

**Luminaire**

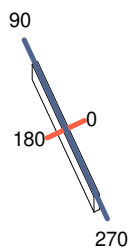
Code 90834L120  
Name TRN L1150 DAZ 840

**Measurem.**

Code 7/7/2023  
Name TRN L1150 DAZ 840

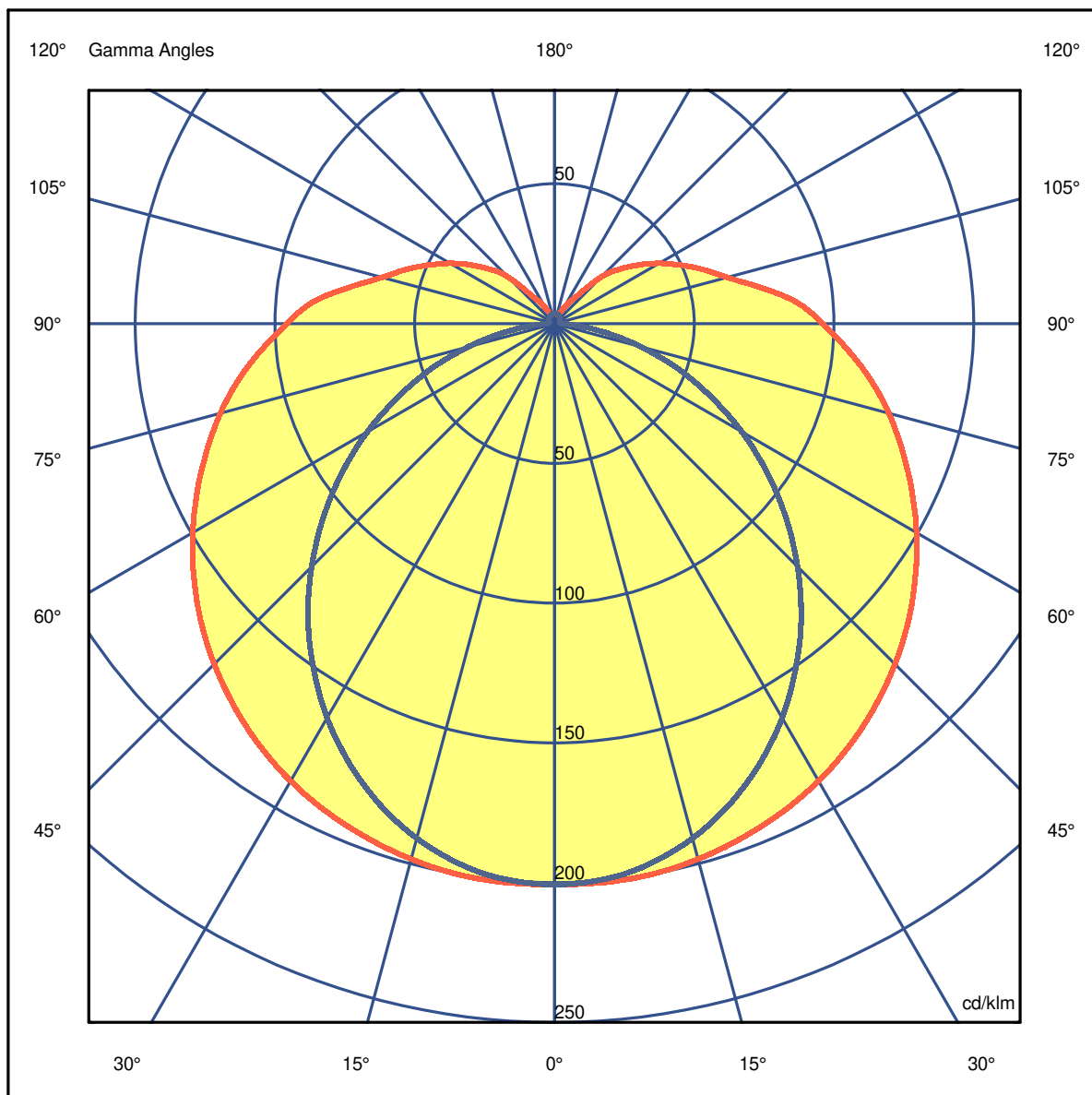
Luminaire Flux	3492 lm	Luminaire Power	23.1 W	Efficacy	150.962 lm/W	Efficiency	90.93%
Source Flux	3840 lm	Maximum value	200.70 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

