

Luminaire

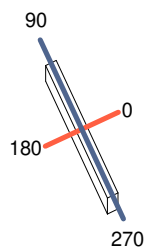
Code 90834L060
Name TRN L0590 DAZ 830

Measurem.

Code 7/7/2023
Name TRN L0590 DAZ 830

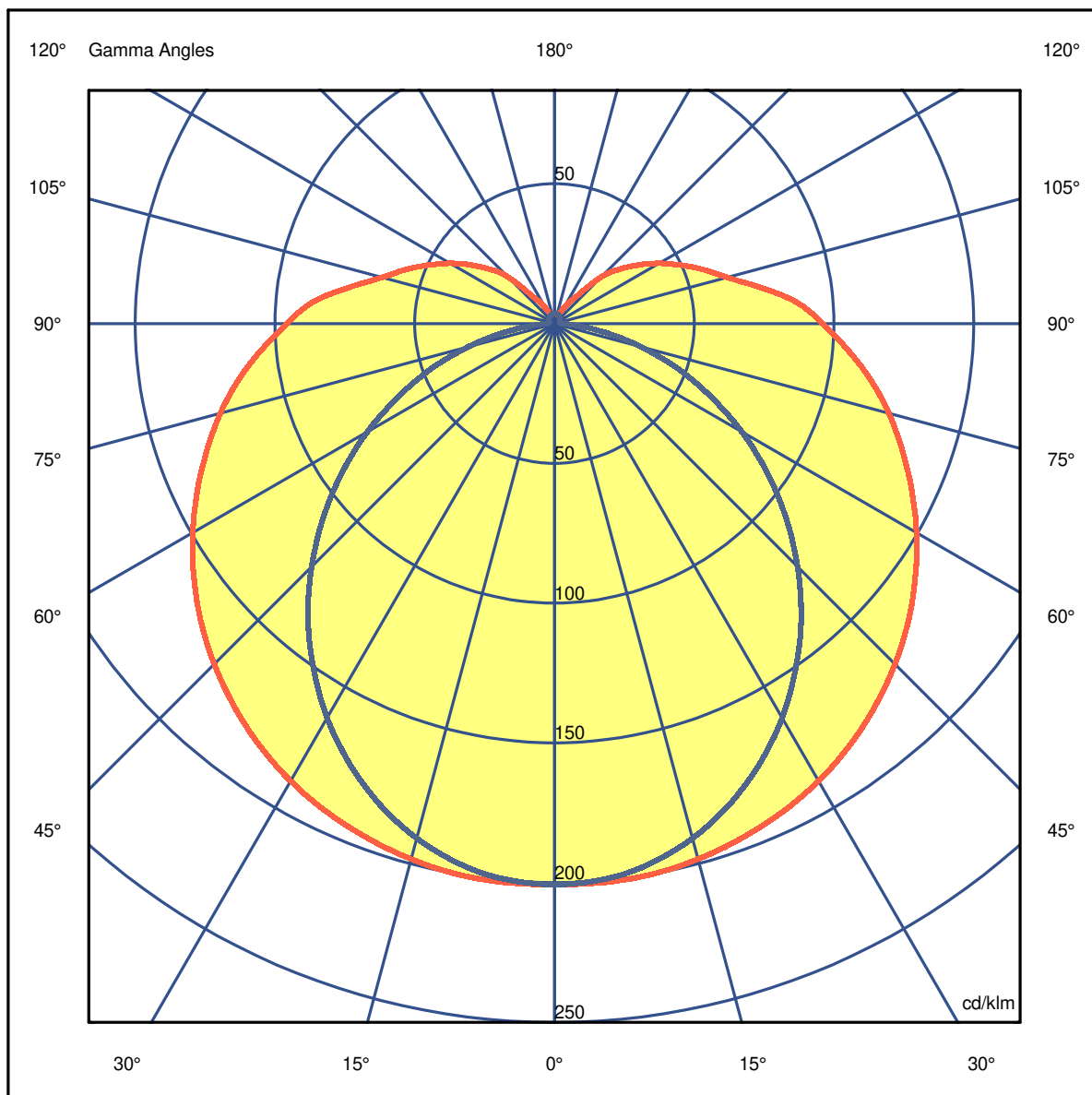
Luminaire Flux	1668 lm	Luminaire Power	12.3 W	Efficacy	135.804 lm/W	Efficiency	90.93%
Source Flux	1834 lm	Maximum value	200.70 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

