LITHONIA LIGHTING®

Catalog Number	
Notes	
Type	

GTL LED Lensed Troffers

1' x 4', 2' x 2'and 2' x 4'



C.E.C. TITLE 20 COMPLIANT

DLC QPL LISTED

FEATURES & SPECIFICATIONS

INTENDED USE — The GTL Series LED recessed troffer provides all of the great benefits of an LED luminaire, while maintaining the familiar look of traditional linear fluorescent. This allows for a seamless one-for-one transition to LED without disrupting the look of the overall space. With up to 53% energy savings, this value driven luminaire helps bridge the price gap between LED and fluorescent. All of these benefits make the GTL a great choice for School, Office, Retail, Residential and Hospital applications. **Certain airborne contaminants can diminish the integrity of acrylic and/or polycarbonate. Click here for Acrylic-Polycarbonate Compatibility table for suitable uses.**

CONSTRUCTION — Smooth hemmed sides and smooth inward formed end flanges for safe handling. Lighter-weight fixture allows for safe, easy installation. The shallow depth of the 2x2 and 2x4 (3 ¼") allows for easier installations into restricted plenum applications.

OPTICS — Highly transmissive prismatic pattern (0.095" thickness) lens helps to diffuse the LED source pixilation, without compromising light output.

ELECTRICAL — Long-life LEDs, coupled with high-efficiency drivers, provide extended service life. The GTL delivers up to 129 lumens per watt and LED Lumen maintenance of L80/60,000 hours.

LED drivers deliver dimming from a 0-10V control signal. Dims to 10%.

Driver disconnect is provided where required to comply with U.S. and Canadian codes.

INSTALLATION — Drivers and internal components are accessible from the floor. LED boards include plug-in connectors for future upgrades. Suitable for direct insulation contact. Damp location listed.

LISTINGS — CSA certified to U.S. and Canadian standards. Damp listed. DesignLights Consortium® (DLC) qualified product. Not all versions of this product may be DLC qualified. Please check the DLC Qualified Products List at www.designlights.org/QPL to confirm which versions are qualified.

WARRANTY — 5-year limited warranty. Complete warranty terms located at: www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx

Note: Actual performance may differ as a result of end-user environment and application.

All values are design or typical values, measured under laboratory conditions at 25 °C.

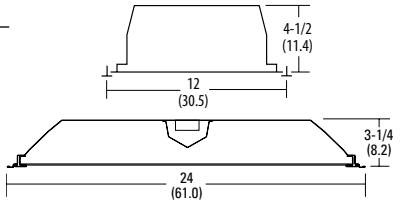
Specifications subject to change without notice.

Specifications

Length: 24 (61.0) for 2' x 2'
48 (122.0) for 1' x 4', 2' x 4'

Width: 12 (30.5) for 1' x 4'
24 (61.0) for 2' x 2', 2' x 4'

Depth: 4-1/2 (11.4) for 1' x 4'
3-1/4 (8.2) for 2' x 2', 2' x 4'



All dimensions are inches (centimeters) unless otherwise indicated.

