

Luminaire

Code T30C-855-B5-O_3000K_CRI90
Name TWIST CROSS 855 3000K CRI90

Measurement

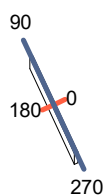
Code T30-575-B5-O SYM
Name TWIST 855 3000K CRI90

Luminaire Flux	1638 lm	Luminaire Power	17.2 W	Efficacy	95.233 lm/W	Efficiency	100.00%
Source Flux	1638 lm	Maximum value	220.81 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical
Rectangular Luminaire		Length	855 mm	Width	30 mm	Height	60 mm
Rectangular Luminous Area		Length	850 mm	Width	30 mm	Height	30 mm
Horizontal Luminous Area		0.025500 m2		Emitting area on Plane 180°		0.025500 m2	
Emitting area on Plane 0°		0.025500 m2		Emitting area on Plane 270°		0.000900 m2	
Emitting area on Plane 90°		0.000900 m2		Glare area at 76°		0.030912 m2	
Coordinate system		CG		Symmetry Type		Double Symmetrical	
Date		30-11-2020		Maximum Gamma Angle		180	
Measurement Distance		0.00		Measurement Flux		1638 lm	
Operator				Rated Voltage			
Temperature				Rated Current			
Humidity				Photocell			
Notes							

Luminaire Sources

Line	Code	Name	Flux [lm]	Pow. [W]	Q.ty
	LED	LED	1638.00	17.20	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		

