

Luminaire

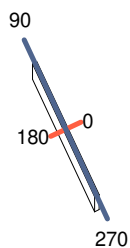
Code 90834L150
Name TRN L1430 DAZ 830

Measurem.

Code 7/7/2023
Name TRN L1430 DAZ 830

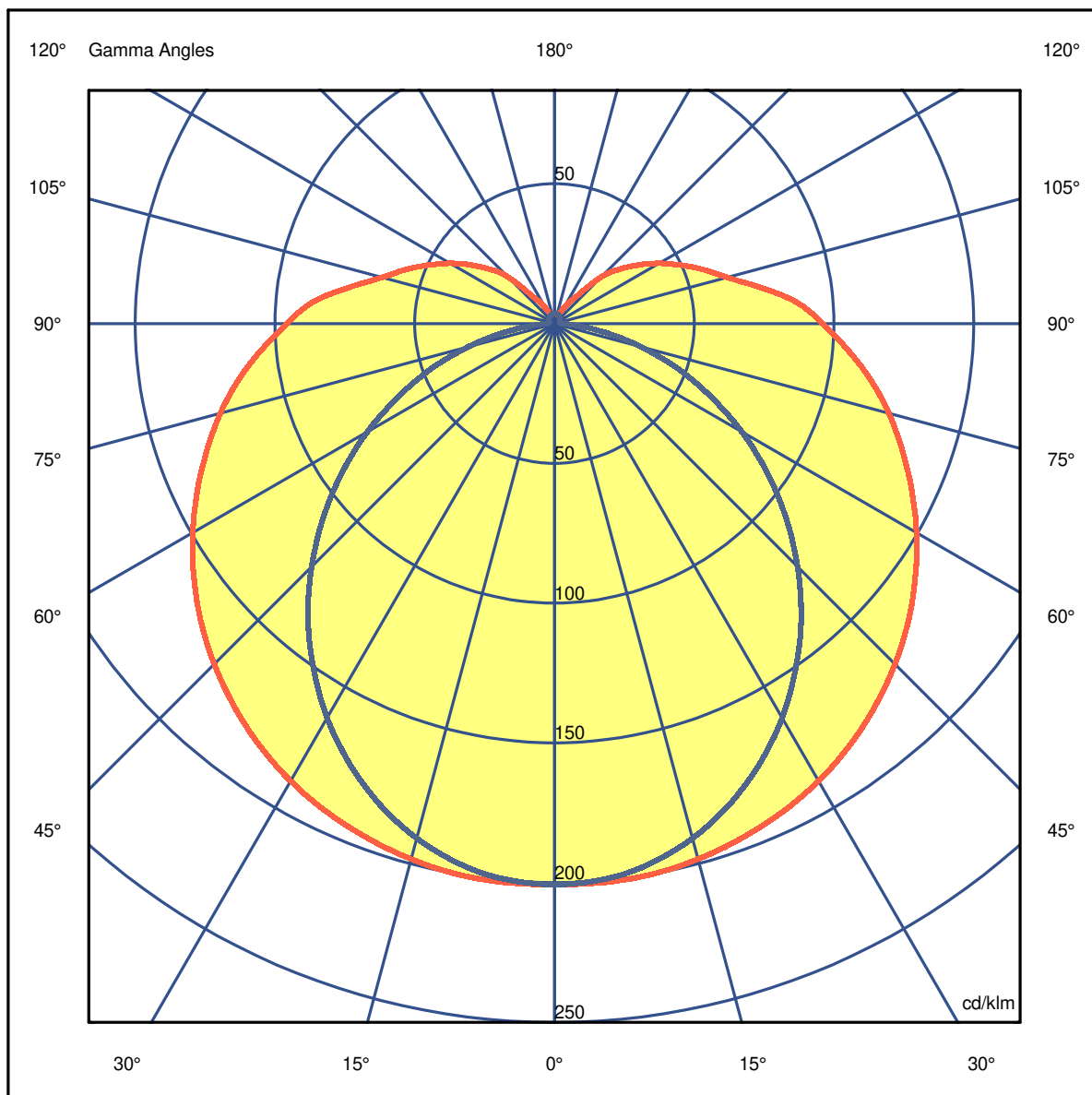
Luminaire Flux	4169 lm	Luminaire Power	28.7 W	Efficacy	145.268 lm/W	Efficiency	90.93%
Source Flux	4585 lm	Maximum value	200.70 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

