

**Luminaire**

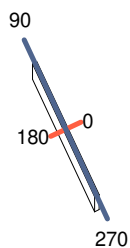
Code 90834L150  
Name TRN L1430 DAZ 840

**Measurem.**

Code 7/7/2023  
Name TRN L1430 DAZ 840

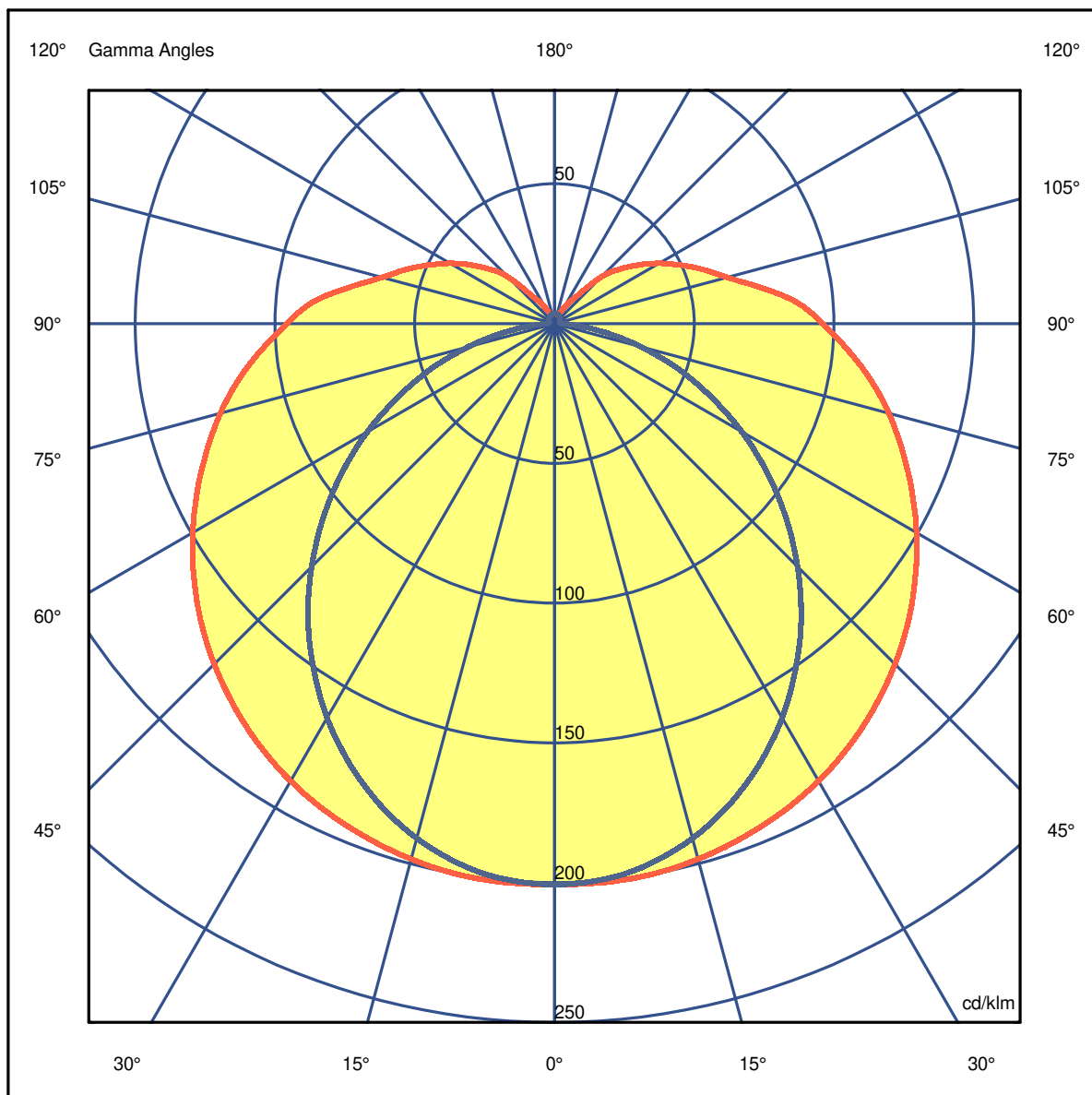
Luminaire Flux	4365 lm	Luminaire Power	28.7 W	Efficacy	152.079 lm/W	Efficiency	90.93%
Source Flux	4800 lm	Maximum value	200.70 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

