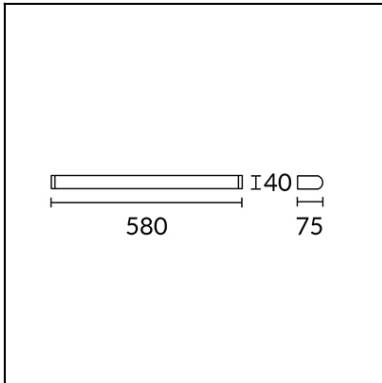




The photograph may not match the reference exactly. Please read the product description to identify the finish.



TECHNICAL CHARACTERISTICS

Type:	Wall fixture
IP Protection degrees:	IP44
Light source 1:	1 x G5
Bulb specified at the product label	24W Warm White - 2700K
Voltage / Frequency:	220-240V/50-60Hz
Warranty:	2
Units per box:	8
Net Weight (Kg):	0.870
EAN Code:	8435381406844



MATERIALS / FINISHES

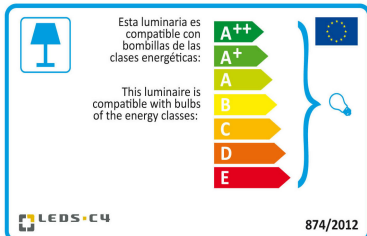
Structure material: Extruded aluminium

Diffuser material: Polycarbonate

Structure finish: Chrome

Diffuser finish: Matt opal

[Download photometric file .ldt /.ies](#)



[Click on image to download energy label](#)

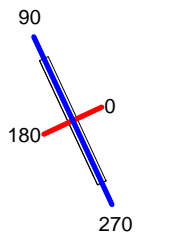
GEAR

Gear included: Yes, electronic

Luminaire		Measur.		Lamp		
Code	05-2325-21-M1	Code	05-2325-21-M1	Code	FLUORESCENT	
Name	WALL LIGHT	Name	WALL LIGHT	Number	1	
Line	TOILET	Date	15-11-2013	Position		
Efficiency	49.05%	Coordinate system	CG	Total Flux	1200.00 lm	
Maximum value	100.89 cd	Position	C=180.00 G=54.00	Asymmetrical		
Rectangular Luminaire	Length	580 mm	Width	40 mm	Height	1 mm
Rectangular Luminous Area	Length	580 mm	Width	40 mm	Height	0 mm
Horizontal Luminous Area	0.023200 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°		0.005613 m2		
Symmetry Type	Asymmetrical	Maximum Gamma Angle		180		
Measurement Distance	0.00	Measurement Flux		1200.00 lm		
Operator		Source voltage				
Temperature	25.00 °C	Source current				
Humidity	60.00 %	Photocell				
Notes						

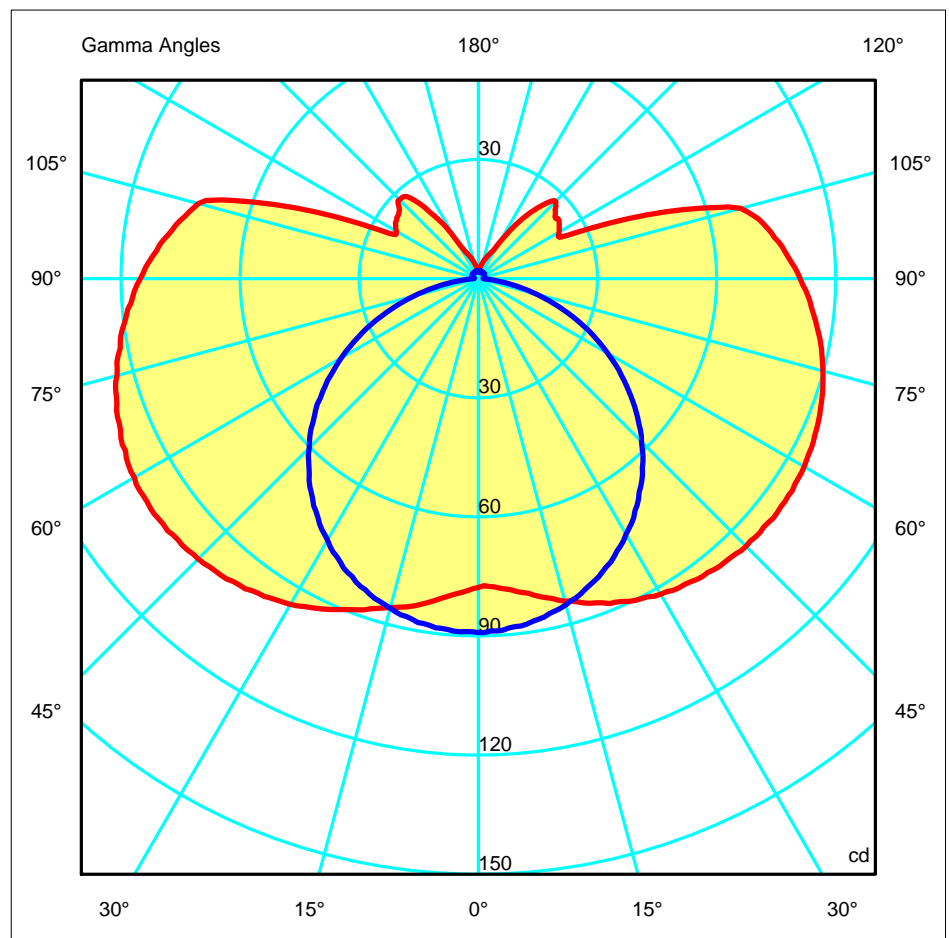
Luminaire Lamps						
Line	Code	Name	Flux [lm]	Pow. [W]	Q.ty	
IESNA-1995	FLUORESCENT	T5-24W - 22.40 W	1200.00	22.40	1	
C.I.E.	29 57 80 76 49	D DIN 5040		B11		
F UTE	0.37 H + 0.12 T	B NBN		BZ 7		