1150mm x 48mm



C Halfplanes

180.0 ————— 0.0  
270.0 ————— 90.0



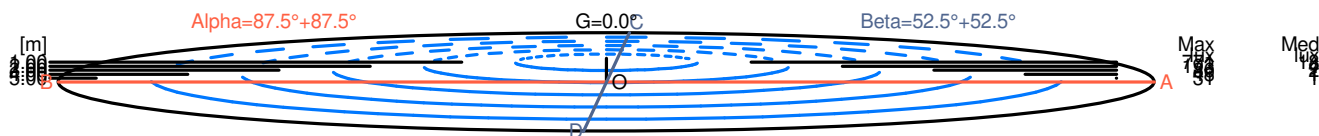
**Luminaire**Code 90834L120  
Name TRN L1150 DAZ 840**Measurem.**Code 7/7/2023  
Name TRN L1150 DAZ 840

Luminaire Flux	3492 lm	Luminaire Power	23.1 W	Efficacy	150.962 lm/W	Efficiency	90.93%
Source Flux	3840 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

	Luminous Intensities [ cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	770.69	770.69	761.47	740.35	706.94	661.25	605.18	541.44	475.39	403.58
OB	770.69	770.69	761.47	740.35	706.94	661.25	605.18	541.44	475.39	403.58
OC	770.69	766.46	731.90	666.62	577.54	471.94	355.97	236.16	122.50	30.34
OD	770.69	766.46	731.90	666.62	577.54	471.94	355.97	236.16	122.50	30.34



H[m]	D[m]	Max lux	Med lux	Alpha=87.5°+87.5°	G=0.0	
1.00	45.98	771	18			
2.00	91.95	193	4			
3.00	137.93	86	2			
4.00	183.90	48	1			
5.00	229.88	31	1			

H[m]	D[m]	Max lux	Med lux	Beta=52.5°+52.5°	G=0.0	
1.00	2.61	771	18			
2.00	5.22	193	4			
3.00	7.83	86	2			
4.00	10.44	48	1			
5.00	13.04	31	1			

**Luminaire**Code 90834L120  
Name TRN L1150 DAZ 840**Measurem.**Code 7/7/2023  
Name TRN L1150 DAZ 840

Luminaire Flux	3492 lm	Luminaire Power	23.1 W	Efficacy	150.962 lm/W	Efficiency	90.93%
Source Flux	3840 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	20.2	21.4	20.7	21.9	22.5	18.6	19.9	19.1	20.4	20.9
x=2H y=3H	22.4	23.6	23.0	24.1	24.7	20.0	21.2	20.6	21.7	22.3
x=2H y=4H	23.6	24.7	24.2	25.2	25.9	20.6	21.6	21.1	22.2	22.8
x=2H y=6H	24.7	25.7	25.3	26.3	27.0	21.0	22.0	21.6	22.6	23.2
x=2H y=8H	25.3	26.2	25.9	26.8	27.5	21.1	22.1	21.7	22.7	23.3
x=2H y=12H	25.8	26.7	26.4	27.3	28.0	21.2	22.1	21.8	22.7	23.4
x=4H y=2H	20.8	21.8	21.3	22.4	23.0	19.6	20.6	20.1	21.2	21.8
x=4H y=3H	23.3	24.2	23.9	24.8	25.5	21.3	22.2	21.9	22.8	23.5
x=4H y=4H	24.6	25.4	25.2	26.1	26.8	22.0	22.8	22.6	23.5	24.2
x=4H y=6H	25.9	26.7	26.6	27.3	28.1	22.5	23.3	23.2	23.9	24.7
x=4H y=8H	26.6	27.3	27.2	27.9	28.7	22.7	23.4	23.4	24.1	24.8
x=4H y=12H	27.2	27.9	27.9	28.5	29.3	22.9	23.5	23.5	24.2	24.9
x=8H y=4H	24.9	25.6	25.6	26.3	27.0	22.8	23.4	23.4	24.1	24.9
x=8H y=6H	26.5	27.1	27.2	27.8	28.6	23.6	24.2	24.3	24.9	25.7
x=8H y=8H	27.3	27.8	28.0	28.5	29.4	24.0	24.5	24.7	25.2	26.0
x=8H y=12H	28.1	28.6	28.9	29.3	30.2	24.2	24.7	25.0	25.4	26.3
x=12H y=4H	24.9	25.6	25.6	26.2	27.0	22.9	23.6	23.6	24.2	25.0
x=12H y=6H	26.6	27.1	27.3	27.8	28.6	24.0	24.5	24.7	25.2	26.0
x=12H y=8H	27.5	28.0	28.2	28.7	29.5	24.4	24.9	25.2	25.6	26.5