1430mm x 48mm



C Halfplanes

180.0 ————— 0.0
270.0 ————— 90.0



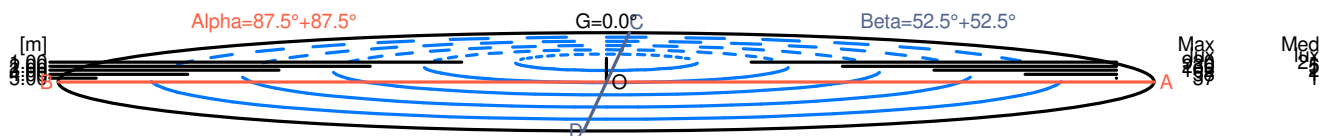
LuminaireCode 90834L150
Name TRN L1430 DAZ 830**Measurem.**Code 7/7/2023
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Luminaire Flux	4169 lm	Luminaire Power	28.7 W	Efficacy	145.268 lm/W	Efficiency	90.93%
Source Flux	4585 lm	Maximum value	200.70 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

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	920.21	920.21	909.21	883.99	844.10	789.54	722.60	646.49	567.62	481.88
OB	920.21	920.21	909.21	883.99	844.10	789.54	722.60	646.49	567.62	481.88
OC	920.21	915.17	873.90	795.96	689.58	563.50	425.03	281.98	146.26	36.22
OD	920.21	915.17	873.90	795.96	689.58	563.50	425.03	281.98	146.26	36.22



H[m]	D[m]	Max lux	Med lux	Alpha=87.5°+87.5°	G=0.0	
1.00	45.98	920	21			
2.00	91.95	230	5			
3.00	137.93	102	2			
4.00	183.90	58	1			
5.00	229.88	37	1			

H[m]	D[m]	Max lux	Med lux	Beta=52.5°+52.5°	G=0.0	
1.00	2.61	920	21			
2.00	5.22	230	5			
3.00	7.83	102	2			
4.00	10.44	58	1			
5.00	13.04	37	1			

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Luminaire Flux	4169 lm	Luminaire Power	28.7 W	Efficacy	145.268 lm/W	Efficiency	90.93%
Source Flux	4585 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	20.6	21.8	22.4	18.5	19.7	19.0	20.2	20.8
x=2H y=3H	22.3	23.4	22.9	24.0	24.6	19.9	21.0	20.5	21.6	22.2
x=2H y=4H	23.4	24.5	24.0	25.1	25.7	20.5	21.5	21.0	22.1	22.7
x=2H y=6H	24.6	25.6	25.2	26.2	26.8	20.9	21.9	21.5	22.5	23.1
x=2H y=8H	25.1	26.1	25.7	26.7	27.4	21.0	22.0	21.6	22.6	23.2
x=2H y=12H	25.6	26.6	26.3	27.2	27.9	21.1	22.0	21.7	22.6	23.3
x=4H y=2H	20.6	21.7	21.2	22.3	22.9	19.5	20.5	20.0	21.1	21.7
x=4H y=3H	23.1	24.0	23.7	24.7	25.3	21.1	22.1	21.7	22.7	23.3
x=4H y=4H	24.5	25.3	25.1	25.9	26.6	21.9	22.7	22.5	23.3	24.0
x=4H y=6H	25.8	26.5	26.4	27.2	27.9	22.4	23.2	23.1	23.8	24.6
x=4H y=8H	26.4	27.1	27.1	27.8	28.5	22.6	23.3	23.3	24.0	24.7
x=4H y=12H	27.1	27.7	27.8	28.4	29.2	22.7	23.4	23.4	24.1	24.8
x=8H y=4H	24.8	25.5	25.4	26.1	26.9	22.6	23.3	23.3	24.0	24.7
x=8H y=6H	26.4	26.9	27.1	27.6	28.4	23.5	24.1	24.2	24.8	25.6
x=8H y=8H	27.2	27.7	27.9	28.4	29.2	23.9	24.4	24.6	25.1	25.9
x=8H y=12H	28.0	28.5	28.7	29.2	30.0	24.1	24.6	24.9	25.3	26.1
x=12H y=4H	24.8	25.4	25.5	26.1	26.9	22.8	23.5	23.5	24.1	24.9
x=12H y=6H	26.5	27.0	27.2	27.7	28.5	23.8	24.4	24.6	25.1	25.9
x=12H y=8H	27.4	27.8	28.1	28.5	29.4	24.3	24.8	25.1	25.5	26.3