580mm x 40mm



C Halfplanes
 180.0 — 0.0
 270.0 — 90.0

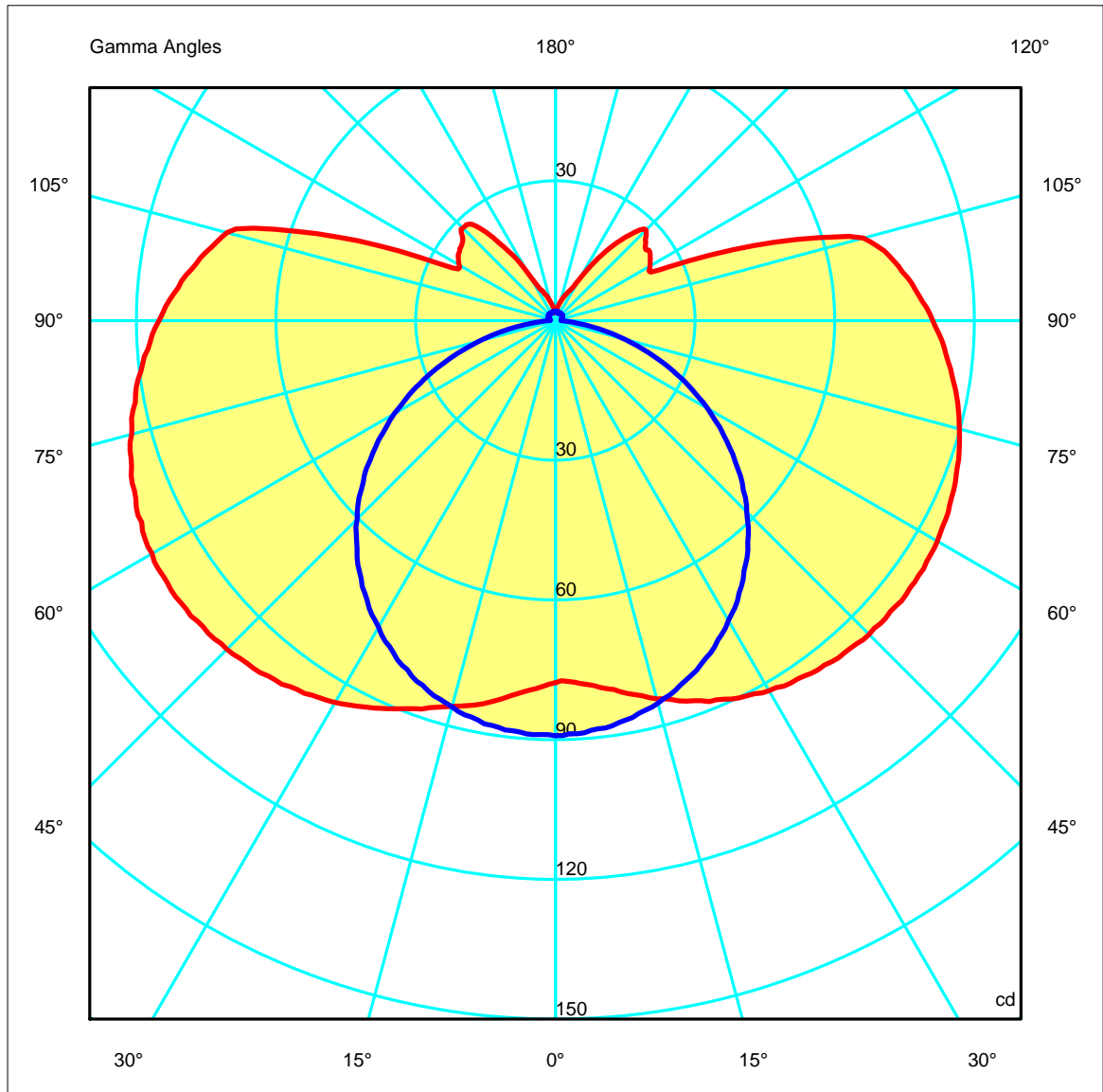
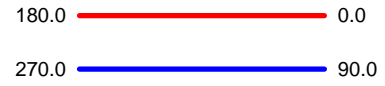
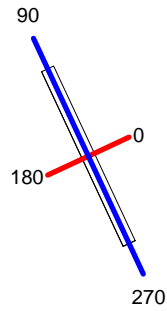
ULOR 12.01 %
 DLOR 37.05 %
 RN 24.47 %