**Luminaire**

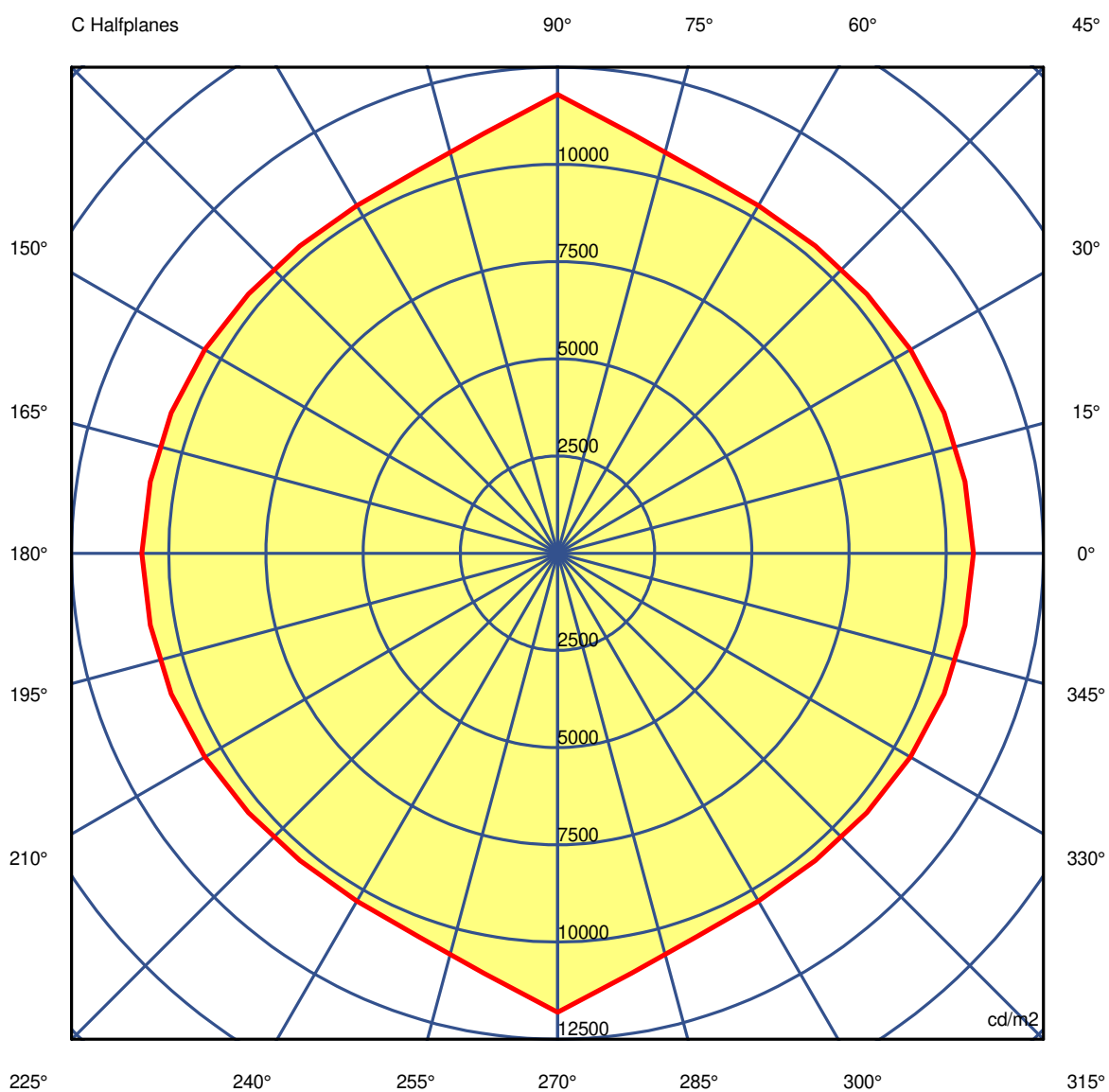
Code 90834L120  
Name TRN L1150 DAZ 840

**Measurem.**

Code 7/7/2023  
Name TRN L1150 DAZ 840

Luminaire Flux	3492 lm	Luminaire Power	23.1 W	Efficacy	150.962 lm/W	Efficiency	90.93%
Source Flux	3840 lm	Maximum value	200.70 cd/klm	Position	C=0.00 G=0.00	CG Double Symmetrical	

Luminance



45.0°

**Luminaire**Code 90834L120  
Name TRN L1150 DAZ 840**Measurement**Code 7/7/2023  
Name TRN L1150 DAZ 840

Luminaire Flux	3492 lm		Luminaire Power		23.1 W		Efficacy		150.962 lm/W		Efficiency		90.93%	
Source Flux	3840 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	13962	13962	13962	13962	13962	13962	13962	13962	13962	13962	13962	13962	13962	
G 5.0	13335	13336	13354	13388	13441	13509	13587	13677	13787	13909	13787	13677	13587	
G 10.0	12810	12814	12841	12888	12965	13072	13209	13372	13570	13800	13570	13372	13209	
G 15.0	12351	12347	12377	12435	12523	12649	12818	13033	13308	13638	13308	13033	12818	
G 20.0	11956	11942	11964	12011	12093	12222	12409	12663	13005	13428	13005	12663	12409	
