

Luminaire

Code T30C-1135-B5-O_3000K_CRI90
Name TWIST CROSS 1135 3000K CRI90

Measurement

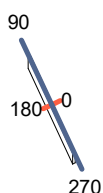
Code T30-575-B5-O SYM
Name TWIST 1135 3000K CRI90

Luminaire Flux	2184 lm	Luminaire Power	22.9 W	Efficacy	95.371 lm/W	Efficiency	100.00%
Source Flux	2184 lm	Maximum value	220.81 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical
Rectangular Luminaire		Length	1135 mm	Width	30 mm	Height	60 mm
Rectangular Luminous Area		Length	1130 mm	Width	30 mm	Height	30 mm
Horizontal Luminous Area		0.033900 m2		Emitting area on Plane 180°		0.033900 m2	
Emitting area on Plane 0°		0.033900 m2		Emitting area on Plane 270°		0.000900 m2	
Emitting area on Plane 90°		0.000900 m2		Glare area at 76°		0.041094 m2	
Coordinate system		CG		Symmetry Type		Double Symmetrical	
Date		30-11-2020		Maximum Gamma Angle		180	
Measurement Distance		0.00		Measurement Flux		2184 lm	
Operator				Rated Voltage			
Temperature				Rated Current			
Humidity				Photocell			
Notes							

Luminaire Sources

Line	Code	Name	Flux [lm]	Pow. [W]	Q.ty
	LED	LED	2184.00	22.90	1
C.I.E.	37 66 86 83 100	D DIN 5040	B21		
F UTE	0.83 H + 0.17 T	B NBN	BZ 6		