Luminaire		Measur.		Lamp	
Code	05-2325-21-M1	Code	05-2325-21-M1	Code	FLUORESCENT
Name	WALL LIGHT	Name	WALL LIGHT	Number	1
Line	TOILET	Date	15-11-2013	Position	
Efficiency	49.05%	Coordinate system	CG	Total Flux	1200.00 lm

580mm x 40mm

C Halfplanes



Luminaire		Measurem.		Lamp	
Code	05-2325-21-M1	Code	05-2325-21-M1	Code	FLUORESCENT
Name	WALL LIGHT	Name	WALL LIGHT	Number	1
Line	TOILET	Date	15-11-2013	Position	

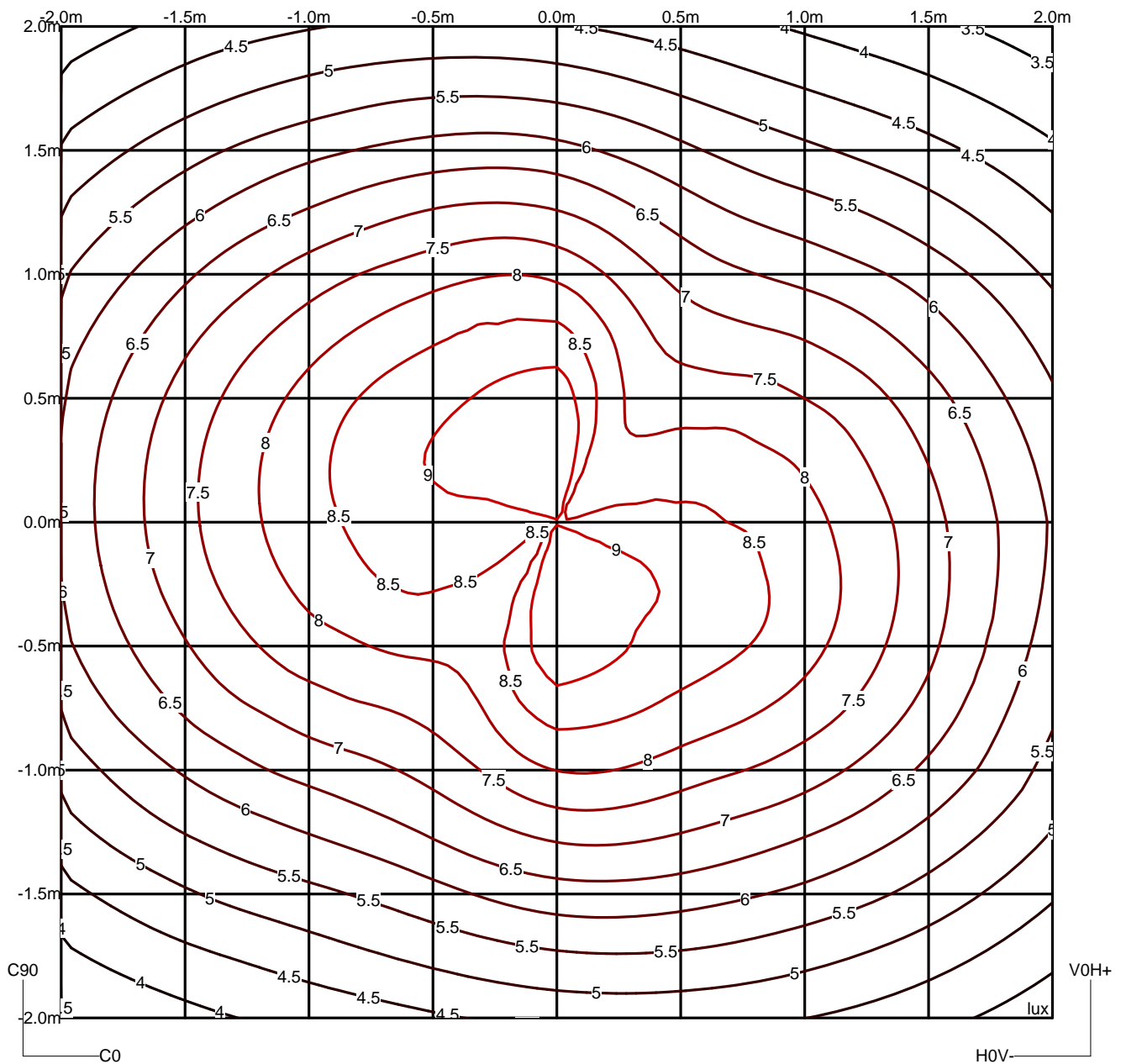
Efficiency	49.05%	Coordinate system	CG	Total Flux	1200.00 lm
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Right beam angle not found, gamma = -54

Luminaire		Measur.		Lamp	
Code	05-2325-21-M1	Code	05-2325-21-M1	Code	FLUORESCENT
Name	WALL LIGHT	Name	WALL LIGHT	Number	1
Line	TOILET	Date	15-11-2013	Position	
Efficiency	49.05%	Coordinate system	CG	Total Flux	1200.00 lm

Isolux (Floor)

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



Luminaire

Code 05-2325-21-M1
 Name WALL LIGHT
 Line TOILET

Measur.

