

Luminaire

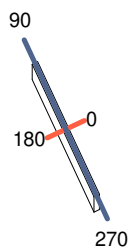
Code 90834L120
Name TRN L1150 DAZ 830

Measurem.

Code 7/7/2023
Name TRN L1150 DAZ 830

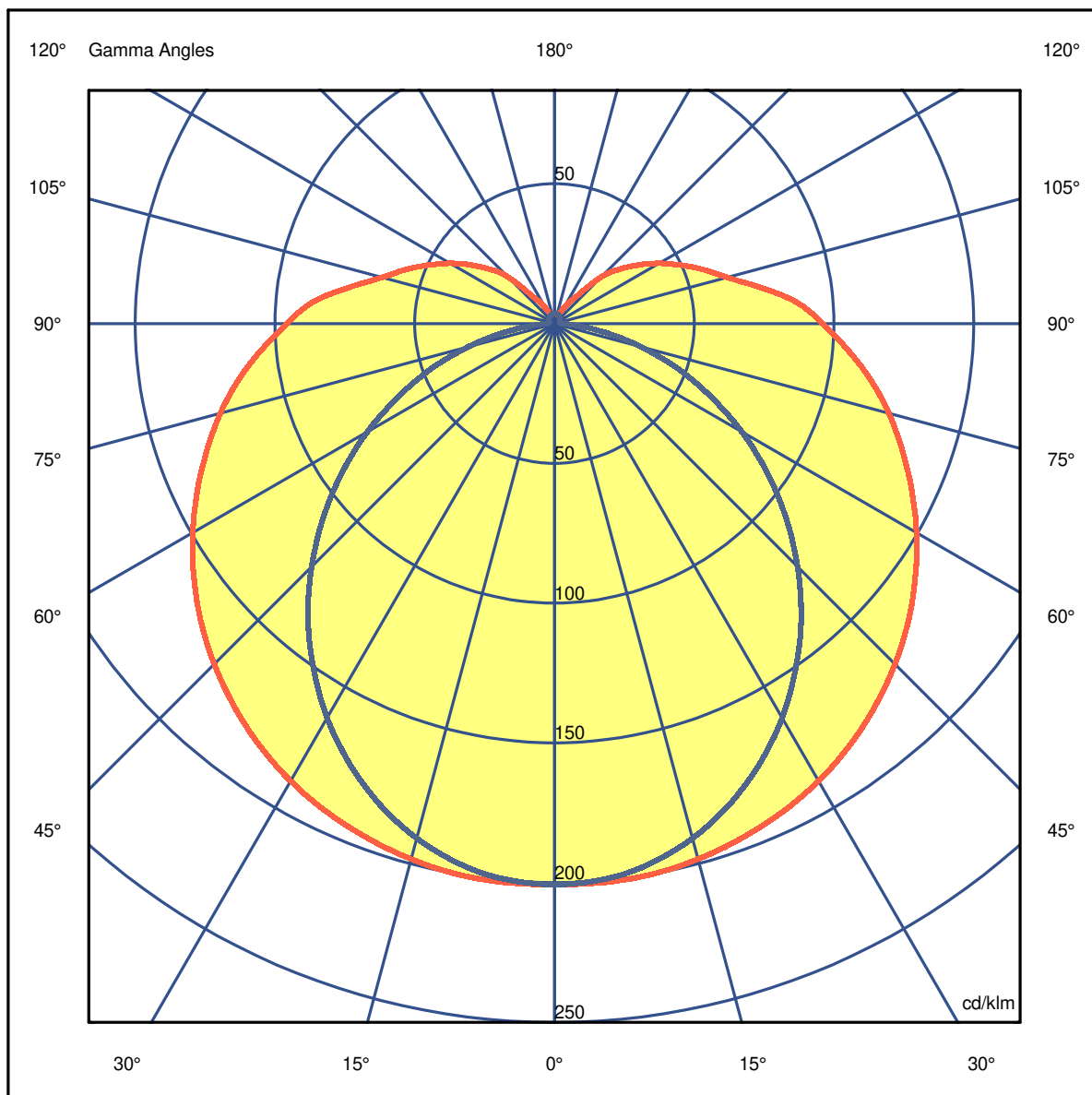
Luminaire Flux	3335 lm	Luminaire Power	23.1 W	Efficacy	144.200 lm/W	Efficiency	90.93%
Source Flux	3668 lm	Maximum value	200.70 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