1135mm x 30mm



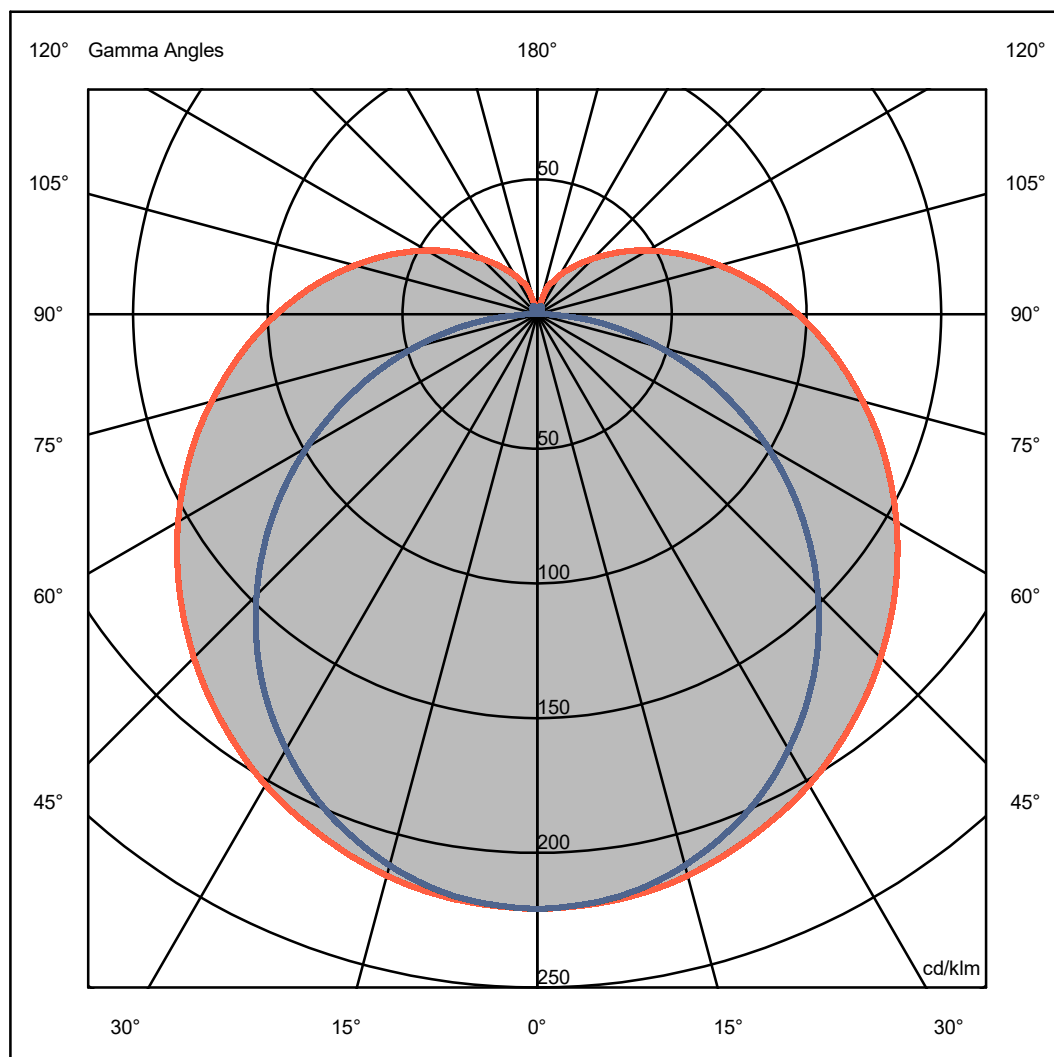
C Halfplanes

180.0 — 0.0
270.0 — 90.0

ULOR 17.04 %

DLOR 82.96 %

RN 17.04 %



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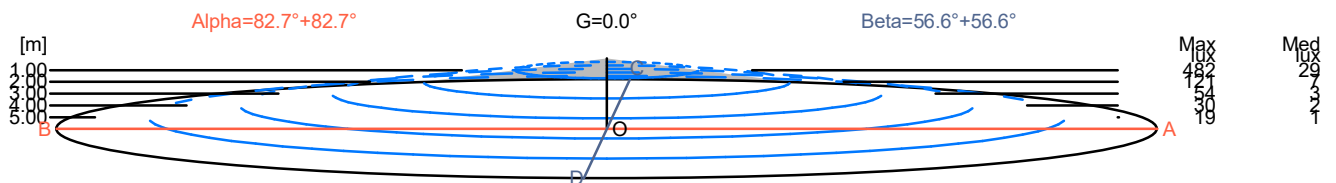
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Width at 50.00 % of Max Intensity

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	7.80	15.60	23.40	31.19	38.99	OC	1.52	3.03	4.55	6.06	7.58
OB	7.80	15.60	23.40	31.19	38.99	OD	1.52	3.03	4.55	6.06	7.58

	Luminous Intensities [cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	482.26	480.73	471.20	452.28	426.30	393.74	356.25	315.54	273.35	231.72
OB	482.26	480.73	471.20	452.28	426.30	393.74	356.25	315.54	273.35	231.72
OC	482.26	479.70	462.62	429.69	382.25	321.83	252.77	177.69	102.08	32.69
OD	482.26	479.70	462.62	429.69	382.25	321.83	252.77	177.69	102.08	32.69



H[m]	D[m]	Max lux	Med lux	Alpha=82.7°+82.7°	G=0.0
1.00	15.60	482	29		
2.00	31.19	121	7		
3.00	46.79	54	3		
4.00	62.39	30	2		
5.00	77.99	19	1		

H[m]	D[m]	Max lux	Med lux	Beta=56.6°+56.6°	G=0.0
1.00	3.03	482	29		
2.00	6.06	121	7		
3.00	9.09	54	3		
4.00	12.13	30	2		
5.00	15.16	19	1		