Code 05-2325-21-M1
 Name WALL LIGHT
 Date 15-11-2013

Lamp

Code FLUORESCENT
 Number 1
 Position

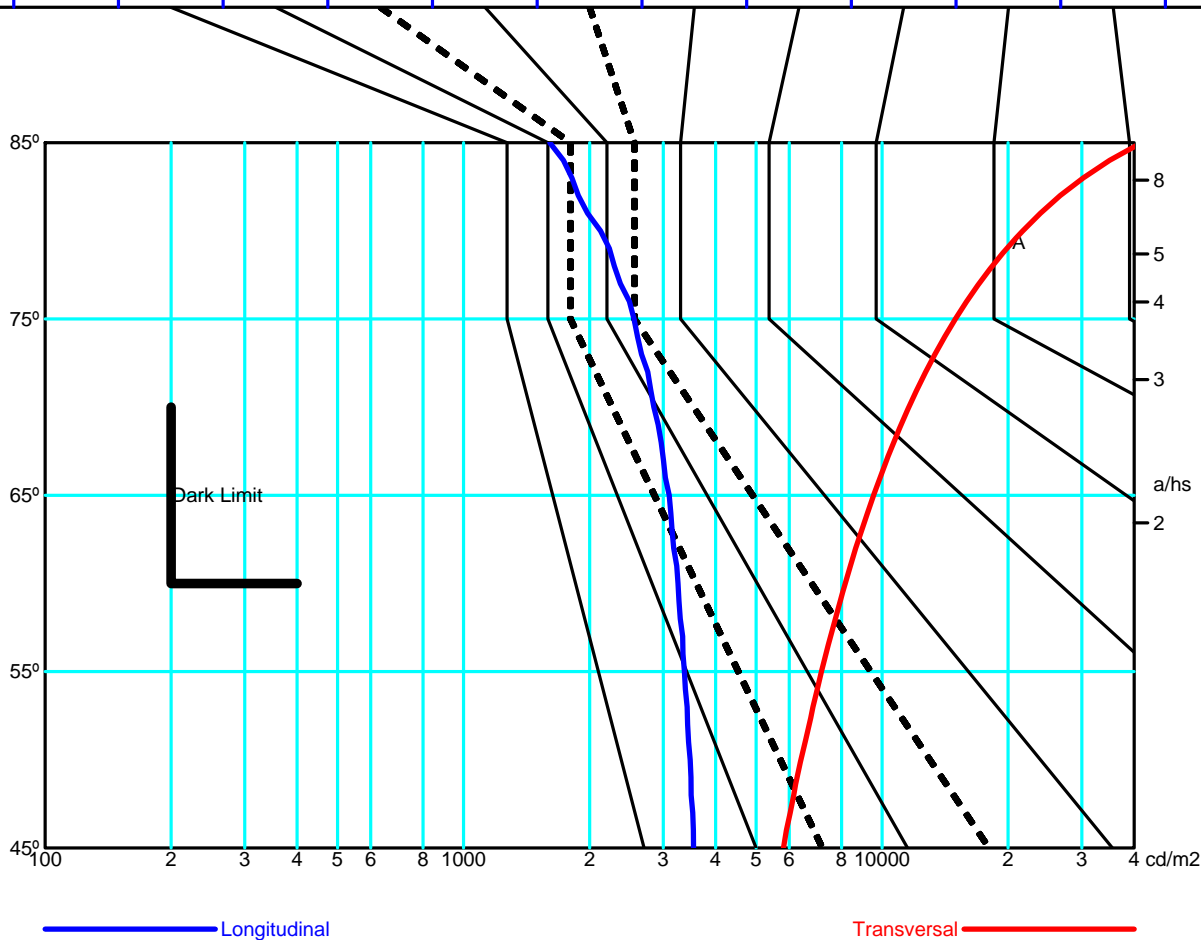
Efficiency 49.05%

Coordinate system CG

Total Flux 1200.00 lm

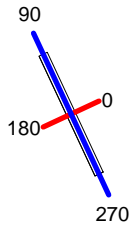
		Average Luminance [cd/m ²]									
		45°	50°	55°	60°	65°	70°	75°	80°	85°	
0.0°	5810	6398	7162	8166	9533	11577	14960	21672	41657	---	
90.0°	3542	3478	3369	3253	3099	2849	2553	2125	1607	---	