1150mm x 48mm



C Halfplanes

180.0 ————— 0.0
270.0 ————— 90.0



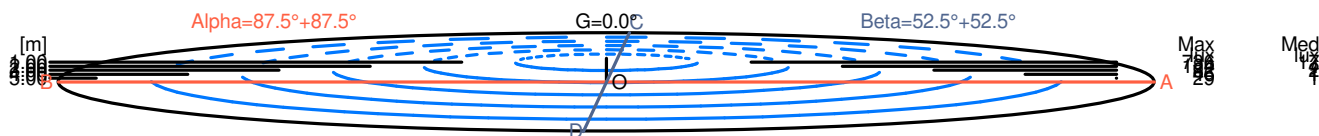
LuminaireCode 90834L120
Name TRN L1150 DAZ 830**Measurem.**Code 7/7/2023
Name TRN L1150 DAZ 830

Luminaire Flux	3335 lm	Luminaire Power	23.1 W	Efficacy	144.200 lm/W	Efficiency	90.93%
Source Flux	3668 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	736.17	736.17	727.36	707.19	675.28	631.63	578.08	517.19	454.10	385.51
OB	736.17	736.17	727.36	707.19	675.28	631.63	578.08	517.19	454.10	385.51
OC	736.17	732.13	699.12	636.76	551.67	450.80	340.02	225.58	117.01	28.98
OD	736.17	732.13	699.12	636.76	551.67	450.80	340.02	225.58	117.01	28.98



H[m]	D[m]	Max lux	Med lux	Alpha=87.5°+87.5°	G=0.0
1.00	45.98	736	17		
2.00	91.95	184	4		
3.00	137.93	82	2		
4.00	183.90	46	1		
5.00	229.88	29	1		

H[m]	D[m]	Max lux	Med lux	Beta=52.5°+52.5°	G=0.0
1.00	2.61	736	17		
2.00	5.22	184	4		
3.00	7.83	82	2		
4.00	10.44	46	1		
5.00	13.04	29	1		

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Luminaire Flux	3335 lm	Luminaire Power	23.1 W	Efficacy	144.200 lm/W	Efficiency	90.93%
Source Flux	3668 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	20.0	21.3	20.5	21.8	22.3	18.4	19.7	19.0	20.2	20.8
x=2H y=3H	22.3	23.4	22.8	24.0	24.6	19.9	21.0	20.4	21.5	22.2
x=2H y=4H	23.4	24.5	24.0	25.1	25.7	20.4	21.5	21.0	22.1	22.7
x=2H y=6H	24.6	25.6	25.1	26.1	26.8	20.8	21.8	21.4	22.4	23.1
x=2H y=8H	25.1	26.1	25.7	26.7	27.3	20.9	21.9	21.5	22.5	23.2
x=2H y=12H	25.6	26.5	26.2	27.2	27.8	21.0	21.9	21.6	22.5	23.2
x=4H y=2H	20.6	21.7	21.2	22.2	22.9	19.4	20.5	20.0	21.1	21.7
x=4H y=3H	23.1	24.0	23.7	24.6	25.3	21.1	22.0	21.7	22.6	23.3
x=4H y=4H	24.4	25.3	25.1	25.9	26.6	21.8	22.7	22.5	23.3	24.0
x=4H y=6H	25.8	26.5	26.4	27.2	27.9	22.4	23.1	23.0	23.8	24.5
x=4H y=8H	26.4	27.1	27.1	27.8	28.5	22.6	23.3	23.2	23.9	24.7
x=4H y=12H	27.1	27.7	27.7	28.4	29.1	22.7	23.3	23.4	24.0	24.8
x=8H y=4H	24.8	25.4	25.4	26.1	26.8	22.6	23.3	23.3	23.9	24.7
x=8H y=6H	26.3	26.9	27.0	27.6	28.4	23.5	24.0	24.2	24.7	25.5
x=8H y=8H	27.2	27.7	27.9	28.4	29.2	23.8	24.3	24.5	25.0	25.9
x=8H y=12H	28.0	28.4	28.7	29.2	30.0	24.1	24.5	24.8	25.3	26.1
x=12H y=4H	24.8	25.4	25.5	26.1	26.9	22.8	23.4	23.5	24.1	24.9
x=12H y=6H	26.4	27.0	27.1	27.7	28.5	23.8	24.3	24.5	25.0	25.9
x=12H y=8H	27.3	27.8	28.1	28.5	29.3	24.3	24.7	25.0	25.5	26.3