1430mm x 48mm



C Halfplanes

180.0 — 0.0  
270.0 — 90.0



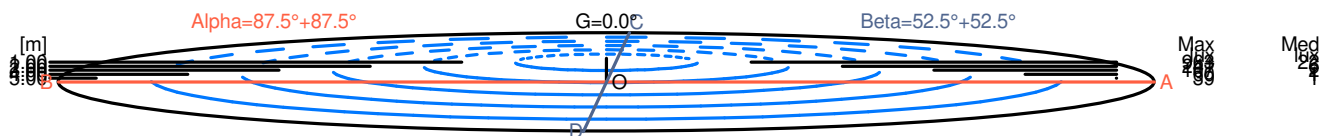
**Luminaire**Code 90834L150  
Name TRN L1430 DAZ 840**Measurem.**Code 7/7/2023  
Name TRN L1430 DAZ 840

Luminaire Flux	4365 lm	Luminaire Power	28.7 W	Efficacy	152.079 lm/W	Efficiency	90.93%
Source Flux	4800 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	963.36	963.36	951.84	925.44	883.68	826.56	756.48	676.80	594.24	504.48
OB	963.36	963.36	951.84	925.44	883.68	826.56	756.48	676.80	594.24	504.48
OC	963.36	958.08	914.88	833.28	721.92	589.92	444.96	295.20	153.12	37.92
OD	963.36	958.08	914.88	833.28	721.92	589.92	444.96	295.20	153.12	37.92



H[m]	D[m]	Max lux	Med lux	Alpha=87.5°+87.5°	G=0.0
1.00	45.98	963	22		
2.00	91.95	241	6		
3.00	137.93	107	2		
4.00	183.90	60	1		
5.00	229.88	39	1		

H[m]	D[m]	Max lux	Med lux	Beta=52.5°+52.5°	G=0.0
1.00	2.61	963	22		
2.00	5.22	241	6		
3.00	7.83	107	2		
4.00	10.44	60	1		
5.00	13.04	39	1		

**Luminaire**Code 90834L150  
Name TRN L1430 DAZ 840**Measurem.**Code 7/7/2023  
Name TRN L1430 DAZ 840

Luminaire Flux	4365 lm	Luminaire Power	28.7 W	Efficacy	152.079 lm/W	Efficiency	90.93%
Source Flux	4800 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	22.0	22.5	18.6	19.9	19.2	20.4	21.0
x=2H y=3H	22.5	23.6	23.0	24.1	24.8	20.1	21.2	20.6	21.7	22.4
x=2H y=4H	23.6	24.7	24.2	25.2	25.9	20.6	21.7	21.2	22.3	22.9
x=2H y=6H	24.7	25.8	25.3	26.3	27.0	21.0	22.0	21.6	22.6	23.3
x=2H y=8H	25.3	26.3	25.9	26.9	27.5	21.1	22.1	21.7	22.7	23.4
x=2H y=12H	25.8	26.7	26.4	27.3	28.0	21.2	22.1	21.8	22.8	23.4
x=4H y=2H	20.8	21.8	21.3	22.4	23.0	19.6	20.7	20.2	21.2	21.9
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	25.5	25.3	26.1	26.8	22.0	22.9	22.7	23.5	24.2
x=4H y=6H	25.9	26.7	26.6	27.3	28.1	22.6	23.3	23.2	24.0	24.7
x=4H y=8H	26.6	27.3	27.3	27.9	28.7	22.8	23.5	23.4	24.1	24.9
x=4H y=12H	27.2	27.9	27.9	28.5	29.3	22.9	23.5	23.6	24.2	25.0
x=8H y=4H	24.9	25.6	25.6	26.3	27.0	22.8	23.5	23.5	24.1	24.9
x=8H y=6H	26.5	27.1	27.2	27.8	28.6	23.7	24.3	24.4	24.9	25.7
x=8H y=8H	27.3	27.9	28.0	28.6	29.4	24.0	24.6	24.7	25.2	26.1
x=8H y=12H	28.2	28.6	28.9	29.3	30.2	24.3	24.7	25.0	25.5	26.3
x=12H y=4H	25.0	25.6	25.6	26.3	27.1	23.0	23.6	23.7	24.3	25.1
x=12H y=6H	26.6	27.1	27.3	27.8	28.7	24.0	24.5	24.7	25.2	26.1
x=12H y=8H	27.5	28.0	28.2	28.7	29.5	24.5	24.9	25.2	25.7	26.5

