

Measuram.
 Code 05-4401
 Name wall fixtures
 Date 11-11-2013

Lamp
 Code 11
 Number 1
 Position

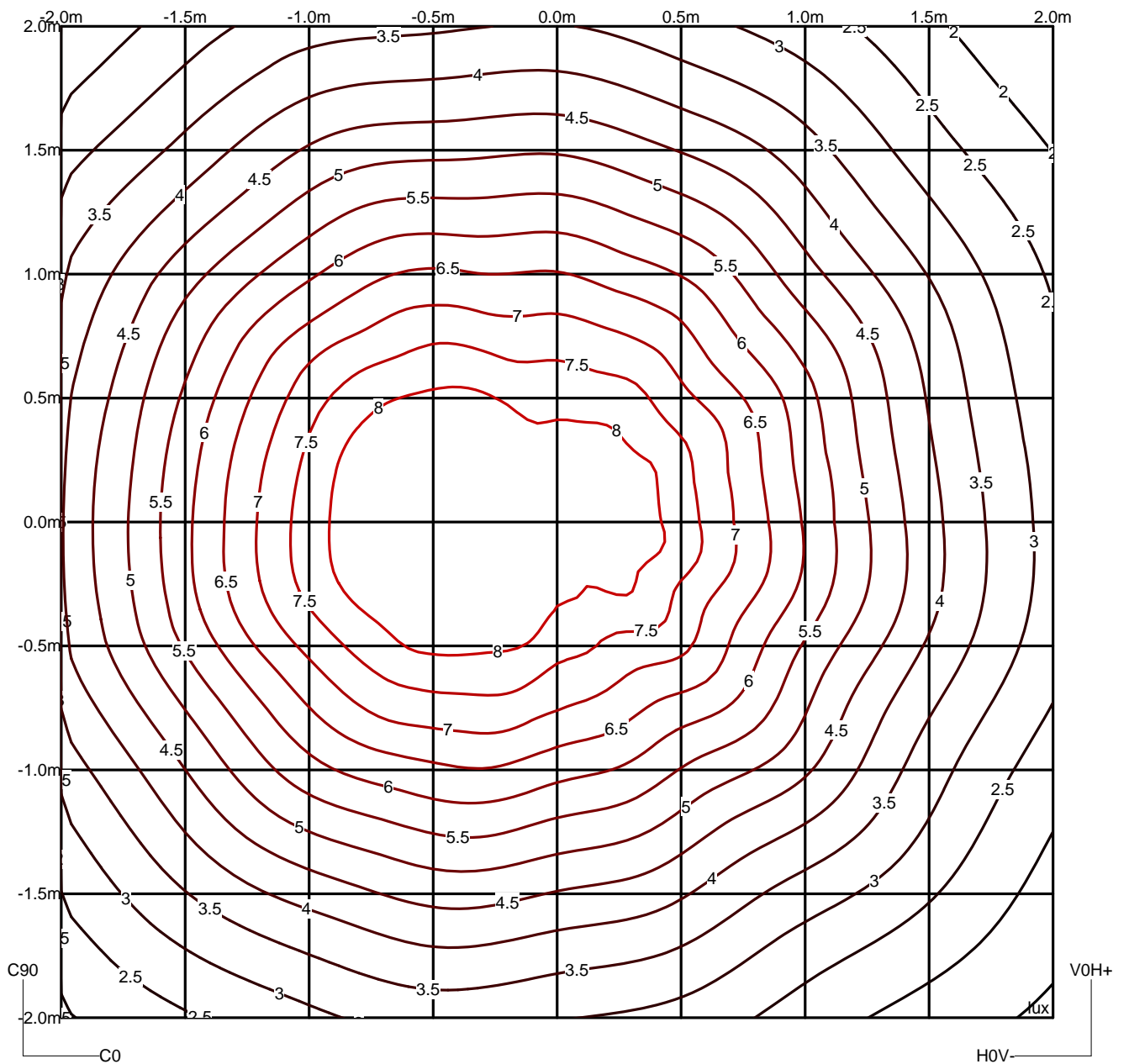
Efficiency 25.84%

Coordinate system CG

Total Flux 1400.00 lm

Isolux (Floor)