ORDERING INFORMATION

Catalog number	UPC	Description	Lumens	Color temperature	Lens type	Voltage	Wattage	Pallet qty.	Standard carton qty.
2GTL2 3300LM LP835	889804702637	2x2 LED lay-in troffer	3261	3500K	Patterned #12 acrylic	120-277	32.3	56	1
2GTL2 3300LM LP840	889804702460	2x2 LED lay-in troffer	3349	4000K	Patterned #12 acrylic	120-277	32.3	56	1
2GTL2 3300LM 347 LP835	889804703634	2x2 LED lay-in troffer, 347v	3261	3500K	Patterned #12 acrylic	347	32.3	56	1
2GTL2 3300LM 347 LP840	889804703900	2x2 LED lay-in troffer, 347v	3349	4000K	Patterned #12 acrylic	347	32.3	56	1
2GTL2 3300LM EL14L LP835[1]	889804704440	2x2 LED lay-in troffer, emergency battery	3261	3500K	Patterned #12 acrylic	120-277	32.3	12	1
2GTL2 3300LM EL14L LP840[1]	889804706246	2x2 LED lay-in troffer, emergency battery	3349	4000K	Patterned #12 acrylic	120-277	32.3	12	1
2GTL2 3700LM LP835	889804704143	2x2 LED lay-in troffer	3461	3500K	Patterned #12 acrylic	120-277	35	56	1
2GTL2 3700LM LP840	889804704242	2x2 LED lay-in troffer	3555	4000K	Patterned #12 acrylic	120-277	35	56	1
2GTL2 3700LM 347 LP835	889804704303	2x2 LED lay-in troffer, 347v	3461	3500K	Patterned #12 acrylic	347	35	56	1
2GTL2 3700LM 347 LP840	889804704365	2x2 LED lay-in troffer, 347v	3555	4000K	Patterned #12 acrylic	347	35	56	1
2GTL2 3700LM EL14L LP835[1]	889804706307	2x2 LED lay-in troffer, emergency battery	3461	3500K	Patterned #12 acrylic	120-277	35	12	1
2GTL2 3700LM EL14L LP840[1]	889804706352	2x2 LED lay-in troffer, emergency battery	3555	4000K	Patterned #12 acrylic	120-277	35	12	1
2GTL4 4400LM LP835	889804706598	2x4 LED lay-in troffer	4312	3500K	Patterned #12 acrylic	120-277	34.5	28	1
2GTL4 4400LM LP840	889804706956	2x4 LED lay-in troffer	4429	4000K	Patterned #12 acrylic	120-277	34.5	28	1
2GTL4 4400LM 347 LP835	889804710243	2x4 LED lay-in troffer, 347v	4312	3500K	Patterned #12 acrylic	347	34.5	28	1
2GTL4 4400LM 347 LP840	889804710359	2x4 LED lay-in troffer, 347v	4429	4000K	Patterned #12 acrylic	347	34.5	28	1
2GTL4 4400LM EL14L LP835[1]	889804710045	2x4 LED lay-in troffer, emergency battery	4312	3500K	Patterned #12 acrylic	120-277	34.5	28	1
2GTL4 4400LM EL14L LP840[1]	889804710205	2x4 LED lay-in troffer, emergency battery	4429	4000K	Patterned #12 acrylic	120-277	34.5	28	1
2GTL4 5000LM LP835	889804710366	2x4 LED lay-in troffer	4909	3500K	Patterned #12 acrylic	120-277	41.2	28	1
2GTL4 5000LM LP840	889804710458	2x4 LED lay-in troffer	5042	4000K	Patterned #12 acrylic	120-277	41.2	28	1
2GTL4 5000LM 347 LP835	889804710489	2x4 LED lay-in troffer, 347v	4909	3500K	Patterned #12 acrylic	347	41.2	28	1
2GTL4 5000LM 347 LP840	889804710595	2x4 LED lay-in troffer, 347v	5042	4000K	Patterned #12 acrylic	347	41.2	28	1
2GTL4 5000LM EL14L LP835[1]	889804710625	2x4 LED lay-in troffer, emergency battery	4909	3500K	Patterned #12 acrylic	120-277	41.2	28	1
2GTL4 5000LM EL14L LP840[1]	889804710700	2x4 LED lay-in troffer, emergency battery	5042	4000K	Patterned #12 acrylic	120-277	41.2	28	1
GTL4 3700LM LP835	889804707076	1x4 LED lay-in troffer	3563	3500K	Patterned #12 acrylic	120-277	35	40	1
GTL4 3700LM LP840	889804707090	1x4 LED lay-in troffer	3660	4000K	Patterned #12 acrylic	120-277	35	40	1
GTL4 3700LM 347 LP835	889804707212	1x4 LED lay-in troffer, 347v	3563	3500K	Patterned #12 acrylic	347	35	40	1
GTL4 3700LM 347 LP840	889804707335	1x4 LED lay-in troffer, 347v	3660	4000K	Patterned #12 acrylic	347	35	40	1
GTL4 3700LM EL14L LP835[1]	889804707441	1x4 LED lay-in troffer, emergency battery	3563	3500K	Patterned #12 acrylic	120-277	35	40	1
GTL4 3700LM EL14L LP840[1]	889804707724	1x4 LED lay-in troffer, emergency battery	3660	4000K	Patterned #12 acrylic	120-277	35	40	1

Accessories are on next page.

