

#### Luminaire

Code T30C-1415-B5-O\_3000K\_CRI90  
Name TWIST CROSS 1415 3000K CRI90

#### Measurement

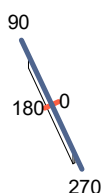
Code T30-575-B5-O SYM  
Name TWIST 1415 3000K CRI90

Luminaire Flux	2730 lm	Luminaire Power	28.8 W	Efficacy	94.792 lm/W	Efficiency	100.00%
Source Flux	2730 lm	Maximum value	220.81 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical
Rectangular Luminaire		Length	1415 mm	Width	30 mm	Height	60 mm
Rectangular Luminous Area		Length	1410 mm	Width	30 mm	Height	29 mm
Horizontal Luminous Area		0.042300 m2		Emitting area on Plane 180°		0.042300 m2	
Emitting area on Plane 0°		0.042300 m2		Emitting area on Plane 270°		0.000900 m2	
Emitting area on Plane 90°		0.000900 m2		Glare area at 76°		0.051277 m2	
Coordinate system		CG		Symmetry Type		Double Symmetrical	
Date		30-11-2020		Maximum Gamma Angle		180	
Measurement Distance		0.00		Measurement Flux		2730 lm	
Operator				Rated Voltage			
Temperature				Rated Current			
Humidity				Photocell			
Notes							

#### Luminaire Sources

Line	Code	Name	Flux [lm]	Pow. [W]	Q.ty
	LED	LED	2730.00	28.80	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		