Luminaire position X=0.00m Y=0.00m Z=3.00m



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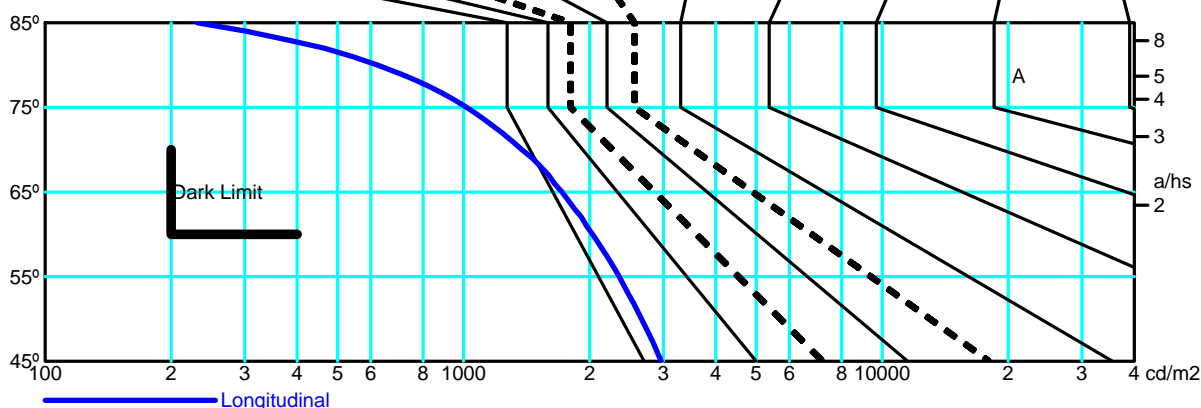
Measur.
 Code 05-4401
 Name wall fixtures
 Date 11-11-2013

Lamp
 Code 11
 Number 1
 Position

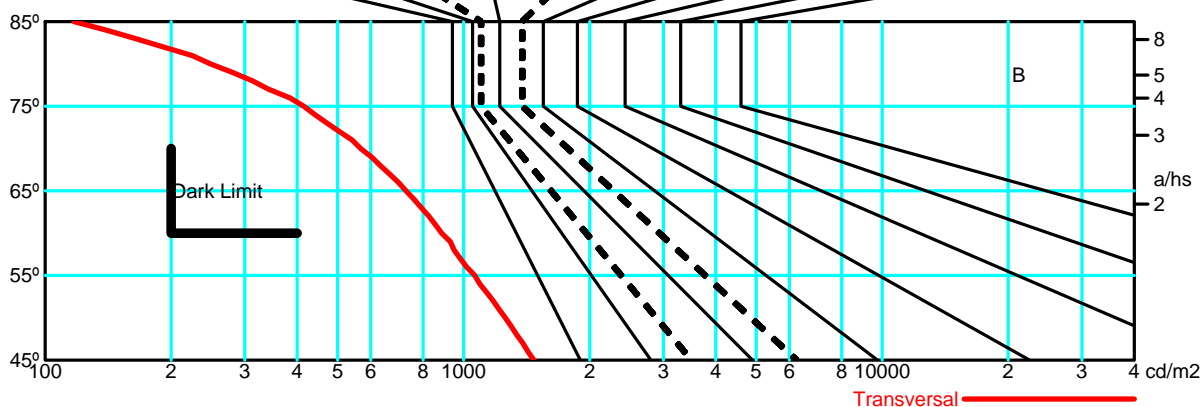
Efficiency 25.84% Coordinate system CG Total Flux 1400.00 lm

		Average Luminance [cd/m ²]										
		0.0°	45°	50°	55°	60°	65°	70°	75°	80°	85°	
90.0°		1471	1256	1064	886	728	568	415	249	117	---	
		2967	2658	2353	2030	1717	1377	1014	624	231	---	

