

# Outdoor Footcandle Charts T5/T5HO Fluorescent

**Styles:**

F151



**Lamp** 28W T5 fluorescent  
rated 2900 lumens

**Reflector** Small cross-section, nominal 48" long  
with clear acrylic lens  
Reflector aiming is adjustable

	12" from wall					18" from wall					24" from wall					30" from wall					36" from wall				
9'	9	9	9	9	9	11	11	11	11	11	13	13	13	13	13	15	15	15	15	15	17	17	17	17	17
8'	10	10	10	10	10	13	13	13	13	13	15	15	15	15	15	18	18	18	18	18	20	20	20	20	20
7'	11	11	11	11	11	15	15	15	15	15	18	18	18	18	18	21	21	21	21	21	24	24	24	24	24
6'	14	14	14	14	14	19	19	19	19	19	23	23	23	23	23	26	27	27	27	27	28	29	29	29	28
5'	18	18	18	18	18	25	25	25	25	25	30	30	30	30	30	33	33	33	33	33	34	34	34	34	34
4'	26	26	26	26	26	34	34	34	34	34	39	39	39	39	39	41	41	41	41	41	41	41	41	41	41
3'	43	42	42	42	42	49	49	49	49	49	52	52	52	52	52	50	50	50	50	50	47	47	47	47	47
2'	72	73	73	73	72	69	69	69	69	69	63	63	63	63	63	56	56	56	56	56	52	52	52	52	52
1'	126	128	129	128	126	94	95	95	95	94	77	78	78	77	77	65	65	65	65	65	54	54	54	54	54
	37 15:1 3.5:1					37 8.7:1 2.6:1					37 5.9:1 2.1:1					36 4.3:1 1.8:1					35 3.2:1 1.5:1				

**Styles:**

F151



**Lamp** 55W T5 high output fluorescent  
rated 5000 lumens

**Reflector** Small cross-section, nominal 48" long  
with clear acrylic lens  
Reflector aiming is adjustable

	24" from surface					30" from surface					36" from surface					42" from surface									
15'	8	8	8	8	8	9	9	9	9	9	10	10	10	10	10	11	11	11	11	11	13	13	13	13	13
14'	9	9	9	9	9	10	10	10	10	10	12	12	12	12	12	14	14	14	14	14	16	16	16	16	16
13'	9	9	9	9	9	11	11	11	11	11	12	12	13	12	12	16	16	16	16	16	18	18	18	18	18
12'	10	10	10	10	10	12	12	12	12	12	14	14	14	14	14	19	19	19	19	19	21	21	21	21	21
11'	12	12	12	12	12	14	14	14	14	14	17	17	17	17	17	22	23	23	23	22	24	25	25	25	24
10'	14	14	14	14	14	17	17	17	17	17	20	20	20	20	20	24	24	25	24	24	27	27	27	27	27
9'	17	17	17	17	17	20	20	20	20	20	24	24	25	24	24	27	27	27	27	27	29	29	30	29	29
8'	21	21	21	21	21	24	24	25	24	24	30	30	30	30	30	33	33	33	33	33	35	35	35	35	35
7'	27	27	27	27	27	30	30	30	30	30	37	37	38	37	37	40	40	40	40	40	41	42	42	42	41
6'	34	34	34	34	34	37	37	38	37	37	47	48	48	48	47	49	49	49	49	49	50	50	50	50	50
5'	44	45	45	45	44	47	48	48	48	47	59	59	59	59	59	68	68	68	68	68	63	63	63	63	63
4'	60	60	60	60	60	60	60	60	60	60	72	72	72	72	72	84	84	84	84	84	75	76	76	76	75
3'	79	79	79	79	79	72	72	72	72	72	91	91	91	91	91	84	84	84	84	84	73	73	73	73	73
2'	100	100	100	100	100	101	101	101	101	101	101	101	101	101	101	84	85	85	84	84	73	73	73	73	73
1'	123	124	124	124	123	101	101	101	101	101	84	85	85	84	84	73	73	73	73	73	63	63	63	63	63
	38 15:1 3.3:1					37 11:1 2.7:1					37 8.2:1 2.3:1					36 6.7:1 2.1:1									

Charts illustrate the center section of a surface lighted by a continuous row of 5 or more luminaires. Values based on vertical and horizontal surface reflective factors of 0.30/0.10

25	5.0:1	2.5:1
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Ratio of maximum FC to average FC (Max:Avg.)

Ratio of maximum FC to minimum FC (Max:Min.)