**Luminaire**

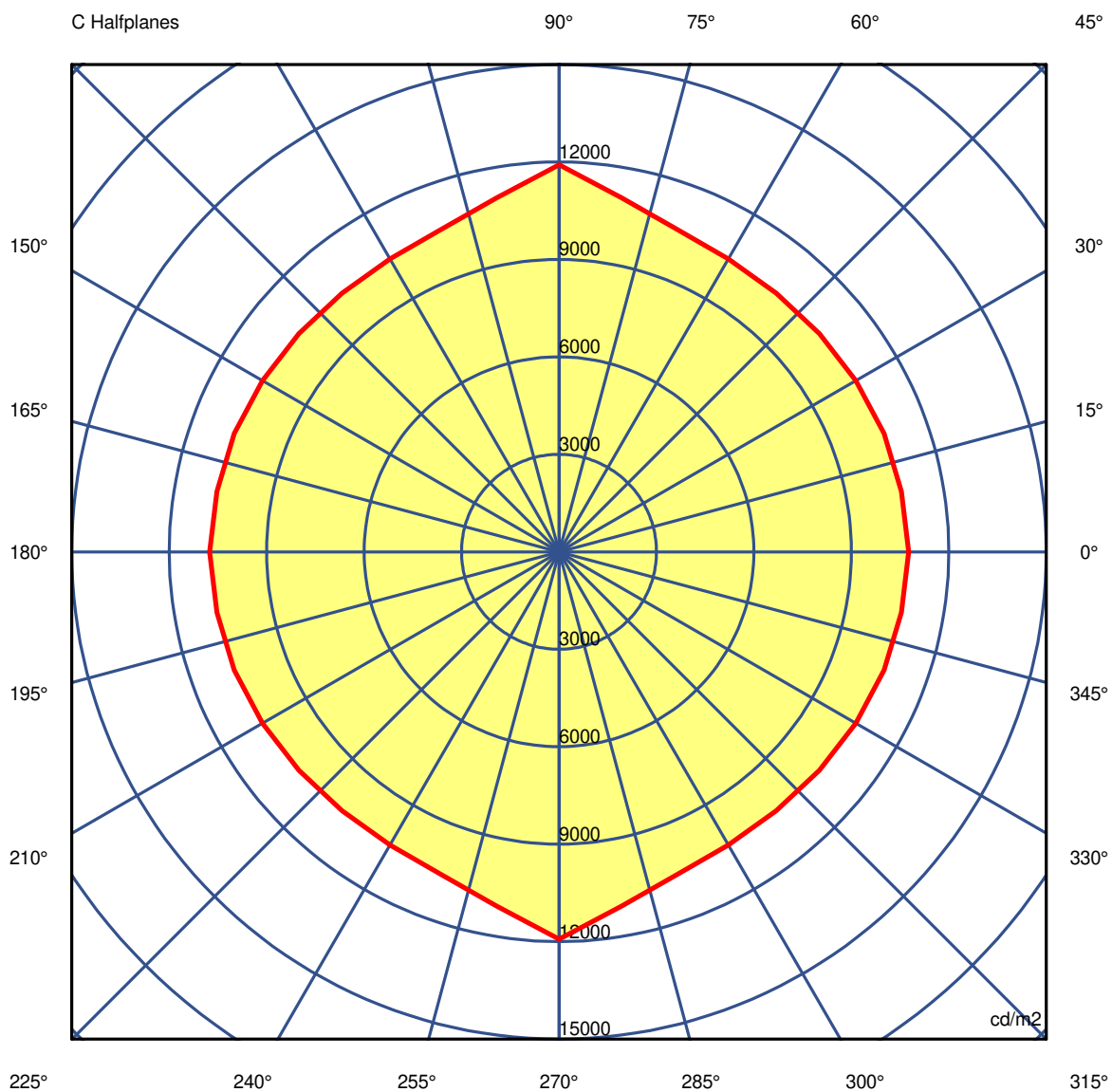
Code 90834L150  
Name TRN L1430 DAZ 840

**Measurem.**

Code 7/7/2023  
Name TRN L1430 DAZ 840

Luminaire Flux	4365 lm	Luminaire Power	28.7 W	Efficacy	152.079 lm/W	Efficiency	90.93%
Source Flux	4800 lm	Maximum value	200.70 cd/klm	Position	C=0.00 G=0.00	CG Double Symmetrical	

Luminance



45.0°

**Luminaire**Code 90834L150  
Name TRN L1430 DAZ 840**Measurement**Code 7/7/2023  
Name TRN L1430 DAZ 840

Luminaire Flux		4365 lm		Luminaire Power		28.7 W		Efficacy		152.079 lm/W		Efficiency		90.93%	
Source Flux		4800 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	14035	14035	14035	14035	14035	14035	14035	14035	14035	14035	14035	14035	14035	14035	14035
G 5.0	13404	13407	13426	13461	13515	13584	13663	13754	13865	13987	13865	13754	13663	13584	13515
G 10.0	12877	12883	12911	12961	13039	13149	13287	13452	13653	13884	13653	13452	13287	13149	13039
G 15.0	12416	12414	12447	12507	12598	12727	12899	13116	13394	13727	13394	13116	12899	12727	12598
G 20.0	12019	12008	12033	12083	12168	12300	12491	12749	13095	13522	13095	12749	12491	12300	12168
G 25.0	11695	11680	11693	11716	11770	11883	12074	12351	12752	13274	12752	12351	12074	11883	11770