Flush mounted or longitudinal view													
		Illumination(lx)											
A	A	2000	1000	750	500							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

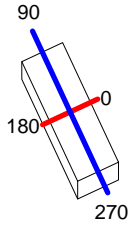


Flush mounted or transversal view													
		Illumination(lx)											
A	A	2000	1000	750	500							1.15	
B	1		2000	1500	1000	750	500	<300				1.5	
C					2000			1000	500	<300		1.85	
D	2							2000	1000	500	<300	2.2	
E	3								2000	1000	500	<300	2.55



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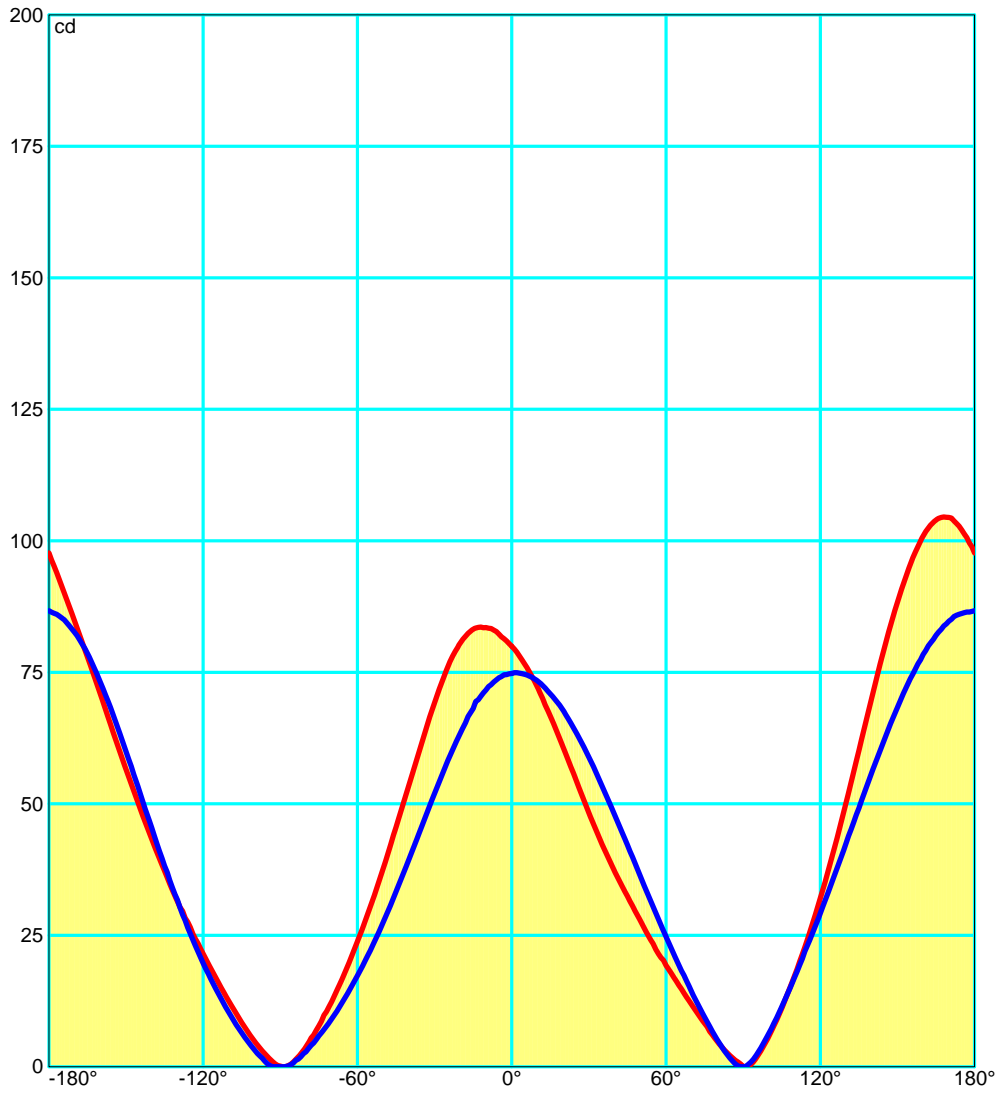
205mm x 70mm