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

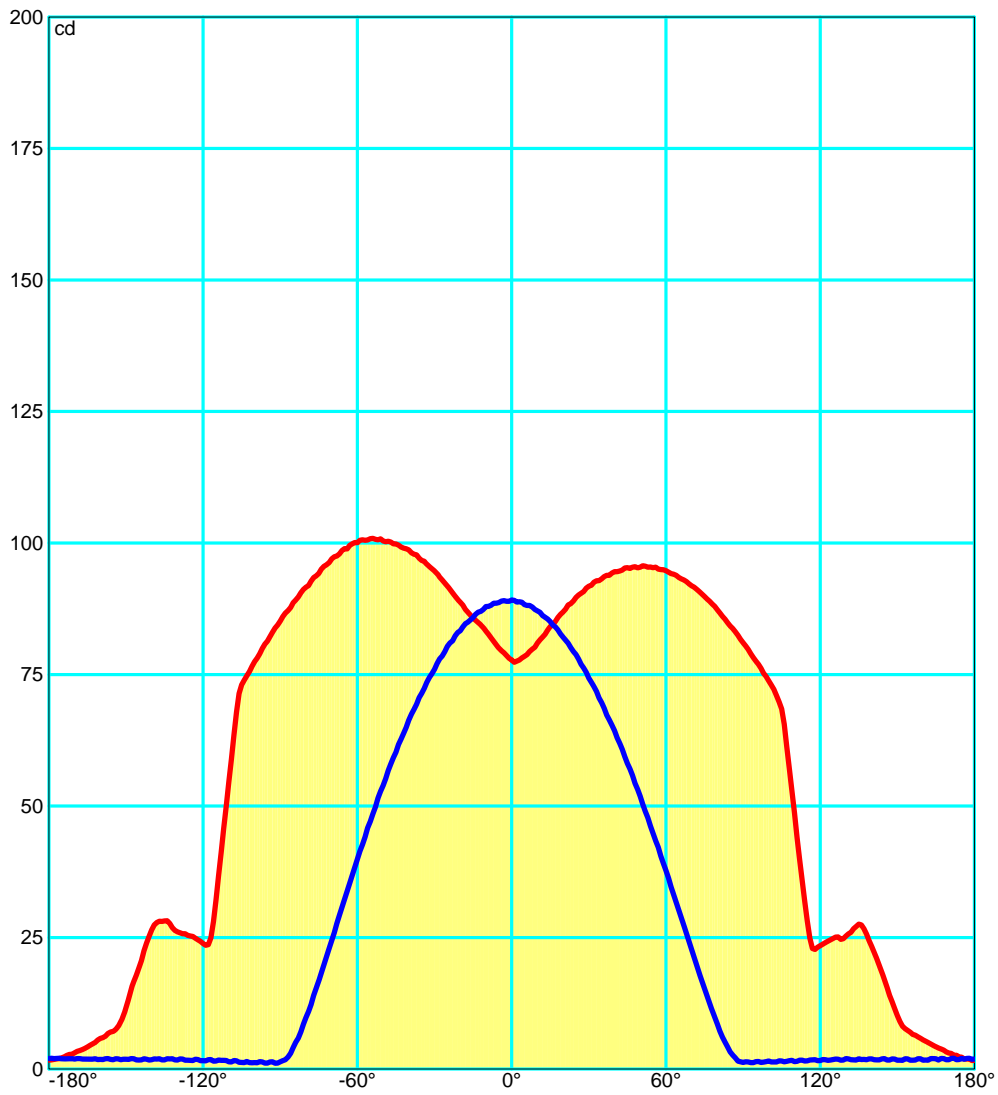


Luminaire		Measur.		Lamp	
Code	05-2325-21-M1	Code	05-2325-21-M1	Code	FLUORESCENT
Name	WALL LIGHT	Name	WALL LIGHT	Number	1
Line	TOILET	Date	15-11-2013	Position	
Efficiency	49.05%	Coordinate system	CG	Total Flux	1200.00 lm

580mm x 40mm



C Halfplanes



Luminaire		Measur.		Lamp	
Code	05-2325-21-M1	Code	05-2325-21-M1	Code	FLUORESCENT
Name	WALL LIGHT	Name	WALL LIGHT	Number	1
Line	TOILET	Date	15-11-2013	Position	
Efficiency	49.05%	Coordinate system	CG	Total Flux	1200.00 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	18.8	20.1	19.4	20.7	17.6	15.0	16.2	15.6	16.8	17.6
x=2H y=3H	22.2	23.3	22.8	24.0	19.1	16.6	17.7	17.2	18.3	19.1
x=2H y=4H	24.0	25.1	24.7	25.8	19.7	17.1	18.2	17.8	18.9	19.7
x=2H y=6H	26.0	27.0	26.7	27.7	20.0	17.5	18.5	18.2	19.2	20.0
x=2H y=8H	27.2	28.1	27.8	28.8	20.1	17.6	18.6	18.3	19.3	20.1
x=2H y=12H	28.5	29.4	29.1	30.1	20.1	17.7	18.6	18.4	19.3	20.1
x=4H y=2H	19.6	20.6	20.3	21.3	19.6	17.1	18.2	17.8	18.9	19.6
x=4H y=3H	23.2	24.1	23.9	24.8	21.6	19.1	20.0	19.8	20.7	21.6
x=4H y=4H	25.2	26.0	25.9	26.8	22.4	20.0	20.8	20.7	21.5	22.4
x=4H y=6H	27.4	28.2	28.2	28.9	22.9	20.6	21.3	21.3	22.1	22.9
x=4H y=8H	28.7	29.4	29.5	30.1	23.1	20.8	21.4	21.5	22.2	23.1
x=4H y=12H	30.1	30.8	30.9	31.5	23.2	20.9	21.5	21.6	22.3	23.2
x=8H y=4H	25.7	26.4	26.5	27.1	24.4	22.0	22.7	22.8	23.4	24.4
x=8H y=6H	28.2	28.8	29.0	29.6	25.5	23.2	23.8	24.0	24.6	25.5
x=8H y=8H	29.7	30.2	30.5	31.0	26.0	23.7	24.2	24.5	25.0	26.0
x=8H y=12H	31.4	31.8	32.2	32.7	26.2	24.0	24.4	24.8	25.3	26.2
x=12H y=4H	25.8	26.4	26.5	27.2	25.0	22.6	23.3	23.4	24.1	25.0
x=12H y=6H	28.4	29.0	29.2	29.8	26.5	24.2	24.7	25.0	25.5	26.5
x=12H y=8H	30.0	30.5	30.8	31.3	27.2	24.9	25.4	25.7	26.2	27.2