G 25.0	11634	11616	11625	11644	11694	11804	11991	12263	12659	13175	12659	12263	11991	
G 30.0	11351	11323	11318	11313	11331	11406	11567	11843	12287	12896	12287	11843	11567	
G 35.0	11100	11063	11042	11009	10993	11023	11140	11402	11876	12558	11876	11402	11140	
G 40.0	10883	10836	10793	10727	10678	10664	10725	10947	11441	12219	11441	10947	10725	
G 45.0	10700	10640	10579	10478	10380	10317	10327	10485	10961	11804	10961	10485	10327	
G 50.0	10553	10481	10397	10256	10107	9987	9926	9993	10442	11369	10442	9993	9926	
G 55.0	10427	10344	10244	10072	9873	9692	9549	9500	9885	10865	9885	9500	9549	
G 60.0	10346	10255	10137	9928	9682	9430	9187	9027	9336	10320	9336	9027	9187	
G 65.0	10311	10203	10068	9832	9544	9227	8877	8550	8704	9621	8704	8550	8877	
G 70.0	10347	10230	10081	9811	9468	9085	8620	8061	8015	8922	8015	8061	8620	
G 75.0	10474	10339	10172	9877	9504	9057	8458	7657	7288	7860	7288	7657	8458	
G 80.0	10666	10526	10362	10061	9664	9165	8449	7384	6584	6547	6584	7384	8449	
G 85.0	10941	10807	10659	10368	9973	9459	8671	7373	6075	4933	6075	7373	8671	
G 90.0	11437	11292	11164	10905	10546	10079	9342	8029	6748	6286	6748	8029	9342	