C Halfplanes

180.0 ——— 0.0

270.0 ——— 90.0



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Efficiency	25.84%	Coordinate system	CG	Total Flux	1400.00 lm

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	10.1	10.9	11.0	11.7	12.0	9.1	9.9	10.0	10.8	12.0
x=2H y=3H	10.7	11.4	11.7	12.3	12.7	9.9	10.6	10.8	11.5	12.7
x=2H y=4H	10.8	11.4	11.8	12.4	12.9	10.1	10.7	11.0	11.6	12.9
x=2H y=6H	10.8	11.4	11.8	12.3	12.9	10.1	10.7	11.1	11.6	12.9
x=2H y=8H	10.8	11.3	11.7	12.3	12.9	10.1	10.6	11.1	11.6	12.9
x=2H y=12H	10.7	11.2	11.7	12.2	12.8	10.0	10.5	11.0	11.5	12.8
x=4H y=2H	10.4	11.0	11.4	11.9	12.1	9.3	9.9	10.3	10.9	12.1
x=4H y=3H	11.1	11.6	12.1	12.6	12.9	10.1	10.7	11.1	11.6	12.9
x=4H y=4H	11.3	11.8	12.3	12.7	13.2	10.4	10.8	11.4	11.8	13.2
x=4H y=6H	11.3	11.7	12.3	12.7	13.2	10.5	10.9	11.5	11.9	13.2
x=4H y=8H	11.3	11.6	12.3	12.7	13.2	10.5	10.8	11.5	11.9	13.2
x=4H y=12H	11.2	11.5	12.3	12.6	13.1	10.4	10.7	11.5	11.8	13.1
x=8H y=4H	11.3	11.6	12.3	12.7	13.1	10.4	10.7	11.4	11.7	13.1
x=8H y=6H	11.4	11.7	12.4	12.7	13.2	10.5	10.8	11.5	11.8	13.2
x=8H y=8H	11.3	11.6	12.4	12.6	13.2	10.5	10.7	11.5	11.8	13.2
x=8H y=12H	11.3	11.5	12.3	12.5	13.1	10.4	10.6	11.5	11.7	13.1
x=12H y=4H	11.2	11.6	12.3	12.6	13.0	10.3	10.6	11.3	11.7	13.0
x=12H y=6H	11.3	11.6	12.4	12.6	13.1	10.4	10.7	11.5	11.7	13.1
x=12H y=8H	11.3	11.5	12.3	12.6	13.1	10.4	10.6	11.5	11.7	13.1