Luminaire

Code 05-2325-21-M1
 Name WALL LIGHT
 Line TOILET

Measuram.

Code 05-2325-21-M1
 Name WALL LIGHT
 Date 15-11-2013

Lamp

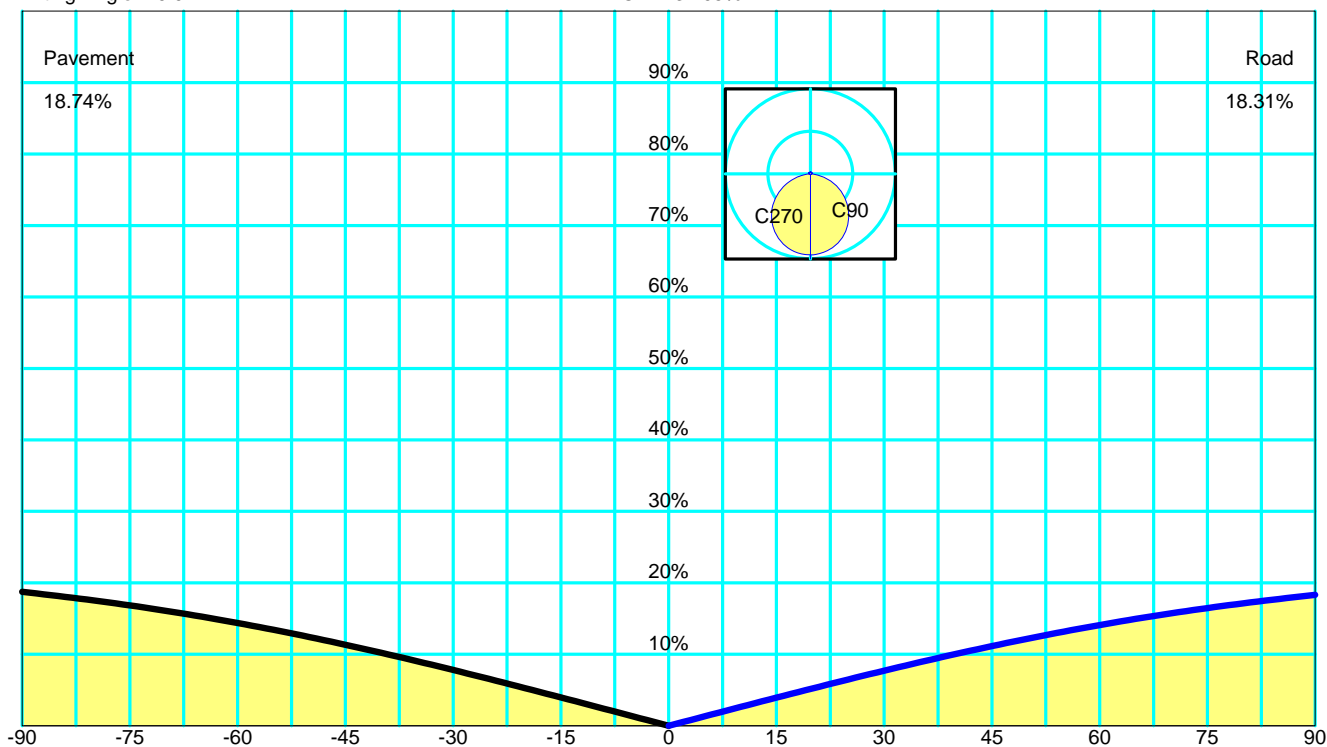
Code FLUORESCENT
 Number 1
 Position

Efficiency 49.05% Coordinate system CG Total Flux 1200.00 lm

Pavement			Road		
Piano	0	0.00%	Piano	0	0.00%
Piano	-5	1.32%	Piano	5	1.32%
Piano	-10	2.64%	Piano	10	2.63%
Piano	-15	3.96%	Piano	15	3.93%
Piano	-20	5.27%	Piano	20	5.22%
Piano	-25	6.55%	Piano	25	6.48%
Piano	-30	7.81%	Piano	30	7.71%
Piano	-35	9.03%	Piano	35	8.90%
Piano	-40	10.21%	Piano	40	10.05%
Piano	-45	11.34%	Piano	45	11.15%
Piano	-50	12.41%	Piano	50	12.19%
Piano	-55	13.43%	Piano	55	13.17%
Piano	-60	14.38%	Piano	60	14.09%
Piano	-65	15.27%	Piano	65	14.95%
Piano	-70	16.09%	Piano	70	15.74%
Piano	-75	16.84%	Piano	75	16.47%
Piano	-80	17.53%	Piano	80	17.13%
Piano	-85	18.16%	Piano	85	17.74%
Piano	-90	18.74%	Piano	90	18.31%

Tilting Angle = 0.0

DLOR = 37.05%



Spread	17.8° Narrow	DLOR	37.04789 %
Throw	52.5° Short	ULOR	12.00525 %
SLI (glare)	4.7 Tight	Efficiency	49.05314 %
CIE Cutoff	Non Cutoff - Max: C=180.0° Gamma=54.0°	RN	24.47398 %