Luminaire

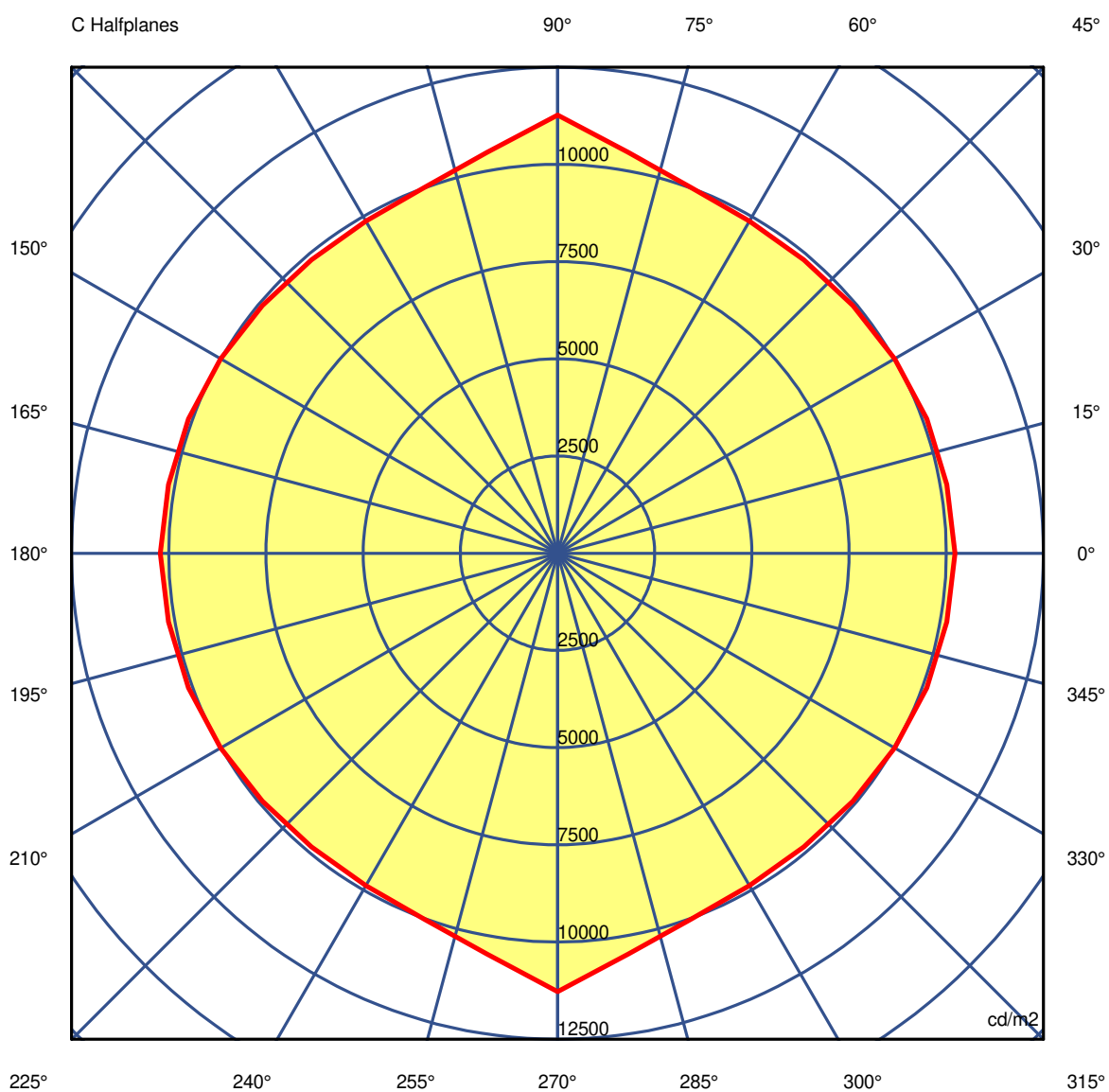
Code 90834L120
Name TRN L1150 DAZ 830

Measurem.