Luminaire

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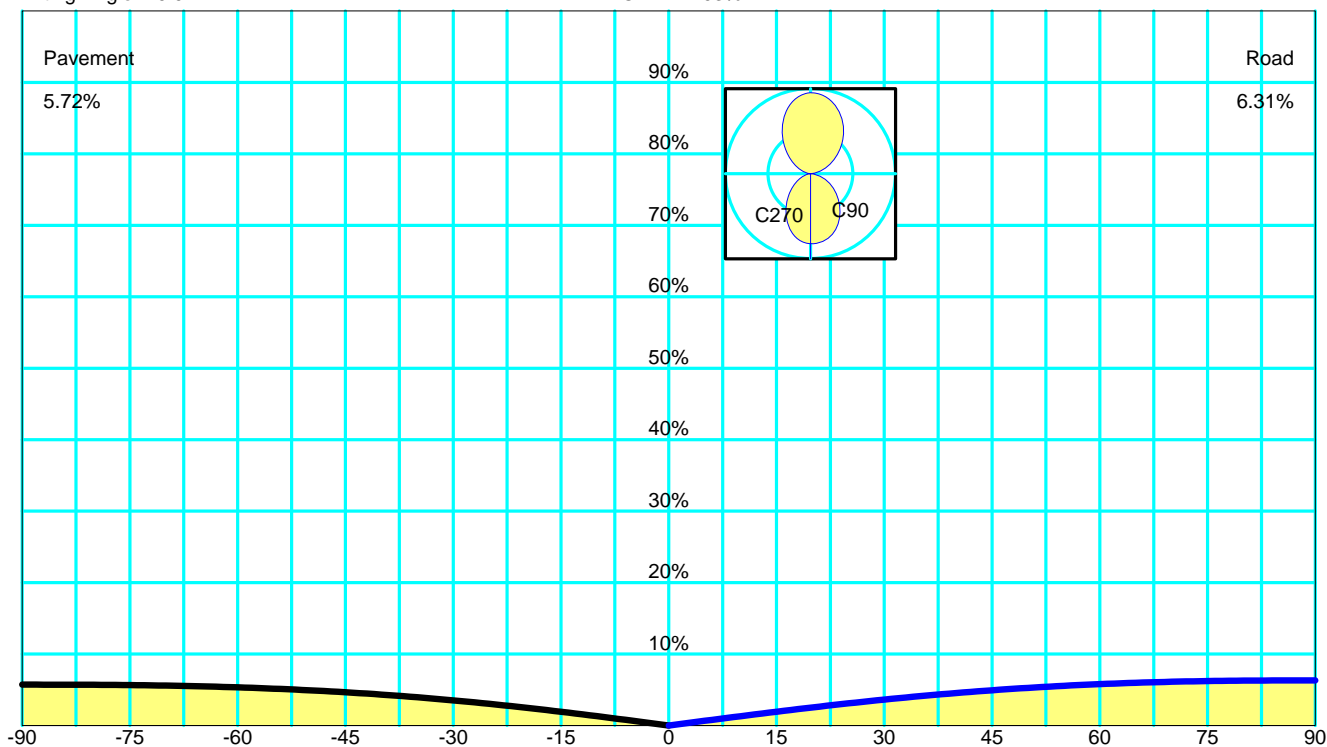
Code 11
 Number 1
 Position

Efficiency 25.84% Coordinate system CG Total Flux 1400.00 lm

Pavement			Road		
Piano	0	0.00%	Piano	0	0.00%
Piano	-5	0.66%	Piano	5	0.66%
Piano	-10	1.31%	Piano	10	1.31%
Piano	-15	1.92%	Piano	15	1.93%
Piano	-20	2.50%	Piano	20	2.53%
Piano	-25	3.03%	Piano	25	3.10%
Piano	-30	3.52%	Piano	30	3.63%
Piano	-35	3.95%	Piano	35	4.11%
Piano	-40	4.33%	Piano	40	4.55%
Piano	-45	4.66%	Piano	45	4.93%
Piano	-50	4.93%	Piano	50	5.27%
Piano	-55	5.16%	Piano	55	5.56%
Piano	-60	5.34%	Piano	60	5.79%
Piano	-65	5.48%	Piano	65	5.98%
Piano	-70	5.59%	Piano	70	6.12%
Piano	-75	5.66%	Piano	75	6.22%
Piano	-80	5.70%	Piano	80	6.28%
Piano	-85	5.72%	Piano	85	6.31%
Piano	-90	5.72%	Piano	90	6.31%

Tilting Angle = 0.0

DLOR = 12.03%



Spread	0.0°	DLOR	12.03111 %
Throw	167.0° Long	ULOR	13.81158 %
SLI (glare)	10.5 Tight	Efficiency	25.84270 %
CIE Cutoff	Non Cutoff - Max: C=0.0° Gamma=168.0°	RN	53.44482 %
IESNA Cutoff	Cutoff	Luminous Intensity Class	G3
DIN5044	KB1	Glare Index	D6
IESNA Type II Very Short Asymmetrical			

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Efficiency	25.84%	Coordinate system	CG	Total Flux	1400.00 lm

Total Flux=1400.00 Luminaire Flux=361.80

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	0.37	0.45	0.53	0.60	0.65	0.73	0.78	0.82	0.86	0.89	0.94	0.97
RC	4	4	4	4	4	4	3	3	3	3	3	3