IESNA Cutoff	Non Cutoff	Luminous Intensity Class	GU
DIN5044	--	Glare Index	D4
IESNA Type IV Short Asymmetrical			

Luminaire	Measur.	Lamp
Code 05-2325-21-M1	Code 05-2325-21-M1	Code FLUORESCENT
Name WALL LIGHT	Name WALL LIGHT	Number 1
Line TOILET	Date 15-11-2013	Position

Efficiency 49.05%	Coordinate system CG	Total Flux 1200.00 lm
-------------------	----------------------	-----------------------

Total Flux=1200.00 Luminaire Flux=588.64

	0.60	0.80	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00	10.00	20.00
RI	0.19	0.25	0.31	0.37	0.43	0.51	0.57	0.62	0.68	0.73	0.83	0.90
DRR	8	8	8	8	8	8	8	8	8	8	8	8
RC												

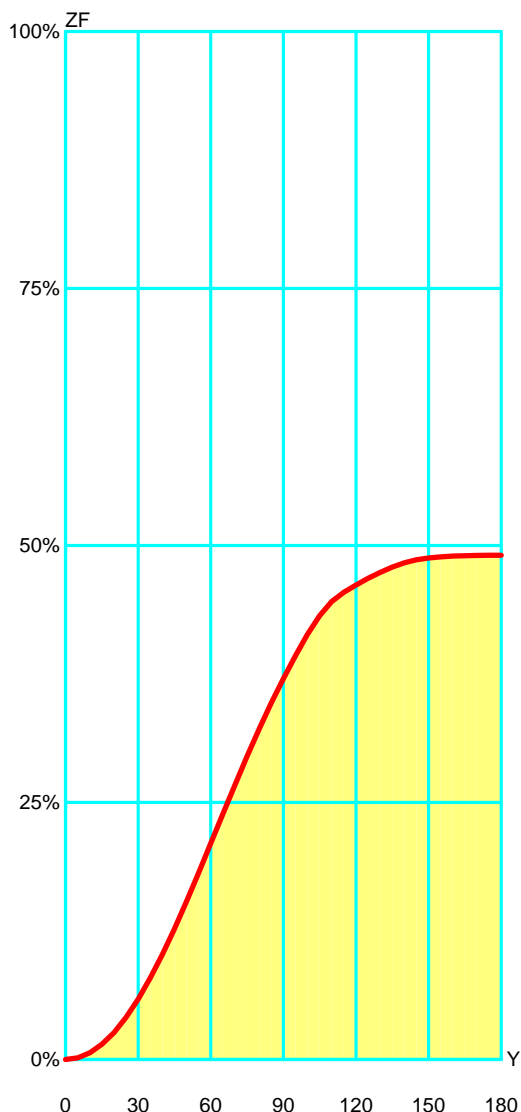
Zonal Flux per 1000 Lumen

	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180
Y°	7	26	59	102	154	210	267	321	370	414	445	462	474	483	488	490	490	491
ZF(Y)																		

CIE Flux Codes

29 57 80 76 49

C.I.E.	8	LOR	49.05314 %
D DIN 5040	B11	ULOR	12.00525 %
F UTE	0.37 H + 0.12 T	DLOR	37.04789 %
B NBN	BZ 7	UFF	24.47398 %
RN	24.47398 %	DFF	75.52602 %
BLF	1.0	FFR	32.40469 %