1415mm x 30mm



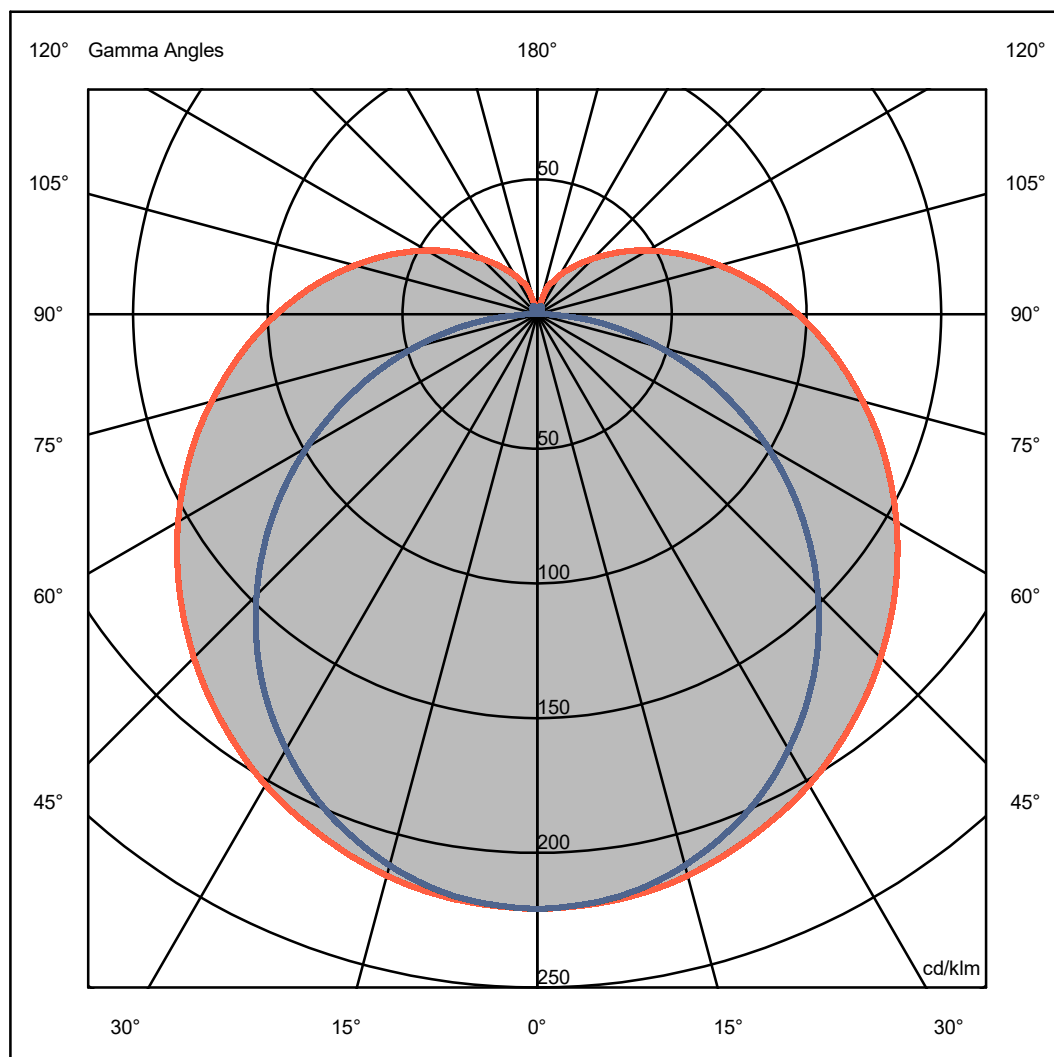
C Halfplanes

180.0 — 0.0  
270.0 — 90.0

ULOR 17.04 %

DLOR 82.96 %

RN 17.04 %



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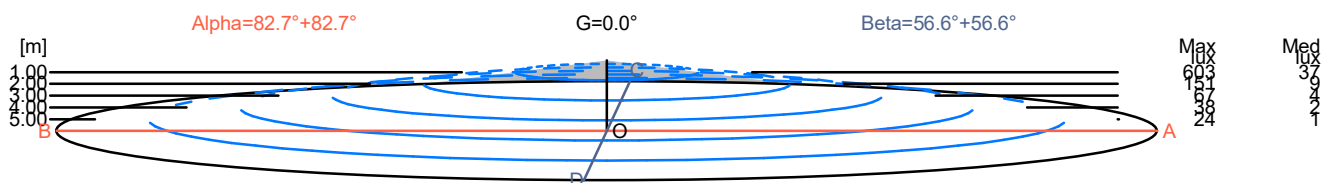
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Width at 50.00 % of Max Intensity

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	602.82	600.91	589.00	565.35	532.88	492.18	445.31	394.43	341.69	289.65
OB	602.82	600.91	589.00	565.35	532.88	492.18	445.31	394.43	341.69	289.65
OC	602.82	599.63	578.27	537.11	477.81	402.29	315.96	222.11	127.61	40.86
OD	602.82	599.63	578.27	537.11	477.81	402.29	315.96	222.11	127.61	40.86



H[m]	D[m]	Max lux	Med lux	Alpha=82.7°+82.7°	G=0.0
1.00	15.60	603	37		
2.00	31.19	151	9		
3.00	46.79	67	4		
4.00	62.39	38	2		
5.00	77.99	24	1		

H[m]	D[m]	Max lux	Med lux	Beta=56.6°+56.6°	G=0.0
1.00	3.03	603	37		
2.00	6.06	151	9		
3.00	9.09	67	4		
4.00	12.13	38	2		
5.00	15.16	24	1		