Luminaire

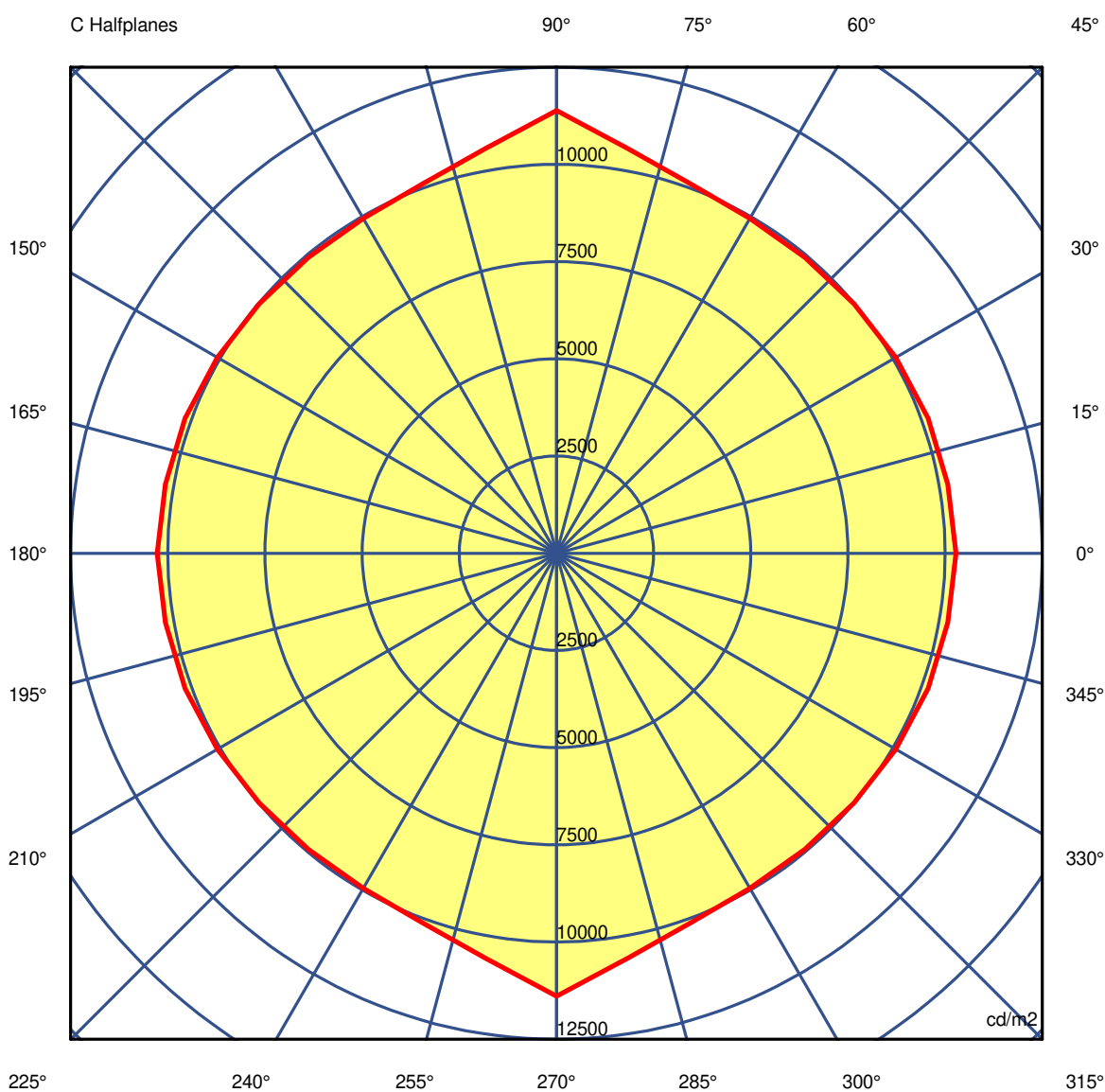
Code 90834L150
Name TRN L1430 DAZ 830

Measurem.