855mm x 30mm



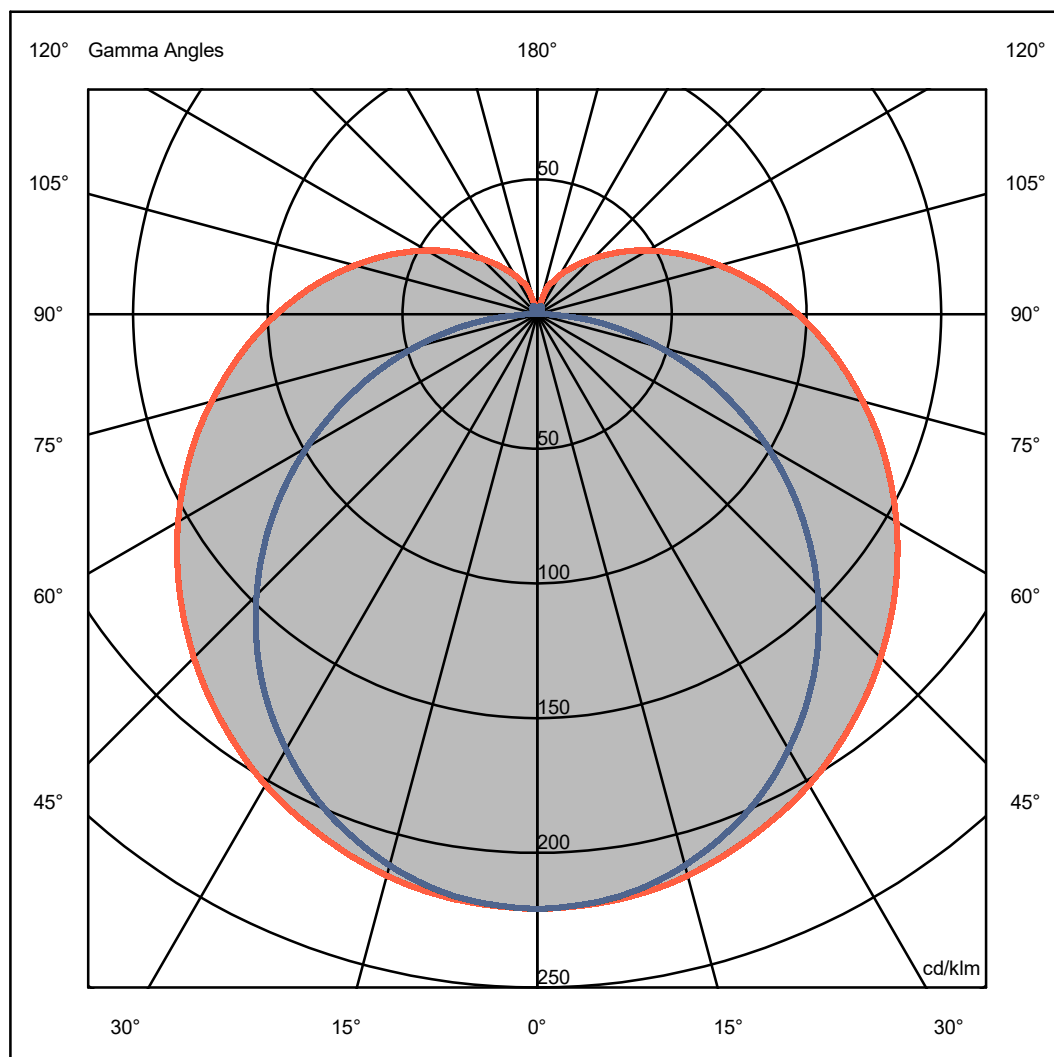
C Halfplanes

180.0 — 0.0
270.0 — 90.0

ULOR 17.04 %

DLOR 82.96 %

RN 17.04 %



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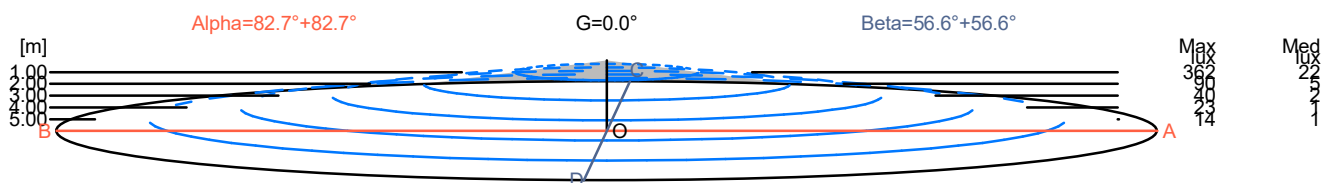
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Width at 50.00 % of Max Intensity

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

	0	5	15	25	35	45	55	65	75	85
OA	361.69	360.55	353.40	339.21	319.73	295.31	267.19	236.66	205.01	173.79
OB	361.69	360.55	353.40	339.21	319.73	295.31	267.19	236.66	205.01	173.79
OC	361.69	359.78	346.96	322.27	286.69	241.38	189.57	133.27	76.56	24.52
OD	361.69	359.78	346.96	322.27	286.69	241.38	189.57	133.27	76.56	24.52



H[m]	D[m]	Max lux	Med lux	Alpha=82.7°+82.7°	G=0.0
1.00	15.60	362	22		
2.00	31.19	90	5		
3.00	46.79	40	2		
4.00	62.39	23	1		
5.00	77.99	14	1		

H[m]	D[m]	Max lux	Med lux	Beta=56.6°+56.6°	G=0.0
1.00	3.03	362	22		
2.00	6.06	90	5		
3.00	9.09	40	2		
4.00	12.13	23	1		
5.00	15.16	14	1		