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Luminaire Flux	3492 lm		Luminaire Power		23.1 W		Efficacy		150.962 lm/W		Efficiency		90.93%	
Source Flux	3840 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	13962	13962	13962	13962	13962	13962	13962	13962	13962	13962	13962	13962	13962	
G 5.0	13509	13441	13388	13354	13336	13335	13336	13354	13388	13441	13509	13587	13677	
G 10.0	13072	12965	12888	12841	12814	12810	12814	12841	12888	12965	13072	13209	13372	
G 15.0	12649	12523	12435	12377	12347	12351	12347	12377	12435	12523	12649	12818	13033	
G 20.0	12222	12093	12011	11964	11942	11956	11942	11964	12011	12093	12222	12409	12663	
G 25.0	11804	11694	11644	11625	11616	11634	11616	11625	11644	11694	11804	11991	12263	
G 30.0	11406	11331	11313	11318	11323	11351	11323	11318	11313	11331	11406	11567	11843	
G 35.0	11023	10993	11009	11042	11063	11100	11063	11042	11009	10993	11023	11140	11402	
G 40.0	10664	10678	10727	10793	10836	10883	10836	10793	10727	10678	10664	10725	10947	
G 45.0	10317	10380	10478	10579	10640	10700	10640	10579	10478	10380	10317	10327	10485	
G 50.0	9987	10107	10256	10397	10481	10553	10481	10397	10256	10107	9987	9926	9993	
G 55.0	9692	9873	10072	10244	10344	10427	10344	10244	10072	9873	9692	9549	9500	
G 60.0	9430	9682	9928	10137	10255	10346	10255	10137	9928	9682	9430	9187	9027	
G 65.0	9227	9544	9832	10068	10203	10311	10203	10068	9832	9544	9227	8877	8550	
G 70.0	9085	9468	9811	10081	10230	10347	10230	10081	9811	9468	9085	8620	8061	
G 75.0	9057	9504	9877	10172	10339	10474	10339	10172	9877	9504	9057	8458	7657	
G 80.0	9165	9664	10061	10362	10526	10666	10526	10362	10061	9664	9165	8449	7384	
G 85.0	9459	9973	10368	10659	10807	10941	10807	10659	10368	9973	9459	8671	7373	
G 90.0	10079	10546	10905	11164	11292	11437	11292	11164	10905	10546	10079	9342	8029	

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**Measurem.**

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Source Flux	3840 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	13962	13962	13962	13962	13962	13962	13962	13962	13962	13962
G 5.0	13787	13909	13787	13677	13587	13509	13441	13388	13354	13336
G 10.0	13570	13800	13570	13372	13209	13072	12965	12888	12841	12814
G 15.0	13308	13638	13308	13033	12818	12649	12523	12435	12377	12347
G 20.0	13005	13428	13005	12663	12409	12222	12093	12011	11964	11942
G 25.0	12659	13175	12659	12263	11991	11804	11694	11644	11625	11616
G 30.0	12287	12896	12287	11843	11567	11406	11331	11313	11318	11323
G 35.0	11876	12558	11876	11402	11140	11023	10993	11009	11042	11063
G 40.0	11441	12219	11441	10947	10725	10664	10678	10727	10793	10836
G 45.0	10961	11804	10961	10485	10327	10317	10380	10478	10579	10640
G 50.0	10442	11369	10442	9993	9926	9987	10107	10256	10397	10481
G 55.0	9885	10865	9885	9500	9549	9692	9873	10072	10244	10344
G 60.0	9336	10320	9336	9027	9187	9430	9682	9928	10137	10255
G 65.0	8704	9621	8704	8550	8877	9227	9544	9832	10068	10203
G 70.0	8015	8922	8015	8061	8620	9085	9468	9811	10081	10230
G 75.0	7288	7860	7288	7657	8458	9057	9504	9877	10172	10339
G 80.0	6584	6547	6584	7384	8449	9165	9664	10061	10362	10526
G 85.0	6075	4933	6075	7373	8671	9459	9973	10368	10659	10807
G 90.0	6748	6286	6748	8029	9342	10079	10546	10905	11164	11292