Code 7/7/2023
Name TRN L1430 DAZ 830

Luminaire Flux	4169 lm	Luminaire Power	28.7 W	Efficacy	145.268 lm/W	Efficiency	90.93%
Source Flux	4585 lm	Maximum value	200.70 cd/klm	Position	C=0.00 G=0.00	CG Double Symmetrical	

Luminance



45.0°

LuminaireCode 90834L150
Name TRN L1430 DAZ 830**Measurement**Code 7/7/2023
Name TRN L1430 DAZ 830

Luminaire Flux	4169 lm		Luminaire Power		28.7 W		Efficacy		145.268 lm/W		Efficiency		90.93%	
Source Flux	4585 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	13406	13406	13406	13406	13406	13406	13406	13406	13406	13406	13406	13406	13406	
G 5.0	12804	12806	12824	12858	12910	12975	13051	13138	13244	13361	13244	13138	13051	
G 10.0	12300	12306	12333	12380	12455	12560	12692	12850	13041	13262	13041	12850	12692	
G 15.0	11860	11858	11889	11947	12034	12157	12321	12528	12794	13112	12794	12528	12321	
G 20.0	11481	11470	11494	11542	11623	11749	11931	12178	12508	12916	12508	12178	11931	
G 25.0	11171	11157	11169	11191	11242	11351	11533	11797	12181	12679	12181	11797	11533	
G 30.0	10899	10877	10875	10874	10896	10971	11129	11398	11828	12417	11828	11398	11129	
G 35.0	10659	10627	10611	10584	10573	10605	10722	10978	11438	12098	11438	10978	10722	
G 40.0	10450	10409	10373	10314	10272	10263	10327	10545	11025	11779	11025	10545	10327	
G 45.0	10274	10222	10169	10077	9988	9933	9947	10105	10569	11387	10569	10105	9947	
G 50.0	10133	10070	9996	9866	9728	9618	9565	9636	10075	10977	10075	9636	9565	
G 55.0	10013	9939	9849	9690	9506	9338	9207	9166	9546	10502	9546	9166	9207	
G 60.0	9935	9854	9748	9554	9325	9089	8863	8717	9025	9988	9025	8717	8863	
G 65.0	9901	9804	9683	9464	9195	8898	8569	8264	8425	9329	8425	8264	8569	
G 70.0	9935	9832	9697	9446	9126	8766	8328	7800	7771	8674	7771	7800	8328	
G 75.0	10057	9937	9787	9513	9164	8745	8180	7420	7083	7672	7083	7420	8180	
G 80.0	10241	10118	9972	9694	9324	8857	8182	7171	6422	6440	6422	7171	8182	
G 85.0	10505	10390	10261	9995	9630	9152	8413	7184	5965	4947	5965	7184	8413	
G 90.0	10982	10859	10752	10520	10194	9768	9090	7868	6732	7505	6732	7868	9090	