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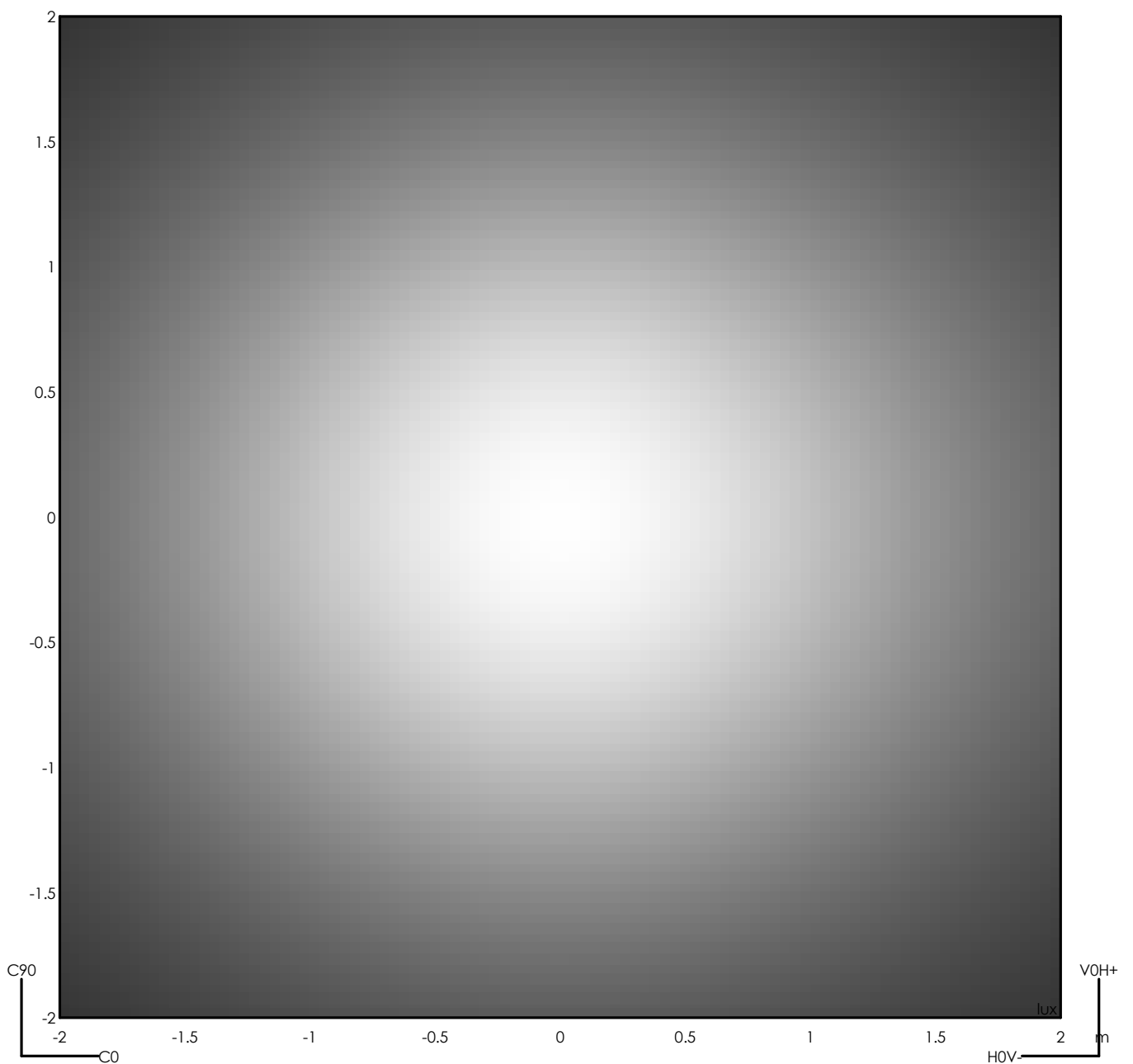
Measurem.

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Isolux (Floor)

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



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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
Working Plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room Dimensions	Lateral View					Viewed Endwise				
x=2H y=2H	18.9	20.2	19.5	20.7	21.3	18.7	20.0	19.3	20.5	21.1
x=2H y=3H	21.0	22.1	21.6	22.7	23.3	20.3	21.4	20.9	22.0	22.6
x=2H y=4H	22.0	23.1	22.6	23.7	24.3	21.0	22.0	21.5	22.6	23.2
x=2H y=6H	23.0	24.0	23.6	24.6	25.3	21.5	22.4	22.1	23.0	23.7
x=2H y=8H	23.5	24.5	24.1	25.1	25.7	21.6	22.6	22.2	23.2	23.9
x=2H y=12H	24.0	24.9	24.6	25.5	26.2	21.7	22.7	22.4	23.3	24.0
x=4H y=2H	19.6	20.6	20.1	21.2	21.8	19.4	20.4	20.0	21.0	21.6
x=4H y=3H	21.8	22.7	22.5	23.4	24.1	21.1	22.1	21.8	22.7	23.4
x=4H y=4H	23.0	23.9	23.7	24.5	25.2	21.9	22.8	22.6	23.4	24.1
x=4H y=6H	24.2	25.0	24.9	25.6	26.4	22.6	23.3	23.2	24.0	24.7
x=4H y=8H	24.8	25.5	25.5	26.2	26.9	22.8	23.5	23.5	24.2	24.9
x=4H y=12H	25.4	26.0	26.1	26.7	27.5	23.0	23.6	23.7	24.3	25.1
x=8H y=4H	23.4	24.0	24.0	24.7	25.5	22.4	23.1	23.1	23.8	24.5
x=8H y=6H	24.8	25.4	25.5	26.1	26.9	23.3	23.9	24.0	24.5	25.4
x=8H y=8H	25.5	26.0	26.2	26.8	27.6	23.7	24.2	24.4	24.9	25.7
x=8H y=12H	26.3	26.7	27.0	27.5	28.3	23.9	24.4	24.7	25.1	26.0
x=12H y=4H	23.4	24.0	24.1	24.7	25.5	22.5	23.2	23.2	23.8	24.6
x=12H y=6H	24.9	25.4	25.6	26.1	26.9	23.5	24.0	24.2	24.7	25.5
x=12H y=8H	25.7	26.1	26.4	26.9	27.7	23.9	24.4	24.7	25.1	26.0

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	45°	50°	55°	60°	Average Luminance		75°	80°	85°	
0.0°	8213	7860	7545	7258	65°	70°	6584	6421	6310	---
90.0°	13079	12825	12525	12163	11734	11250	10586	9788	8488	---

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