Zonal Flux				
Gamma °	Flux	Sum lm	Flux [%]	Sum [%]
0°	0.00	0.00	0.00%	0.00%
5°	1.62	1.62	0.33%	0.33%
10°	4.90	6.52	1.00%	1.33%
15°	8.22	14.74	1.68%	3.01%
20°	11.51	26.25	2.35%	5.35%
25°	14.71	40.96	3.00%	8.35%
30°	17.73	58.70	3.62%	11.97%
35°	20.50	79.20	4.18%	16.15%
40°	22.95	102.15	4.68%	20.83%
45°	25.02	127.17	5.10%	25.93%
50°	26.66	153.83	5.43%	31.36%
55°	27.84	181.67	5.68%	37.03%
60°	28.51	210.18	5.81%	42.85%
65°	28.69	238.87	5.85%	48.70%
70°	28.39	267.26	5.79%	54.48%
75°	27.66	294.92	5.64%	60.12%
80°	26.56	321.48	5.41%	65.54%
85°	25.21	346.69	5.14%	70.68%
90°	23.79	370.48	4.85%	75.53%
95°	22.43	392.91	4.57%	80.10%
100°	20.85	413.76	4.25%	84.35%
105°	17.99	431.75	3.67%	88.02%
110°	13.73	445.48	2.80%	90.82%
115°	9.08	454.56	1.85%	92.67%
120°	6.99	461.55	1.43%	94.09%
125°	6.46	468.02	1.32%	95.41%
130°	5.84	473.85	1.19%	96.60%
135°	5.14	479.00	1.05%	97.65%
140°	4.18	483.18	0.85%	98.50%
145°	2.90	486.08	0.59%	99.09%
150°	1.75	487.84	0.36%	99.45%
155°	1.07	488.90	0.22%	99.67%
160°	0.72	489.63	0.15%	99.82%
165°	0.46	490.09	0.09%	99.91%
170°	0.27	490.36	0.05%	99.97%
175°	0.13	490.49	0.03%	99.99%
180°	0.04	490.53	0.01%	100.00%

Luminaire
 Code 05-2325-21-M1
 Name WALL LIGHT
 Line TOILET

Measur.
 Code 05-2325-21-M1
 Name WALL LIGHT
 Date 15-11-2013

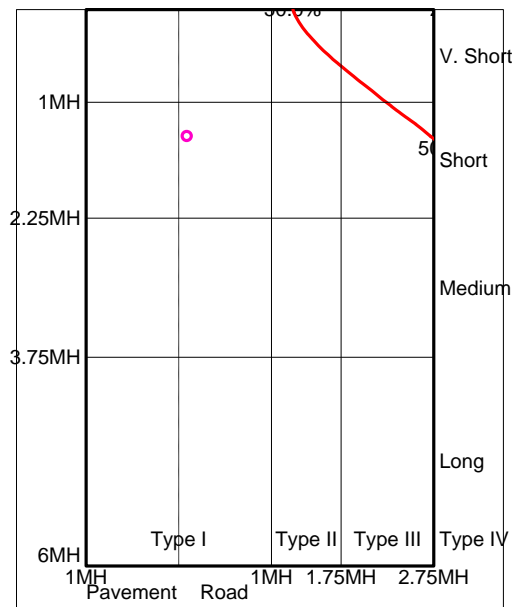
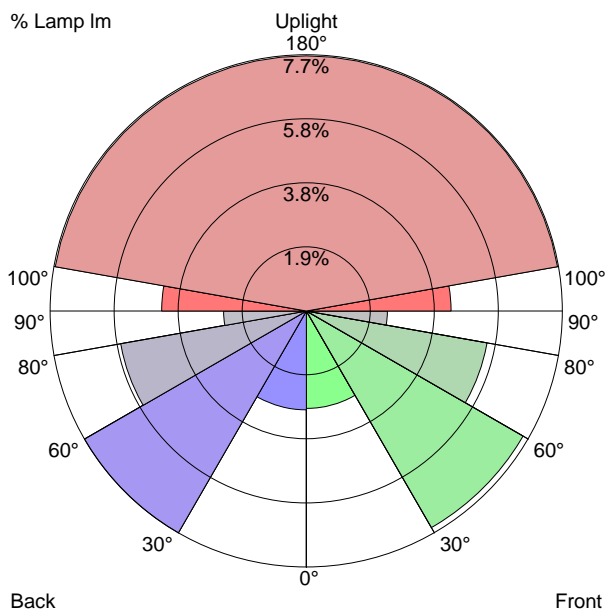
Lamp
 Code FLUORESCENT
 Number 1
 Position

Efficiency 49.05%

Coordinate system CG

Total Flux 1200.00 lm

US ROAD STANDARDS



Luminaire Classification System (LCS)			
LCS Zone		Lumens	%Lamp %Lum
FL	0° -- 30°	35.0 lm	2.9 % 5.9 %
FM	30° -- 60°	89.9 lm	7.5 % 15.3 %
FH	60° -- 80°	65.9 lm	5.5 % 11.2 %
FVH	80° -- 90°	29.1 lm	2.4 % 4.9 %
BL	0° -- 30°	35.5 lm	3.0 % 6.0 %
BM	30° -- 60°	92.0 lm	7.7 % 15.6 %
BH	60° -- 80°	67.7 lm	5.6 % 11.5 %
BVH	80° -- 90°	29.8 lm	2.5 % 5.1 %
UL	90° -- 100°	52.0 lm	4.3 % 8.8 %
UH	100° -- 180°	91.6 lm	7.6 % 15.6 %
TOTALS		588.6 lm	49.1 % 100.0 %
BUG B0 U3 G1 Type IV Short Asymmetrical			