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Source Flux		4585 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	13406	13406	13406	13406	13406	13406	13406	13406	13406	13406	13406	13406	13406	13406	13406	13406	13406	13406	13406	13406	13406	13406	13406	13406	13406
G 5.0	12975	12910	12858	12824	12806	12804	12806	12824	12858	12910	12975	13051	13138	13225	13312	13400	13487	13574	13661	13748	13835	13922	14009	14096	14183
G 10.0	12560	12455	12380	12333	12306	12300	12306	12333	12380	12455	12560	12692	12850	13008	13166	13324	13482	13640	13798	13956	14114	14272	14430	14588	14746
G 15.0	12157	12034	11947	11889	11858	11860	11858	11889	11947	12034	12157	12321	12528	12735	12942	13149	13356	13563	13770	13977	14184	14391	14598	14805	15012
G 20.0	11749	11623	11542	11494	11470	11481	11470	11494	11542	11623	11749	11931	12178	12425	12672	12919	13166	13413	13660	13907	14154	14401	14648	14895	15142
G 25.0	11351	11242	11191	11169	11157	11171	11157	11169	11191	11242	11351	11533	11797	12061	12325	12589	12853	13117	13381	13645	13909	14173	14437	14701	14965
G 30.0	10971	10896	10874	10875	10877	10899	10877	10875	10874	10896	10971	11129	11398	11667	11936	12205	12474	12743	13012	13281	13550	13819	14088	14357	14626
G 35.0	10605	10573	10584	10611	10627	10659	10627	10611	10584	10573	10605	10722	10978	11234	11490	11746	12002	12258	12514	12770	13026	13282	13538	13794	14050
G 40.0	10263	10272	10314	10373	10409	10450	10409	10373	10314	10272	10263	10327	10545	10763	10981	11199	11417	11635	11853	12071	12289	12507	12725	12943	13161
G 45.0	9933	9988	10077	10169	10222	10274	10222	10169	10077	9988	9933	9947	10105	10323	10541	10759	10977	11195	11413	11631	11849	12067	12285	12503	12721
G 50.0	9618	9728	9866	9996	10070	10133	10070	9996	9866	9728	9618	9565	9636	9854	10072	10290	10508	10726	10944	11162	11380	11598	11816	12034	12252
G 55.0	9338	9506	9690	9849	9939	10013	9939	9849	9690	9506	9338	9207	9166	9424	9642	9860	10078	10296	10514	10732	10950	11168	11386	11604	11822
G 60.0	9089	9325	9554	9748	9854	9935	9854	9748	9554	9325	9089	8863	8717	9135	9353	9571	9789	10007	10225	10443	10661	10879	11097	11315	11533
G 65.0	8898	9195	9464	9683	9804	9901	9804	9683	9464	9195	8898	8569	8264	8887	9105	9323	9541	9759	9977	10195	10413	10631	10849	11067	11285
G 70.0	8766	9126	9446	9697	9832	9935	9832	9697	9446	9126	8766	8328	7800	8641	8859	9077	9295	9513	9731	9949	10167	10385	10603	10821	11039
G 75.0	8745	9164	9513	9787	9937	10057	9937	9787	9513	9164	8745	8180	7420	8581	8799	9017	9235	9453	9671	9889	10107	10325	10543	10761	10979
G 80.0	8857	9324	9694	9972	10118	10241	10118	9972	9694	9324	8857	8182	7171	8993	9211	9429	9647	9865	10083	10301	10519	10737	10955	11173	11391
G 85.0	9152	9630	9995	10261	10390	10505	10390	10261	9995	9630	9152	8413	7184	9415	9633	9851	10069	10287	10505	10723	10941	11159	11377	11595	11813
G 90.0	9768	10194	10520	10752	10859	10982	10859	10752	10520	10194	9768	9090	7868	10011	10229	10447	10665	10883	11101	11319	11537	11755	11973	12191	12409

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Source Flux	4585 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	13406	13406	13406	13406	13406	13406	13406	13406	13406	13406
G 5.0	13244	13361	13244	13138	13051	12975	12910	12858	12824	12806
G 10.0	13041	13262	13041	12850	12692	12560	12455	12380	12333	12306
G 15.0	12794	13112	12794	12528	12321	12157	12034	11947	11889	11858
G 20.0	12508	12916	12508	12178	11931	11749	11623	11542	11494	11470
G 25.0	12181	12679	12181	11797	11533	11351	11242	11191	11169	11157
G 30.0	11828	12417	11828	11398	11129	10971	10896	10874	10875	10877
G 35.0	11438	12098	11438	10978	10722	10605	10573	10584	10611	10627
G 40.0	11025	11779	11025	10545	10327	10263	10272	10314	10373	10409
G 45.0	10569	11387	10569	10105	9947	9933	9988	10077	10169	10222
G 50.0	10075	10977	10075	9636	9565	9618	9728	9866	9996	10070
G 55.0	9546	10502	9546	9166	9207	9338	9506	9690	9849	9939
G 60.0	9025	9988	9025	8717	8863	9089	9325	9554	9748	9854
G 65.0	8425	9329	8425	8264	8569	8898	9195	9464	9683	9804
G 70.0	7771	8674	7771	7800	8328	8766	9126	9446	9697	9832
G 75.0	7083	7672	7083	7420	8180	8745	9164	9513	9787	9937
G 80.0	6422	6440	6422	7171	8182	8857	9324	9694	9972	10118
G 85.0	5965	4947	5965	7184	8413	9152	9630	9995	10261	10390
G 90.0	6732	7505	6732	7868	9090	9768	10194	10520	10752	10859