Code 7/7/2023
Name TRN L1150 DAZ 830

Luminaire Flux	3335 lm	Luminaire Power	23.1 W	Efficacy	144.200 lm/W	Efficiency	90.93%
Source Flux	3668 lm	Maximum value	200.70 cd/klm	Position	C=0.00 G=0.00	CG Double Symmetrical	

Luminance



45.0°

LuminaireCode 90834L120
Name TRN L1150 DAZ 830**Measurem.**Code 7/7/2023
Name TRN L1150 DAZ 830

Luminaire Flux	3335 lm		Luminaire Power		23.1 W		Efficacy		144.200 lm/W		Efficiency		90.93%	
Source Flux	3668 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	13336	13336	13336	13336	13336	13336	13336	13336	13336	13336	13336	13336	13336	
G 5.0	12737	12739	12756	12788	12839	12904	12979	13065	13170	13286	13170	13065	12979	
G 10.0	12236	12240	12266	12311	12384	12487	12617	12773	12962	13182	12962	12773	12617	
G 15.0	11798	11794	11823	11878	11962	12083	12244	12449	12712	13027	12712	12449	12244	
G 20.0	11421	11407	11428	11473	11551	11674	11853	12096	12423	12827	12423	12096	11853	
G 25.0	11113	11096	11104	11123	11171	11276	11454	11714	12092	12585	12092	11714	11454	
G 30.0	10842	10816	10811	10806	10824	10895	11049	11312	11737	12318	11737	11312	11049	
G 35.0	10603	10567	10547	10516	10501	10529	10641	10891	11344	11996	11344	10891	10641	
G 40.0	10395	10350	10310	10246	10200	10186	10245	10457	10928	11671	10928	10457	10245	
G 45.0	10220	10164	10105	10008	9915	9855	9864	10015	10470	11275	10470	10015	9864	
G 50.0	10080	10012	9932	9797	9655	9540	9481	9545	9974	10860	9974	9545	9481	
G 55.0	9960	9880	9785	9621	9431	9258	9121	9074	9443	10378	9443	9074	9121	
G 60.0	9883	9796	9683	9483	9249	9008	8775	8622	8918	9857	8918	8622	8775	
G 65.0	9849	9746	9617	9392	9117	8814	8479	8167	8314	9190	8314	8167	8479	
G 70.0	9883	9772	9629	9372	9044	8678	8234	7700	7656	8522	7656	7700	8234	
G 75.0	10004	9876	9717	9435	9078	8651	8079	7314	6962	7508	6962	7314	8079	
G 80.0	10188	10054	9898	9610	9231	8754	8071	7053	6289	6254	6289	7053	8071	
G 85.0	10451	10323	10182	9903	9527	9035	8283	7043	5803	4712	5803	7043	8283	
G 90.0	10924	10787	10664	10417	10073	9627	8924	7669	6446	6004	6446	7669	8924	