590mm x 48mm



C Halfplanes

180.0 — 0.0
270.0 — 90.0



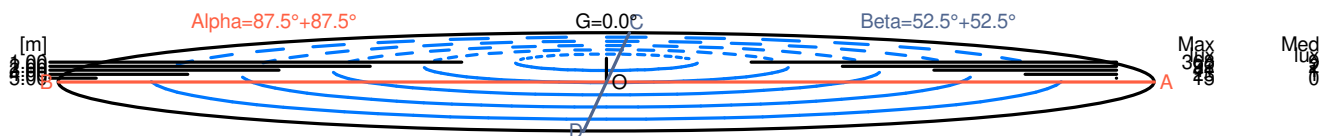
LuminaireCode 90834L060
Name TRN L0590 DAZ 830**Measurem.**Code 7/7/2023
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Luminaire Flux	1668 lm	Luminaire Power	12.3 W	Efficacy	135.804 lm/W	Efficiency	90.93%
Source Flux	1834 lm	Maximum value	200.70 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

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	22.99	45.98	68.96	91.95	114.94	OC	1.30	2.61	3.91	5.22	6.52
OB	22.99	45.98	68.96	91.95	114.94	OD	1.30	2.61	3.91	5.22	6.52

	0	5	15	25	35	45	55	65	75	85
OA	368.08	368.08	363.68	353.60	337.64	315.81	289.04	258.59	227.05	192.75
OB	368.08	368.08	363.68	353.60	337.64	315.81	289.04	258.59	227.05	192.75
OC	368.08	366.07	349.56	318.38	275.83	225.40	170.01	112.79	58.50	14.49
OD	368.08	366.07	349.56	318.38	275.83	225.40	170.01	112.79	58.50	14.49



H[m]	D[m]	Max lux	Med lux	Alpha=87.5°+87.5°	G=0.0	
1.00	45.98	368	9			
2.00	91.95	92	2			
3.00	137.93	41	1			
4.00	183.90	23	1			
5.00	229.88	15	0			

H[m]	D[m]	Max lux	Med lux	Beta=52.5°+52.5°	G=0.0	
1.00	2.61	368	9			
2.00	5.22	92	2			
3.00	7.83	41	1			
4.00	10.44	23	1			
5.00	13.04	15	0			

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Source Flux	1834 lm	Maximum value	200.70 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

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	19.9	21.1	20.4	21.7	22.2	18.3	19.5	18.8	20.0	20.6
x=2H y=3H	22.2	23.3	22.7	23.8	24.5	19.7	20.8	20.2	21.3	22.0
x=2H y=4H	23.3	24.4	23.9	25.0	25.6	20.2	21.3	20.8	21.8	22.5
x=2H y=6H	24.5	25.5	25.0	26.0	26.7	20.6	21.6	21.2	22.2	22.8
x=2H y=8H	25.0	26.0	25.6	26.6	27.2	20.7	21.7	21.3	22.3	22.9
x=2H y=12H	25.5	26.4	26.1	27.1	27.7	20.7	21.7	21.4	22.3	23.0
x=4H y=2H	20.5	21.5	21.0	22.1	22.7	19.3	20.3	19.8	20.9	21.5
x=4H y=3H	23.0	23.9	23.6	24.5	25.2	20.9	21.8	21.5	22.4	23.1
x=4H y=4H	24.3	25.2	25.0	25.8	26.5	21.6	22.5	22.3	23.1	23.8
x=4H y=6H	25.7	26.4	26.3	27.0	27.8	22.2	22.9	22.8	23.5	24.3
x=4H y=8H	26.3	27.0	27.0	27.6	28.4	22.3	23.0	23.0	23.7	24.4
x=4H y=12H	26.9	27.6	27.6	28.2	29.0	22.4	23.1	23.1	23.8	24.5
x=8H y=4H	24.6	25.3	25.3	26.0	26.7	22.4	23.1	23.1	23.7	24.5
x=8H y=6H	26.2	26.8	26.9	27.5	28.3	23.3	23.8	23.9	24.5	25.3
x=8H y=8H	27.0	27.6	27.7	28.3	29.1	23.6	24.1	24.3	24.8	25.6
x=8H y=12H	27.9	28.3	28.6	29.0	29.9	23.8	24.3	24.6	25.0	25.9
x=12H y=4H	24.6	25.3	25.3	26.0	26.7	22.6	23.2	23.3	23.9	24.7
x=12H y=6H	26.3	26.8	27.0	27.5	28.4	23.6	24.1	24.3	24.8	25.6
x=12H y=8H	27.2	27.7	27.9	28.4	29.2	24.1	24.5	24.8	25.2	26.1