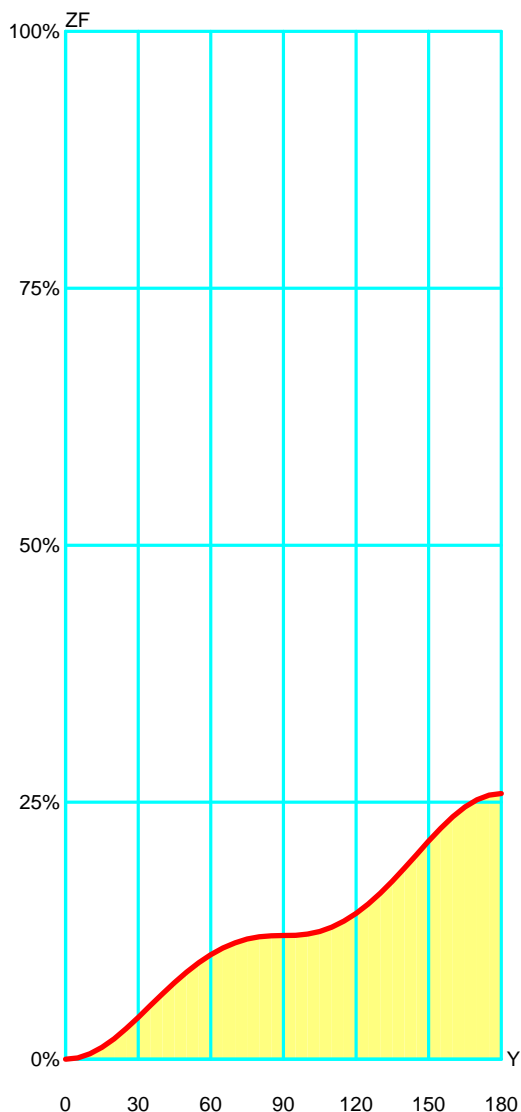
Zonal Flux per 1000 Lumen

Y°	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180
ZF(Y)	5	20	41	64	85	102	113	119	120	122	128	142	161	186	212	236	252	258

CIE Flux Codes

55 85 97 47 26

C.I.E.	4/4/4/4/4/3/3/3/3/3	LOR	25.84270 %
D DIN 5040	C42	ULOR	13.81158 %
F UTE	0.12 D + 0.14 T	DLOR	12.03111 %
B NBN	BZ 3 / 4 / BZ 4	UFF	53.44482 %
RN	53.44482 %	DFF	46.55518 %
BLF	1.0	FFR	114.79888 %



Zonal Flux				
Gamma °	Flux	Sum lm	Flux [%]	Sum [%]
0°	0.00	0.00	0.00%	0.00%
5°	1.32	1.32	0.51%	0.51%
10°	3.91	5.23	1.51%	2.02%
15°	6.28	11.52	2.43%	4.46%
20°	8.32	19.84	3.22%	7.68%
25°	9.91	29.75	3.83%	11.51%
30°	10.95	40.70	4.24%	15.75%
35°	11.45	52.15	4.43%	20.18%
40°	11.44	63.59	4.43%	24.61%
45°	10.99	74.59	4.25%	28.86%
50°	10.19	84.78	3.94%	32.81%
55°	9.11	93.89	3.53%	36.33%
60°	7.85	101.74	3.04%	39.37%
65°	6.48	108.21	2.51%	41.87%
70°	5.05	113.26	1.95%	43.83%
75°	3.61	116.87	1.40%	45.22%
80°	2.23	119.10	0.86%	46.09%
85°	1.02	120.12	0.39%	46.48%
90°	0.19	120.31	0.07%	46.56%
95°	0.22	120.53	0.08%	46.64%
100°	1.19	121.71	0.46%	47.10%
105°	2.60	124.31	1.00%	48.10%
110°	4.18	128.49	1.62%	49.72%
115°	5.84	134.33	2.26%	51.98%
120°	7.49	141.82	2.90%	54.88%
125°	9.08	150.90	3.51%	58.39%
130°	10.54	161.44	4.08%	62.47%
135°	11.77	173.21	4.55%	67.03%
140°	12.69	185.90	4.91%	71.93%
145°	13.16	199.06	5.09%	77.03%
150°	13.11	212.17	5.07%	82.10%
155°	12.48	224.64	4.83%	86.93%
160°	11.25	235.89	4.35%	91.28%
165°	9.44	245.33	3.65%	94.93%
170°	7.14	252.47	2.76%	97.69%
175°	4.45	256.92	1.72%	99.42%
180°	1.51	258.43	0.58%	100.00%