Notes

1 For CEC (T20) compliant option, substitute EL14L option with E10WLCP "EM self- diagnostic battery pack 10W constant power, CEC compliant".

ACCESSORIES

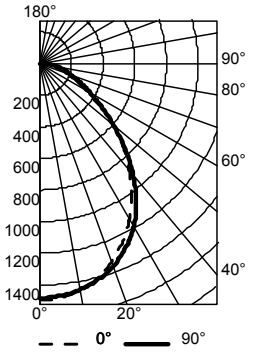
Accessories: *Order as separate catalog number.*	
DGA14	Drywall grid adapter for 1x4 recessed fixture.
DGA22	Drywall grid adapter for 2x2 recessed fixture.
DGA24	Drywall grid adapter for 2x4 recessed fixture.
2X2SMK	2'x2' Surface Mount Troffer Kit
2X4SMK	2'x4' Surface Mount Troffer Kit
1X4SMK	1'x4' Surface Mount Troffer Kit

OPTIONS

Options: *Order as part of nomenclature.*	
PWS1836	6' pre-wire, 3/8" diameter, 18 gauge, 1 circuit
PWS1846	6' pre-wire, 3/8" diameter, 18 gauge, 2 circuit
PWS1846 PWSLV	Two cables: one 6' pre-wire, 3/8" diameter, 18 gauge, 2 circuits; one 6' pre-wire, 3/8" diameter, 18 gauge, low voltage purple and grey wires
PW1856LV	6' pre-wire, 3/8" diameter, 18 gauge, 1 circuit w/low voltage purple and grey wires

PHOTOMETRICS

2GTL2 3300LM LP835, 3260.8 delivered lumens, test no. LTL29827P1, tested in accordance to IESNA LM-79.



CP Summary

	0°	90
0°	1489	1489
5°	1486	1473
15°	1402	1414
25°	1239	1284
35°	1010	1063
45°	741	762
55°	483	474
65°	293	270
75°	178	152
85°	85	60
90	7	2

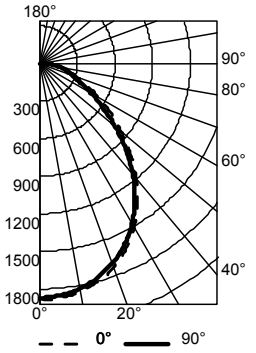
Coefficients of Utilization

pf		20%								
pc		80%			70%			50%		
	pw	70%	50%	30%	50%	30%	10%	50%	30%	10%
RCR	0	119	119	119	116	116	116	111	111	111
	1	110	105	101	103	99	96	99	96	93
	2	101	93	87	91	85	80	88	83	79
	3	93	83	75	81	74	69	78	72	67
	4	85	74	66	73	65	59	70	64	59
	5	79	67	59	66	58	52	64	57	51
	6	73	61	52	60	52	46	58	51	46
	7	68	55	47	55	47	41	53	46	41
	8	64	51	43	50	43	37	49	42	37
	9	60	47	39	46	39	34	45	38	34
	10	56	44	36	43	36	31	42	35	31

Zonal Lumen Summary

Zone	Lumens	% Lamp	% Fixture
0° - 30°	1114	34.2	34.2
0° - 40°	1755	53.8	53.8
0° - 60°	2756	84.5	84.5
0° - 90°	3262	100.0	100.0
90° - 180°	0	0.0	0.0
0° - 180°	3262	100.0	100.0

2GTL4 4400LM LP835, 4311.8 delivered lumens, test no. LTL29816P5, tested in accordance to IESNA LM-79.