Luminaire

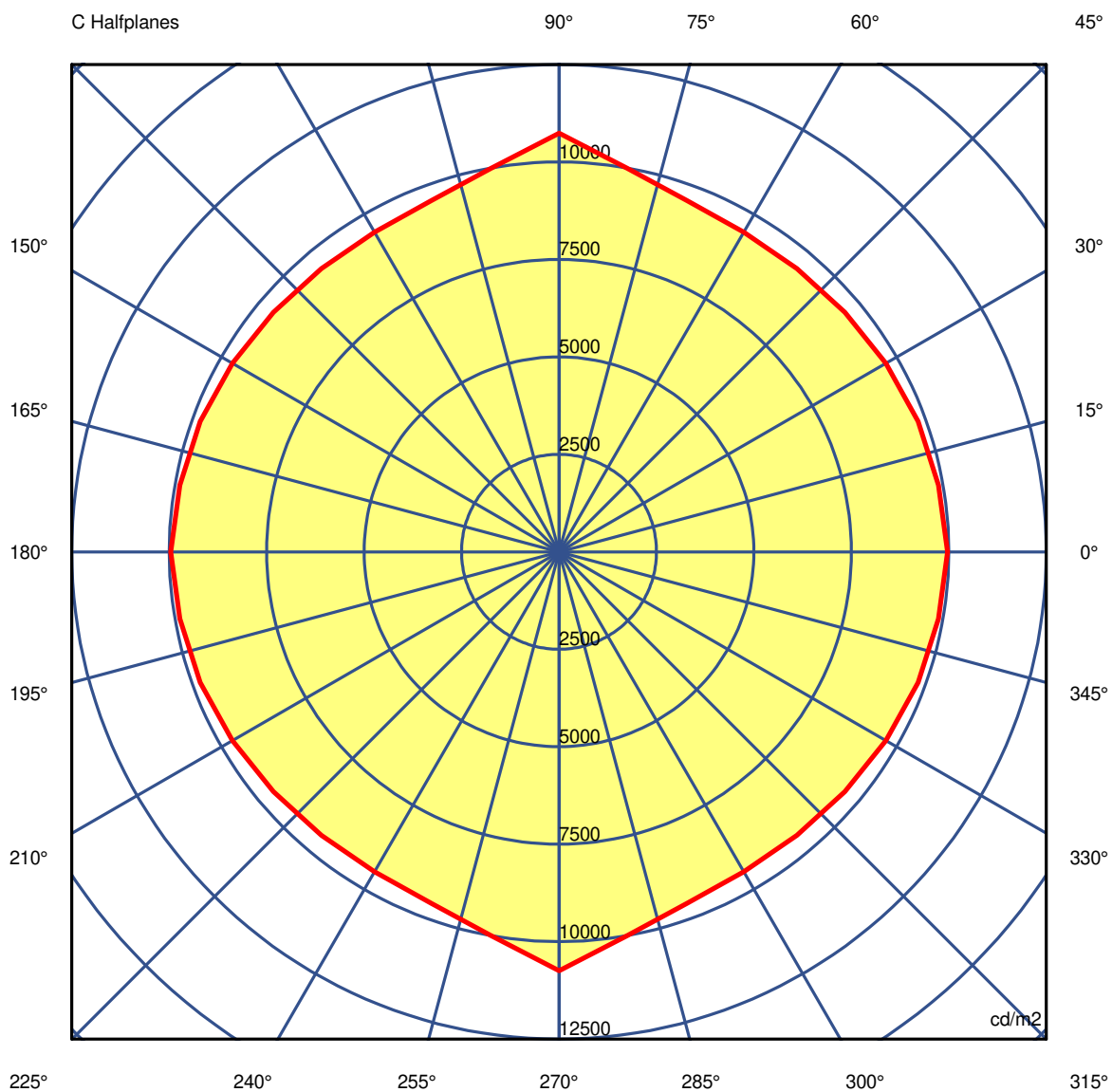
Code 90834L060
Name TRN L0590 DAZ 830

Measurem.