G 30.0	11410	11387	11385	11384	11407	11486	11651	11932	12383	12999	12383	11932	11651	11486	11407
G 35.0	11159	11125	11109	11081	11069	11103	11225	11493	11974	12666	11974	11493	11225	11103	11069
G 40.0	10940	10897	10860	10798	10754	10745	10811	11039	11542	12331	11542	11039	10811	10745	10754
G 45.0	10756	10702	10646	10549	10456	10399	10414	10578	11065	11921	11065	10578	10414	10399	10456
G 50.0	10608	10542	10464	10328	10184	10069	10014	10088	10548	11492	10548	10088	10014	10069	10069
G 55.0	10482	10405	10311	10144	9951	9776	9638	9596	9994	10994	9994	9596	9638	9776	9951
G 60.0	10401	10316	10205	10002	9762	9515	9278	9125	9448	10457	9448	9125	9278	9515	9762
G 65.0	10365	10264	10137	9908	9626	9315	8971	8651	8820	9766	8820	8651	8971	9315	9626
G 70.0	10401	10293	10152	9889	9553	9177	8719	8166	8135	9080	8135	8166	8719	9177	9553
G 75.0	10529	10403	10246	9959	9594	9155	8563	7768	7415	8032	7415	7768	8563	9155	9594
G 80.0	10722	10592	10439	10149	9761	9272	8566	7507	6723	6742	6723	7507	8566	9272	9761
G 85.0	10998	10878	10742	10463	10082	9581	8808	7521	6245	5179	6245	7521	8808	9581	10082
G 90.0	11497	11368	11256	11013	10672	10226	9517	8237	7048	7857	7048	8237	9517	10226	10672