LuminaireCode 90834L120
Name TRN L1150 DAZ 830**Measurement**Code 7/7/2023
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Luminaire Flux		3335 lm		Luminaire Power		23.1 W		Efficacy		144.200 lm/W		Efficiency		90.93%											
Source Flux		3668 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	13336	13336	13336	13336	13336	13336	13336	13336	13336	13336	13336	13336	13336	13336	13336	13336	13336	13336	13336	13336	13336	13336	13336	13336	13336
G 5.0	12904	12839	12788	12756	12739	12737	12739	12756	12788	12839	12904	12979	13065	13151	13237	13323	13409	13495	13581	13667	13753	13839	13925	14011	14097
G 10.0	12487	12384	12311	12266	12240	12236	12240	12266	12311	12384	12487	12617	12773	12904	13035	13166	13297	13428	13559	13690	13821	13952	14083	14214	14345
G 15.0	12083	11962	11878	11823	11794	11798	11794	11823	11878	11962	12083	12244	12449	12650	12851	13052	13253	13454	13655	13856	14057	14258	14459	14660	14861
G 20.0	11674	11551	11473	11428	11407	11421	11407	11428	11473	11551	11674	11853	12096	12339	12582	12825	13068	13311	13554	13797	14040	14283	14526	14769	15012
G 25.0	11276	11171	11123	11104	11096	11113	11096	11104	11123	11171	11276	11454	11714	11974	12234	12494	12754	13014	13274	13534	13794	14054	14314	14574	14834
G 30.0	10895	10824	10806	10811	10816	10842	10816	10811	10806	10824	10895	11049	11312	11575	11838	12101	12364	12627	12890	13153	13416	13679	13942	14205	14468
G 35.0	10529	10501	10516	10547	10567	10603	10567	10547	10516	10501	10529	10641	10891	11141	11391	11641	11891	12141	12391	12641	12891	13141	13391	13641	13891
G 40.0	10186	10200	10246	10310	10350	10395	10350	10310	10246	10200	10186	10245	10457	10669	10881	11093	11305	11517	11729	11941	12153	12365	12577	12789	12999
G 45.0	9855	9915	10008	10105	10164	10220	10164	10105	10008	9915	9855	9864	10015	10166	10317	10468	10619	10770	10921	11072	11223	11374	11525	11676	11827
G 50.0	9540	9655	9797	9932	10012	10080	10012	9932	9797	9655	9540	9481	9545	9650	9755	9860	9965	10070	10175	10280	10385	10490	10595	10700	10805
G 55.0	9258	9431	9621	9785	9880	9960	9880	9785	9621	9431	9258	9121	9074	9180	9285	9391	9496	9601	9706	9811	9917	10022	10127	10232	10337
G 60.0	9008	9249	9483	9683	9796	9883	9796	9683	9483	9249	9008	8775	8622	8728	8834	8939	9045	9150	9256	9361	9467	9572	9678	9783	9889
G 65.0	8814	9117	9392	9617	9746	9849	9746	9617	9392	9117	8814	8479	8167	8273	8379	8485	8591	8696	8802	8908	9014	9119	9225	9330	9436
G 70.0	8678	9044	9372	9629	9772	9883	9772	9629	9372	9044	8678	8234	7700	7771	7842	7913	7984	8055	8126	8197	8268	8339	8409	8480	8551
G 75.0	8651	9078	9435	9717	9876	10004	9876	9717	9435	9078	8651	8079	7314	7385	7456	7527	7598	7669	7739	7810	7881	7952	8023	8094	8165
G 80.0	8754	9231	9610	9898	10054	10188	10054	9898	9610	9231	8754	8071	7053	7124	7195	7266	7337	7408	7479	7549	7620	7691	7762	7833	7904
G 85.0	9035	9527	9903	10182	10323	10451	10323	10182	9903	9527	9035	8283	7043	7114	7185	7256	7327	7398	7469	7539	7610	7681	7752	7823	7894
G 90.0	9627	10073	10417	10664	10787	10924	10787	10664	10417	10073	9627	8924	7669	7740	7811	7882	7953	8024	8095	8166	8236	8307	8378	8449	8520

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Source Flux	3668 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	13336	13336	13336	13336	13336	13336	13336	13336	13336	13336
G 5.0	13170	13286	13170	13065	12979	12904	12839	12788	12756	12739
G 10.0	12962	13182	12962	12773	12617	12487	12384	12311	12266	12240
G 15.0	12712	13027	12712	12449	12244	12083	11962	11878	11823	11794
G 20.0	12423	12827	12423	12096	11853	11674	11551	11473	11428	11407
G 25.0	12092	12585	12092	11714	11454	11276	11171	11123	11104	11096
G 30.0	11737	12318	11737	11312	11049	10895	10824	10806	10811	10816
G 35.0	11344	11996	11344	10891	10641	10529	10501	10516	10547	10567
G 40.0	10928	11671	10928	10457	10245	10186	10200	10246	10310	10350
G 45.0	10470	11275	10470	10015	9864	9855	9915	10008	10105	10164
G 50.0	9974	10860	9974	9545	9481	9540	9655	9797	9932	10012
G 55.0	9443	10378	9443	9074	9121	9258	9431	9621	9785	9880
G 60.0	8918	9857	8918	8622	8775	9008	9249	9483	9683	9796
G 65.0	8314	9190	8314	8167	8479	8814	9117	9392	9617	9746
G 70.0	7656	8522	7656	7700	8234	8678	9044	9372	9629	9772
G 75.0	6962	7508	6962	7314	8079	8651	9078	9435	9717	9876
G 80.0	6289	6254	6289	7053	8071	8754	9231	9610	9898	10054
G 85.0	5803	4712	5803	7043	8283	9035	9527	9903	10182	10323
G 90.0	6446	6004	6446	7669	8924	9627	10073	10417	10664	10787