CP Summary

	0°	90
0°	1877	1877
5°	1879	1858
15°	1800	1773
25°	1629	1594
35°	1360	1322
45°	1020	968
55°	687	613
65°	412	356
75°	229	221
85°	99	94
90	13	8

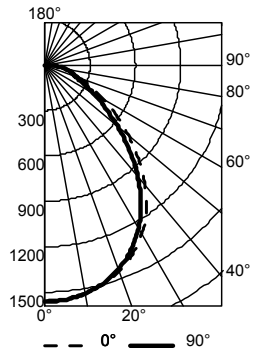
Coefficients of Utilization

pf		20%								
pc		80%			70%			50%		
	pw	70%	50%	30%	50%	30%	10%	50%	30%	10%
RCR	0	119	119	119	116	116	116	111	111	111
	1	109	105	101	103	99	96	98	95	93
	2	100	93	86	91	85	80	87	82	78
	3	92	82	75	81	74	68	78	72	67
	4	85	74	65	72	65	59	70	63	58
	5	79	66	58	65	57	51	63	56	51
	6	73	60	52	59	51	45	57	50	45
	7	68	55	47	54	46	41	53	45	40
	8	63	50	42	50	42	36	48	41	36
	9	59	46	38	46	38	33	45	38	33
	10	56	43	35	42	35	30	41	35	30

Zonal Lumen Summary

Zone	Lumens	% Lamp	% Fixture
0° - 30°	1425	33.0	33.0
0° - 40°	2265	52.5	52.5
0° - 60°	3614	83.8	83.8
0° - 90°	4306	99.9	99.9
90° - 120°	4	0.1	0.1
90° - 130°	4	0.1	0.1
90° - 150°	5	0.1	0.1
90° - 180°	6	0.1	0.1
0° - 180°	4312	100.0	100.0

GTL4 3700LM LP835, 3563 delivered lumens, test no. LTL29829P1, tested in accordance to IESNA LM-79.



CP Summary

	0°	90
0°	1560	1560
5°	1550	1557
15°	1498	1494
25°	1376	1349
35°	1168	1108
45°	876	792
55°	579	489
65°	337	284
75°	182	182
85°	83	78
90	18	0

Coefficients of Utilization

pf		20%								
pc		80%			70%			50%		
	pw	70%	50%	30%	50%	30%	10%	50%	30%	10%
RCR	0	119	119	119	116	116	116	111	111	111
	1	110	105	101	103	99	96	99	96	93
	2	101	93	87	91	85	80	88	83	78
	3	92	83	75	81	74	68	78	72	67
	4	85	74	66	73	65	59	70	64	58
	5	79	67	58	66	58	52	64	57	51
	6	73	60	52	60	52	46	58	51	45
	7	68	55	47	54	46	41	53	46	41
	8	64	51	42	50	42	37	49	42	37
	9	59	47	39	46	39	33	45	38	33
	10	56	43	36	43	35	30	42	35	30

Zonal Lumen Summary

Zone	Lumens	% Lamp	% Fixture
0° - 30°	1193	33.5	33.5
0° - 40°	1898	53.2	53.2
0° - 60°	3008	84.4	84.4
0° - 90°	3564	100.0	100.0
90° - 180°	0	0.0	0.0
0° - 180°	3564	100.0	100.0

LED: One Lithonia Way Conyers, GA 30012 Phone: 800-858-7763 Fax: 770-929-8789 www.lithonia.com