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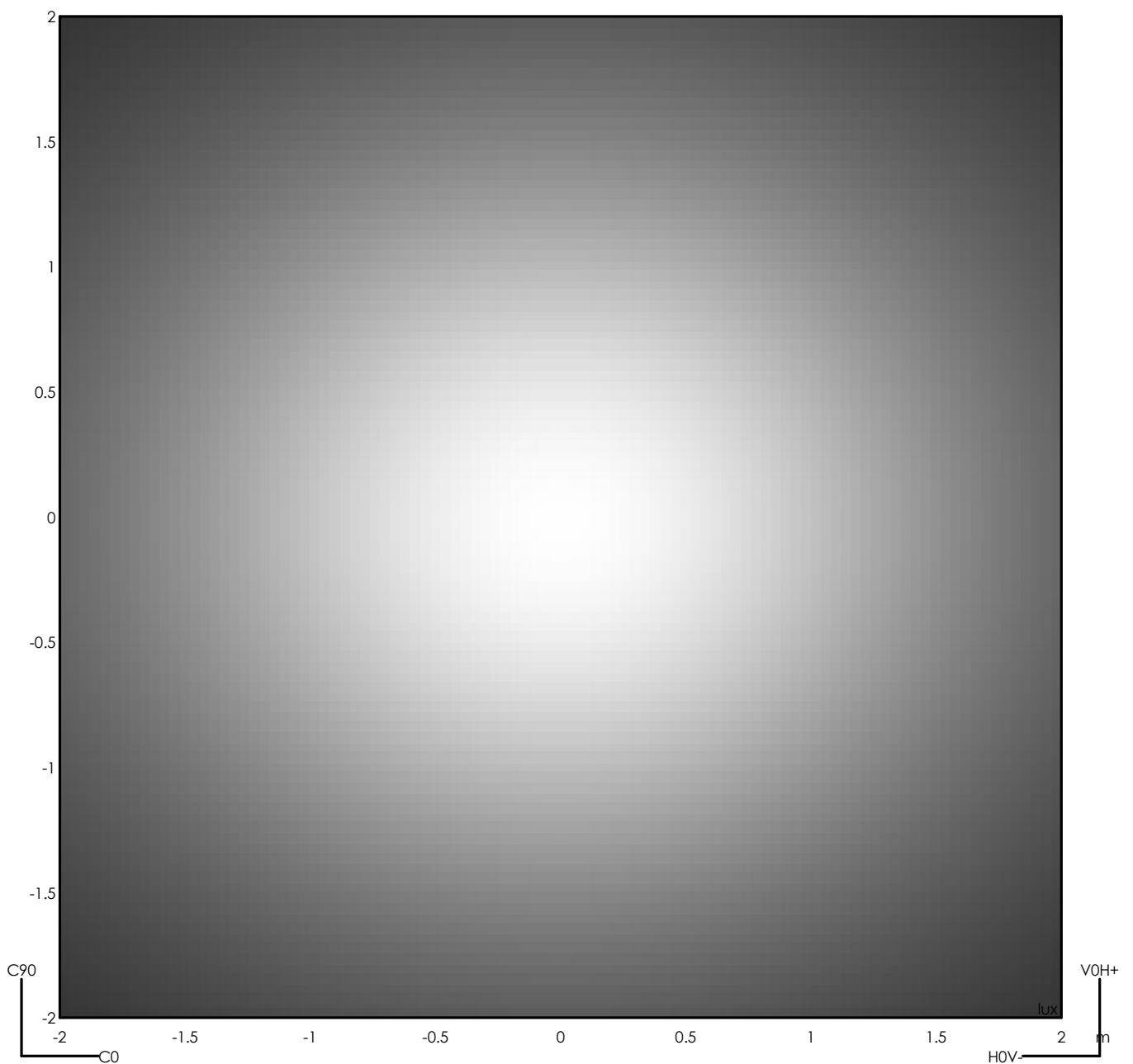
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Isolux (Floor)

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	19.4	20.7	21.2	18.7	19.9	19.2	20.5	21.0
x=2H y=3H	21.0	22.1	21.5	22.7	23.3	20.3	21.4	20.8	21.9	22.6
x=2H y=4H	22.0	23.1	22.6	23.6	24.3	20.9	22.0	21.5	22.5	23.2
x=2H y=6H	23.0	24.0	23.6	24.6	25.3	21.4	22.4	22.0	23.0	23.6
x=2H y=8H	23.5	24.5	24.1	25.0	25.7	21.6	22.5	22.2	23.1	23.8
x=2H y=12H	24.0	24.9	24.6	25.5	26.2	21.7	22.6	22.3	23.2	23.9
x=4H y=2H	19.5	20.6	20.1	21.2	21.8	19.3	20.4	19.9	21.0	21.6
x=4H y=3H	21.8	22.7	22.4	23.3	24.0	21.1	22.0	21.7	22.6	23.3
x=4H y=4H	23.0	23.8	23.7	24.5	25.2	21.9	22.7	22.5	23.3	24.1
x=4H y=6H	24.2	25.0	24.9	25.6	26.4	22.5	23.3	23.2	23.9	24.7
x=4H y=8H	24.8	25.5	25.5	26.1	26.9	22.7	23.4	23.4	24.1	24.9
x=4H y=12H	25.4	26.0	26.0	26.7	27.5	22.9	23.5	23.6	24.2	25.0
x=8H y=4H	23.3	24.0	24.0	24.7	25.5	22.4	23.1	23.0	23.7	24.5
x=8H y=6H	24.8	25.3	25.5	26.0	26.8	23.2	23.8	23.9	24.5	25.3
x=8H y=8H	25.5	26.0	26.2	26.7	27.6	23.6	24.1	24.3	24.8	25.6
x=8H y=12H	26.3	26.7	27.0	27.4	28.3	23.9	24.3	24.6	25.0	25.9
x=12H y=4H	23.4	24.0	24.1	24.7	25.5	22.5	23.1	23.2	23.8	24.6
x=12H y=6H	24.9	25.4	25.6	26.1	26.9	23.4	24.0	24.2	24.7	25.5
x=12H y=8H	25.7	26.1	26.4	26.9	27.7	23.9	24.3	24.6	25.1	25.9

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	45°	50°	55°	60°	Average Luminance		75°	80°	85°	
0.0°	8189	7836	7523	7237	65°	67°	6564	6402	6291	---
90.0°	12930	12660	12339	11954	65°	70°	10251	9356	7860	---

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