Code 7/7/2023
Name TRN L0590 DAZ 830

Luminaire Flux	1668 lm	Luminaire Power	12.3 W	Efficacy	135.804 lm/W	Efficiency	90.93%
Source Flux	1834 lm	Maximum value	200.70 cd/klm	Position	C=0.00 G=0.00	CG Double Symmetrical	

Luminance



45.0°

LuminaireCode 90834L060
Name TRN L0590 DAZ 830**Measurement**Code 7/7/2023
Name TRN L0590 DAZ 830

Luminaire Flux	1668 lm		Luminaire Power		12.3 W		Efficacy		135.804 lm/W		Efficiency		90.93%	
Source Flux	1834 lm		Maximum value		200.70 cd/klm		Position		C=0.00 G=0.00		CG		Double Symmetrical	
Luminance cd/m2														
Table 1/3														
	C 0.00	C 10.00	C 20.00	C 30.00	C 40.00	C 50.00	C 60.00	C 70.00	C 80.00	C 90.00	C 100.00	C 110.00	C 120.00	
G 0.0	12997	12997	12997	12997	12997	12997	12997	12997	12997	12997	12997	12997	12997	
G 5.0	12413	12411	12423	12451	12497	12557	12627	12709	12810	12922	12810	12709	12627	
G 10.0	11925	11921	11939	11976	12040	12134	12255	12402	12583	12795	12583	12402	12255	
G 15.0	11498	11483	11501	11545	11617	11725	11874	12066	12316	12618	12316	12066	11874	
G 20.0	11131	11104	11111	11142	11206	11314	11477	11703	12012	12397	12012	11703	11477	
G 25.0	10830	10798	10790	10793	10825	10913	11072	11312	11667	12136	11667	11312	11072	
G 30.0	10567	10523	10500	10477	10478	10531	10664	10904	11300	11849	11300	10904	10664	
G 35.0	10334	10278	10238	10188	10154	10162	10252	10477	10896	11508	10896	10477	10252	
G 40.0	10131	10064	10002	9919	9852	9818	9853	10037	10469	11163	10469	10037	9853	
G 45.0	9961	9880	9799	9680	9566	9484	9469	9590	10002	10746	10002	9590	9469	
G 50.0	9824	9729	9625	9467	9303	9166	9082	9116	9496	10308	9496	9116	9082	
G 55.0	9707	9599	9477	9288	9075	8879	8717	8640	8956	9802	8956	8640	8717	
G 60.0	9632	9514	9372	9146	8887	8622	8364	8181	8418	9251	8418	8181	8364	
G 65.0	9599	9461	9300	9047	8745	8417	8057	7716	7803	8553	7803	7716	8057	
G 70.0	9632	9483	9305	9015	8659	8264	7794	7236	7130	7839	7130	7236	7794	
G 75.0	9750	9579	9380	9061	8671	8211	7612	6826	6414	6781	6414	6826	7612	
G 80.0	9929	9747	9543	9212	8792	8275	7556	6519	5699	5466	5699	6519	7556	
G 85.0	10185	10001	9803	9471	9040	8493	7688	6415	5109	3806	5109	6415	7688	
G 90.0	10647	10440	10248	9930	9512	8978	8174	6809	5316	3002	5316	6809	8174	