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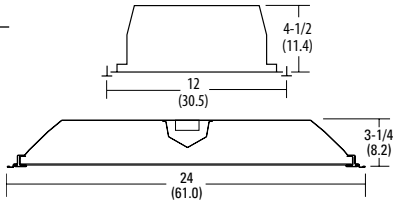
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2GTL2 3300LM LP840	889804702460	2x2 LED lay-in troffer	3349	4000K	Patterned #12 acrylic	120-277	32.3	56	1
2GTL2 3300LM 347 LP835	889804703634	2x2 LED lay-in troffer, 347v	3261	3500K	Patterned #12 acrylic	347	32.3	56	1
2GTL2 3300LM 347 LP840	889804703900	2x2 LED lay-in troffer, 347v	3349	4000K	Patterned #12 acrylic	347	32.3	56	1
2GTL2 3300LM EL14L LP835[1]	889804704440	2x2 LED lay-in troffer, emergency battery	3261	3500K	Patterned #12 acrylic	120-277	32.3	12	1
2GTL2 3300LM EL14L LP840[1]	889804706246	2x2 LED lay-in troffer, emergency battery	3349	4000K	Patterned #12 acrylic	120-277	32.3	12	1
2GTL2 3700LM LP835	889804704143	2x2 LED lay-in troffer	3461	3500K	Patterned #12 acrylic	120-277	35	56	1
2GTL2 3700LM LP840	889804704242	2x2 LED lay-in troffer	3555	4000K	Patterned #12 acrylic	120-277	35	56	1
2GTL2 3700LM 347 LP835	889804704303	2x2 LED lay-in troffer, 347v	3461	3500K	Patterned #12 acrylic	347	35	56	1
2GTL2 3700LM 347 LP840	889804704365	2x2 LED lay-in troffer, 347v	3555	4000K	Patterned #12 acrylic	347	35	56	1
2GTL2 3700LM EL14L LP835[1]	889804706307	2x2 LED lay-in troffer, emergency battery	3461	3500K	Patterned #12 acrylic	120-277	35	12	1
2GTL2 3700LM EL14L LP840[1]	889804706352	2x2 LED lay-in troffer, emergency battery	3555	4000K	Patterned #12 acrylic	120-277	35	12	1
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2GTL4 4400LM 347 LP835	889804710243	2x4 LED lay-in troffer, 347v	4312	3500K	Patterned #12 acrylic	347	34.5	28	1
2GTL4 4400LM 347 LP840	889804710359	2x4 LED lay-in troffer, 347v	4429	4000K	Patterned #12 acrylic	347	34.5	28	1
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2GTL4 5000LM LP840	889804710458	2x4 LED lay-in troffer	5042	4000K	Patterned #12 acrylic	120-277	41.2	28	1
2GTL4 5000LM 347 LP835	889804710489	2x4 LED lay-in troffer, 347v	4909	3500K	Patterned #12 acrylic	347	41.2	28	1
2GTL4 5000LM 347 LP840	889804710595	2x4 LED lay-in troffer, 347v	5042	4000K	Patterned #12 acrylic	347	41.2	28	1
2GTL4 5000LM EL14L LP835[1]	889804710625	2x4 LED lay-in troffer, emergency battery	4909	3500K	Patterned #12 acrylic	120-277	41.2	28	1
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GTL4 3700LM 347 LP840	889804707335	1x4 LED lay-in troffer, 347v	3660	4000K	Patterned #12 acrylic	347	35	40	1
GTL4 3700LM EL14L LP835[1]	889804707441	1x4 LED lay-in troffer, emergency battery	3563	3500K	Patterned #12 acrylic	120-277	35	40	1
GTL4 3700LM EL14L LP840[1]	889804707724	1x4 LED lay-in troffer, emergency battery	3660	4000K	Patterned #12 acrylic	120-277	35	40	1

Accessories are on next page.

Notes

1 For CEC (T20) compliant option, substitute EL14L option with E10WLCP "EM self- diagnostic battery pack 10W constant power, CEC compliant".

ACCESSORIES

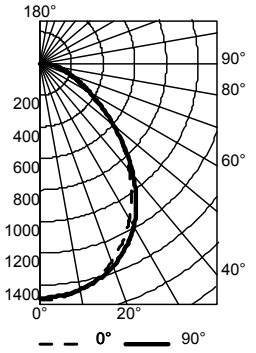
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PW1856LV	6' pre-wire, 3/8" diameter, 18 gauge, 1 circuit w/low voltage purple and grey wires

PHOTOMETRICS

2GTL2 3300LM LP835, 3260.8 delivered lumens, test no. LTL29827P1, tested in accordance to IESNA LM-79.



CP Summary

	0°	90
0°	1489	1489
5°	1486	1473
15°	1402	1414
25°	1239	1284
35°	1010	1063
45°	741	762
55°	483	474
65°	293	270
75°	178	152
85°	85	60
90	7	2

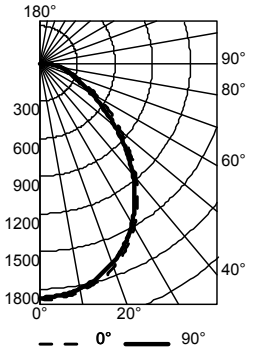
Coefficients of Utilization

pf		20%								
pc		80%			70%			50%		
	pw	70%	50%	30%	50%	30%	10%	50%	30%	10%
RCR	0	119	119	119	116	116	116	111	111	111
	1	110	105	101	103	99	96	99	96	93
	2	101	93	87	91	85	80	88	83	79
	3	93	83	75	81	74	69	78	72	67
	4	85	74	66	73	65	59	70	64	59
	5	79	67	59	66	58	52	64	57	51
	6	73	61	52	60	52	46	58	51	46
	7	68	55	47	55	47	41	53	46	41
	8	64	51	43	50	43	37	49	42	37
	9	60	47	39	46	39	34	45	38	34
	10	56	44	36	43	36	31	42	35	31