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Luminaire Flux	4365 lm	Luminaire Power	28.7 W	Efficacy	152.079 lm/W	Efficiency	90.93%
Source Flux	4800 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	14035	14035	14035	14035	14035	14035	14035	14035	14035	14035	14035	14035	14035
G 5.0	13584	13515	13461	13426	13407	13404	13407	13426	13461	13515	13584	13663	13754
G 10.0	13149	13039	12961	12911	12883	12877	12883	12911	12961	13039	13149	13287	13452
G 15.0	12727	12598	12507	12447	12414	12416	12414	12447	12507	12598	12727	12899	13116
G 20.0	12300	12168	12083	12033	12008	12019	12008	12033	12083	12168	12300	12491	12749
G 25.0	11883	11770	11716	11693	11680	11695	11680	11693	11716	11770	11883	12074	12351
G 30.0	11486	11407	11384	11385	11387	11410	11387	11385	11384	11407	11486	11651	11932
G 35.0	11103	11069	11081	11109	11125	11159	11125	11109	11081	11069	11103	11225	11493
G 40.0	10745	10754	10798	10860	10897	10940	10897	10860	10798	10754	10745	10811	11039
G 45.0	10399	10456	10549	10646	10702	10756	10702	10646	10549	10456	10399	10414	10578
G 50.0	10069	10184	10328	10464	10542	10608	10542	10464	10328	10184	10069	10014	10088
G 55.0	9776	9951	10144	10311	10405	10482	10405	10311	10144	9951	9776	9638	9596
G 60.0	9515	9762	10002	10205	10316	10401	10316	10205	10002	9762	9515	9278	9125
G 65.0	9315	9626	9908	10137	10264	10365	10264	10137	9908	9626	9315	8971	8651
G 70.0	9177	9553	9889	10152	10293	10401	10293	10152	9889	9553	9177	8719	8166
G 75.0	9155	9594	9959	10246	10403	10529	10403	10246	9959	9594	9155	8563	7768
G 80.0	9272	9761	10149	10439	10592	10722	10592	10439	10149	9761	9272	8566	7507
G 85.0	9581	10082	10463	10742	10878	10998	10878	10742	10463	10082	9581	8808	7521
G 90.0	10226	10672	11013	11256	11368	11497	11368	11256	11013	10672	10226	9517	8237

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**Measurem.**

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Source Flux	4800 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	14035	14035	14035	14035	14035	14035	14035	14035	14035	14035
G 5.0	13865	13987	13865	13754	13663	13584	13515	13461	13426	13407
G 10.0	13653	13884	13653	13452	13287	13149	13039	12961	12911	12883
G 15.0	13394	13727	13394	13116	12899	12727	12598	12507	12447	12414
G 20.0	13095	13522	13095	12749	12491	12300	12168	12083	12033	12008
G 25.0	12752	13274	12752	12351	12074	11883	11770	11716	11693	11680
G 30.0	12383	12999	12383	11932	11651	11486	11407	11384	11385	11387
G 35.0	11974	12666	11974	11493	11225	11103	11069	11081	11109	11125
G 40.0	11542	12331	11542	11039	10811	10745	10754	10798	10860	10897
G 45.0	11065	11921	11065	10578	10414	10399	10456	10549	10646	10702
G 50.0	10548	11492	10548	10088	10014	10069	10184	10328	10464	10542
G 55.0	9994	10994	9994	9596	9638	9776	9951	10144	10311	10405
G 60.0	9448	10457	9448	9125	9278	9515	9762	10002	10205	10316
G 65.0	8820	9766	8820	8651	8971	9315	9626	9908	10137	10264
G 70.0	8135	9080	8135	8166	8719	9177	9553	9889	10152	10293
G 75.0	7415	8032	7415	7768	8563	9155	9594	9959	10246	10403
G 80.0	6723	6742	6723	7507	8566	9272	9761	10149	10439	10592
G 85.0	6245	5179	6245	7521	8808	9581	10082	10463	10742	10878
G 90.0	7048	7857	7048	8237	9517	10226	10672	11013	11256	11368