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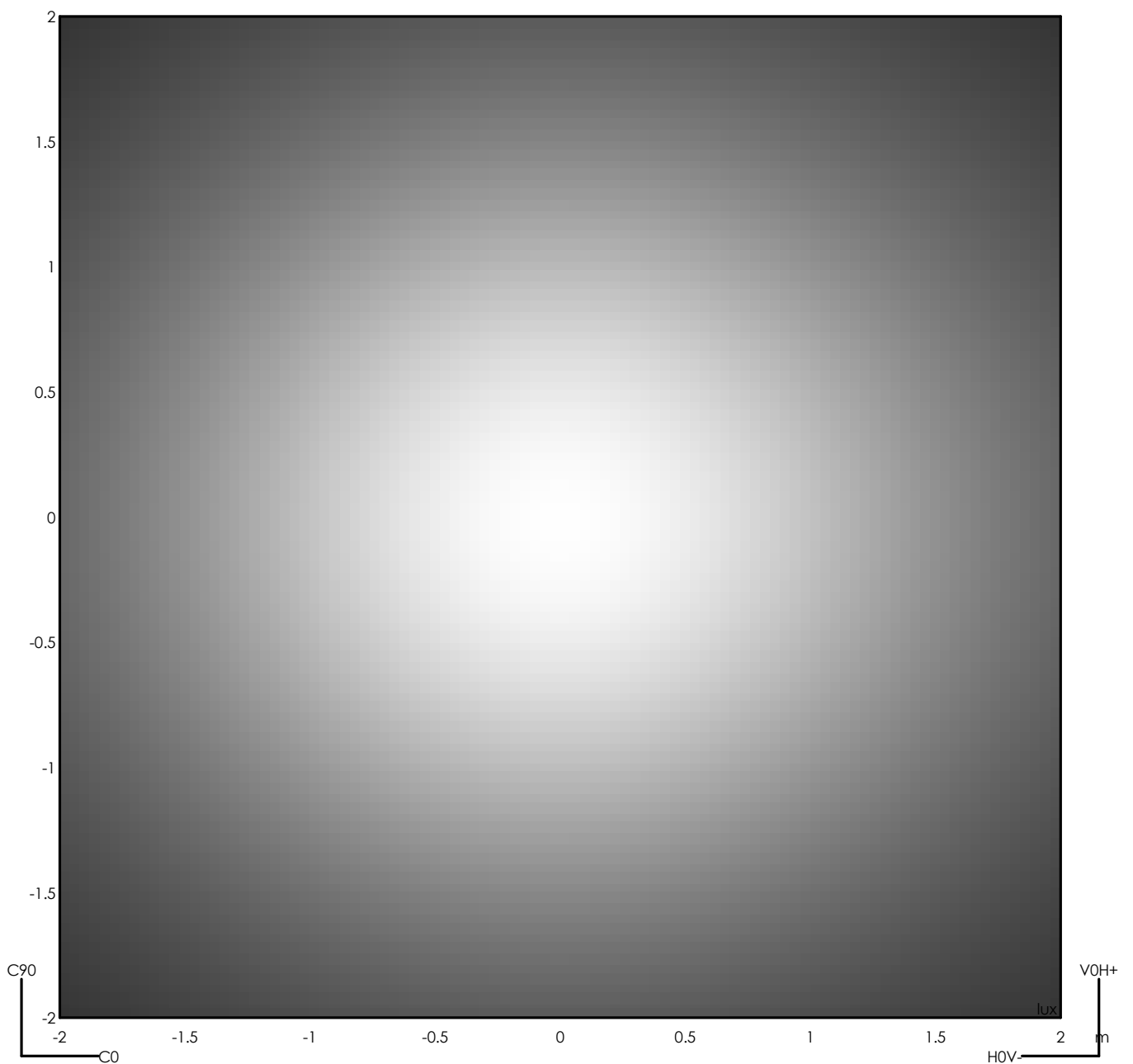
**Measurem.**

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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	18.8	20.0	19.3	20.5	21.1
x=2H y=3H	21.0	22.1	21.6	22.7	23.3	20.3	21.5	20.9	22.0	22.6
x=2H y=4H	22.0	23.1	22.6	23.7	24.3	21.0	22.0	21.6	22.6	23.3
x=2H y=6H	23.0	24.0	23.6	24.6	25.3	21.5	22.5	22.1	23.1	23.7
x=2H y=8H	23.5	24.5	24.1	25.1	25.8	21.7	22.6	22.3	23.2	23.9
x=2H y=12H	24.0	24.9	24.6	25.5	26.2	21.8	22.7	22.4	23.3	24.0
x=4H y=2H	19.6	20.6	20.1	21.2	21.8	19.4	20.5	20.0	21.0	21.7
x=4H y=3H	21.8	22.8	22.5	23.4	24.1	21.2	22.1	21.8	22.7	23.4
x=4H y=4H	23.0	23.9	23.7	24.5	25.2	22.0	22.8	22.6	23.4	24.1
x=4H y=6H	24.2	25.0	24.9	25.6	26.4	22.6	23.4	23.3	24.0	24.8
x=4H y=8H	24.8	25.5	25.5	26.2	26.9	22.8	23.5	23.5	24.2	25.0
x=4H y=12H	25.4	26.0	26.1	26.7	27.5	23.0	23.7	23.7	24.3	25.1
x=8H y=4H	23.4	24.1	24.0	24.7	25.5	22.4	23.1	23.1	23.8	24.6
x=8H y=6H	24.8	25.4	25.5	26.1	26.9	23.3	23.9	24.0	24.6	25.4
x=8H y=8H	25.5	26.0	26.3	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	24.0	24.4	24.7	25.1	26.0
x=12H y=4H	23.4	24.0	24.1	24.7	25.5	22.6	23.2	23.2	23.9	24.6
x=12H y=6H	24.9	25.4	25.6	26.1	26.9	23.5	24.0	24.2	24.8	25.6
x=12H y=8H	25.7	26.2	26.4	26.9	27.7	24.0	24.4	24.7	25.2	26.0

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	45°	50°	55°	60°	Average Luminance	70°	75°	80°	85°	
0.0°	8228	7873	7559	7271	65°	7017	6797	6595	6433	6321
90.0°	13170	12927	12638	12292	60°	11882	11424	10798	10067	8915

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