Zonal Lumen Summary

Zone	Lumens	% Lamp	% Fixture
0° - 30°	1114	34.2	34.2
0° - 40°	1755	53.8	53.8
0° - 60°	2756	84.5	84.5
0° - 90°	3262	100.0	100.0
90° - 180°	0	0.0	0.0
0° - 180°	3262	100.0	100.0

2GTL4 4400LM LP835, 4311.8 delivered lumens, test no. LTL29816P5, tested in accordance to IESNA LM-79.



CP Summary

	0°	90
0°	1877	1877
5°	1879	1858
15°	1800	1773
25°	1629	1594
35°	1360	1322
45°	1020	968
55°	687	613
65°	412	356
75°	229	221
85°	99	94
90	13	8

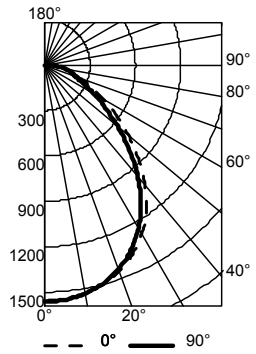
Coefficients of Utilization

pf		20%								
pc		80%			70%			50%		
	pw	70%	50%	30%	50%	30%	10%	50%	30%	10%
RCR	0	119	119	119	116	116	116	111	111	111
	1	109	105	101	103	99	96	98	95	93
	2	100	93	86	91	85	80	87	82	78
	3	92	82	75	81	74	68	78	72	67
	4	85	74	65	72	65	59	70	63	58
	5	79	66	58	65	57	51	63	56	51
	6	73	60	52	59	51	45	57	50	45
	7	68	55	47	54	46	41	53	45	40
	8	63	50	42	50	42	36	48	41	36
	9	59	46	38	46	38	33	45	38	33
	10	56	43	35	42	35	30	41	35	30

Zonal Lumen Summary

Zone	Lumens	% Lamp	% Fixture
0° - 30°	1425	33.0	33.0
0° - 40°	2265	52.5	52.5
0° - 60°	3614	83.8	83.8
0° - 90°	4306	99.9	99.9
90° - 120°	4	0.1	0.1
90° - 130°	4	0.1	0.1
90° - 150°	5	0.1	0.1
90° - 180°	6	0.1	0.1
0° - 180°	4312	100.0	100.0

GTL4 3700LM LP835, 3563 delivered lumens, test no. LTL29829P1, tested in accordance to IESNA LM-79.



CP Summary

	0°	90
0°	1560	1560
5°	1550	1557
15°	1498	1494
25°	1376	1349
35°	1168	1108
45°	876	792
55°	579	489
65°	337	284
75°	182	182
85°	83	78
90	18	0

Coefficients of Utilization

pf		20%								
pc		80%			70%			50%		
	pw	70%	50%	30%	50%	30%	10%	50%	30%	10%
RCR	0	119	119	119	116	116	116	111	111	111
	1	110	105	101	103	99	96	99	96	93
	2	101	93	87	91	85	80	88	83	78
	3	92	83	75	81	74	68	78	72	67
	4	85	74	66	73	65	59	70	64	58
	5	79	67	58	66	58	52	64	57	51
	6	73	60	52	60	52	46	58	51	45
	7	68	55	47	54	46	41	53	46	41
	8	64	51	42	50	42	37	49	42	37
	9	59	47	39	46	39	33	45	38	33
	10	56	43	36	43	35	30	42	35	30

Zonal Lumen Summary

Zone	Lumens	% Lamp	% Fixture
0° - 30°	1193	33.5	33.5
0° - 40°	1898	53.2	53.2
0° - 60°	3008	84.4	84.4
0° - 90°	3564	100.0	100.0
90° - 180°	0	0.0	0.0
0° - 180°	3564	100.0	100.0

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