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Source Flux	1834 lm	Maximum value		200.70 cd/klm		Position		C=0.00 G=0.00		CG		Double Symmetrical	
Luminance cd/m2 Table 2/3													
	C 130.00	C 140.00	C 150.00	C 160.00	C 170.00	C 180.00	C 190.00	C 200.00	C 210.00	C 220.00	C 230.00	C 240.00	C 250.00
G 0.0	12997	12997	12997	12997	12997	12997	12997	12997	12997	12997	12997	12997	12997
G 5.0	12557	12497	12451	12423	12411	12413	12411	12423	12451	12497	12557	12627	12709
G 10.0	12134	12040	11976	11939	11921	11925	11921	11939	11976	12040	12134	12255	12402
G 15.0	11725	11617	11545	11501	11483	11498	11483	11501	11545	11617	11725	11874	12066
G 20.0	11314	11206	11142	11111	11104	11131	11104	11111	11142	11206	11314	11477	11703
G 25.0	10913	10825	10793	10790	10798	10830	10798	10790	10793	10825	10913	11072	11312
G 30.0	10531	10478	10477	10500	10523	10567	10523	10500	10477	10478	10531	10664	10904
G 35.0	10162	10154	10188	10238	10278	10334	10278	10238	10188	10154	10162	10252	10477
G 40.0	9818	9852	9919	10002	10064	10131	10064	10002	9919	9852	9818	9853	10037
G 45.0	9484	9566	9680	9799	9880	9961	9880	9799	9680	9566	9484	9469	9590
G 50.0	9166	9303	9467	9625	9729	9824	9729	9625	9467	9303	9166	9082	9116
G 55.0	8879	9075	9288	9477	9599	9707	9599	9477	9288	9075	8879	8717	8640
G 60.0	8622	8887	9146	9372	9514	9632	9514	9372	9146	8887	8622	8364	8181
G 65.0	8417	8745	9047	9300	9461	9599	9461	9300	9047	8745	8417	8057	7716
G 70.0	8264	8659	9015	9305	9483	9632	9483	9305	9015	8659	8264	7794	7236
G 75.0	8211	8671	9061	9380	9579	9750	9579	9380	9061	8671	8211	7612	6826
G 80.0	8275	8792	9212	9543	9747	9929	9747	9543	9212	8792	8275	7556	6519
G 85.0	8493	9040	9471	9803	10001	10185	10001	9803	9471	9040	8493	7688	6415
G 90.0	8978	9512	9930	10248	10440	10647	10440	10248	9930	9512	8978	8174	6809

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Source Flux	1834 lm	Maximum value	200.70 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Luminance cd/m2 Table 3/3

	C 260.00	C 270.00	C 280.00	C 290.00	C 300.00	C 310.00	C 320.00	C 330.00	C 340.00	C 350.00
G 0.0	12997	12997	12997	12997	12997	12997	12997	12997	12997	12997
G 5.0	12810	12922	12810	12709	12627	12557	12497	12451	12423	12411
G 10.0	12583	12795	12583	12402	12255	12134	12040	11976	11939	11921
G 15.0	12316	12618	12316	12066	11874	11725	11617	11545	11501	11483
G 20.0	12012	12397	12012	11703	11477	11314	11206	11142	11111	11104
G 25.0	11667	12136	11667	11312	11072	10913	10825	10793	10790	10798
G 30.0	11300	11849	11300	10904	10664	10531	10478	10477	10500	10523
G 35.0	10896	11508	10896	10477	10252	10162	10154	10188	10238	10278
G 40.0	10469	11163	10469	10037	9853	9818	9852	9919	10002	10064
G 45.0	10002	10746	10002	9590	9469	9484	9566	9680	9799	9880
G 50.0	9496	10308	9496	9116	9082	9166	9303	9467	9625	9729
G 55.0	8956	9802	8956	8640	8717	8879	9075	9288	9477	9599
G 60.0	8418	9251	8418	8181	8364	8622	8887	9146	9372	9514
G 65.0	7803	8553	7803	7716	8057	8417	8745	9047	9300	9461
G 70.0	7130	7839	7130	7236	7794	8264	8659	9015	9305	9483
G 75.0	6414	6781	6414	6826	7612	8211	8671	9061	9380	9579
G 80.0	5699	5466	5699	6519	7556	8275	8792	9212	9543	9747
G 85.0	5109	3806	5109	6415	7688	8493	9040	9471	9803	10001
G 90.0	5316	3002	5316	6809	8174	8978	9512	9930	10248	10440