Luminaire
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 Name wall fixtures
 Line LIA

Measur.
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 Name wall fixtures
 Date 11-11-2013

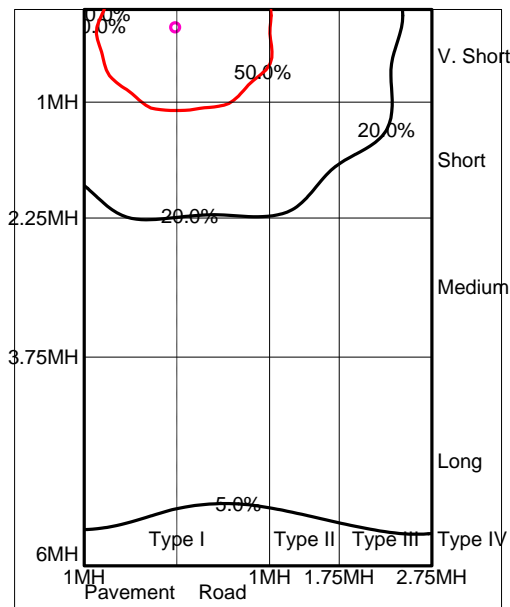
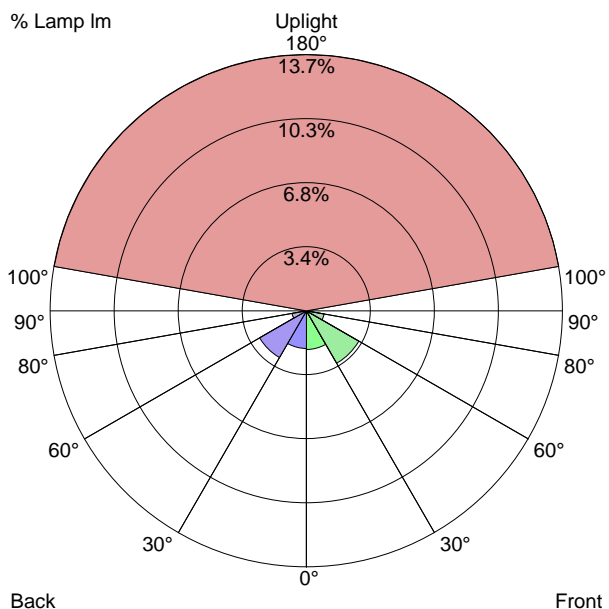
Lamp
 Code 11
 Number 1
 Position

Efficiency 25.84%

Coordinate system CG

Total Flux 1400.00 lm

US ROAD STANDARDS



Luminaire Classification System (LCS)			
LCS Zone	Lumens	%Lamp	%Lum
FL	0° -- 30°	28.9 lm	2.1 %
FM	30° -- 60°	45.2 lm	3.2 %
FH	60° -- 80°	13.4 lm	1.0 %
FVH	80° -- 90°	0.9 lm	0.1 %
BL	0° -- 30°	28.1 lm	2.0 %
BM	30° -- 60°	40.3 lm	2.9 %
BH	60° -- 80°	10.9 lm	0.8 %
BVH	80° -- 90°	0.8 lm	0.1 %
UL	90° -- 100°	2.0 lm	0.1 %
UH	100° -- 180°	191.3 lm	13.7 %
TOTALS		361.8 lm	25.8 %
BUG B0 U3 G0 Type II Very Short Asymmetrical			



LEDs·cu

OUTDOOR

05-8751