Footcandles average initial, perpendicular to wall (FCAI)

	24" from surface					30" from surface					36" from surface				
15'	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4
14'	3	3	4	3	3	4	4	4	4	4	5	5	5	5	5
13'	4	4	4	4	4	5	5	5	5	5	6	6	6	6	6
12'	5	5	5	5	5	6	6	6	6	6	7	7	7	7	7
11'	6	6	6	6	6	8	8	8	8	8	9	9	9	9	9
10'	7	8	8	8	7	9	9	9	9	9	11	11	11	11	11
9'	9	9	9	9	9	11	11	11	11	11	13	13	13	13	13
8'	12	12	12	12	12	14	14	14	14	14	15	15	15	15	15
7'	15	15	15	15	15	17	17	17	17	17	18	18	18	18	18
6'	18	18	18	18	18	20	20	20	20	20	22	22	22	22	22
5'	23	24	24	24	23	26	26	26	26	26	27	27	27	27	27
4'	31	32	32	32	31	33	33	33	33	33	33	33	33	33	33
3'	42	43	43	43	42	41	41	41	41	41	38	39	39	39	38
2'	54	56	57	56	54	50	51	51	51	50	46	47	47	47	46
1'	72	77	80	77	72	61	63	65	63	61	51	53	53	53	51

Styles:

F152



Lamp

60W T12 high output fluorescent rated 4350 lumens

Reflector

Large cross-section, nominal 48" long with clear acrylic lens  
Reflector aiming is adjustable

Multipliers for Other Lamps:

115W (F48T12/CW/VHO, 6600 lumens) 1.52

21 | 27:1 | 3.8:1

21 | 18:1 | 3.1:1

20 | 12:1 | 2.6:1

	30" from surface					36" from surface					42" from surface				
18'	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3
17'	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4
16'	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4
15'	4	4	4	4	4	4	4	4	4	4	5	5	5	5	5
14'	4	4	4	4	4	5	5	5	5	5	6	6	6	6	6
13'	5	5	5	5	5	6	6	6	6	6	7	7	7	7	7
12'	6	6	6	6	6	7	7	7	7	7	8	8	8	8	8
11'	7	7	7	7	7	9	9	9	9	9	9	10	10	10	9
10'	9	9	9	9	9	10	10	10	10	10	11	11	11	11	11
9'	11	11	11	11	11	12	12	12	12	12	13	13	13	13	13
8'	13	13	13	13	13	14	14	14	14	14	15	15	15	15	15
7'	16	16	16	16	16	17	17	17	17	17	18	18	18	18	18
6'	20	20	20	20	20	21	21	21	21	21	22	22	22	22	22
5'	25	25	25	25	25	26	26	26	26	26	26	26	26	26	26
4'	32	32	32	32	32	32	32	32	32	32	30	31	31	31	30
3'	39	40	40	40	39	37	37	37	37	37	35	35	35	35	35
2'	49	50	51	50	49	45	46	46	46	45	42	42	42	42	42
1'	58	60	62	60	58	48	50	50	49	48	41	42	42	42	41

17 | 27:1 | 3.6:1

17 | 18:1 | 3.0:1

17 | 13:1 | 2.5:1

Charts illustrate the center section of a surface lighted by a continuous row of 5 or more luminaires. Values based on vertical and horizontal surface reflective factors of 0.30/0.10

25 | 5.0:1 | 2.5:1

Ratio of maximum FC to average FC (Max:Avg.)

Ratio of maximum FC to minimum FC (Max:Min.)

Footcandles average initial, perpendicular to wall (FCAl)



**Styles:**

F152 F162



**Lamp** (1) 42W hex tube compact fluorescent rated 3200 lumens

**Reflector** Large cross-section, nominal 12" long (nominal 17" long for two-lamp unit), optional micro-prismatic glass lens Reflector aiming is adjustable

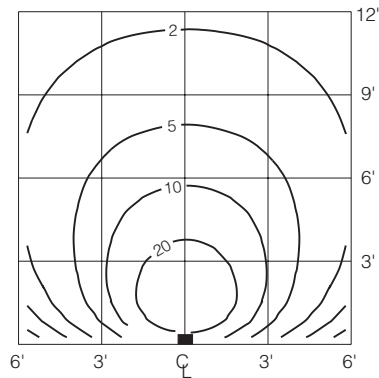
**Multipliers for Other Lamps:**

- (1) 32W (CFTR32W/GX24q, 2400 lumens) 0.75
- \* (2) 32W (CFTR32W/GX24q, 2400 lumens) 1.54
- (2) 42W (CFTR42W/GX24q, 3200 lumens) 2.05

\* F162 only

**Isofootcandle Diagram**

Distance from surface 3'-0"

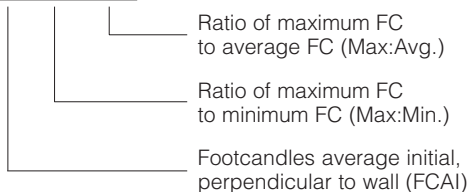


	2'-6" from wall										3' from wall													
	4' o.c.					5' o.c.					5' o.c.					6' o.c.								
9'	13	13	13	13	13	11	11	11	11	11	11	12	12	12	12	12	12	10	10	10	10	10	10	10
8'	15	15	15	15	15	12	12	13	13	12	12	14	14	14	14	14	14	12	12	12	12	12	12	12
7'	19	19	19	19	19	15	15	15	15	15	15	17	17	18	18	17	17	15	15	15	15	15	15	15
6'	24	24	24	24	24	20	20	20	20	20	20	22	22	22	22	22	22	19	19	19	19	19	19	19
5'	32	32	32	32	32	26	26	26	26	26	26	28	28	28	28	28	28	25	24	23	23	23	24	25
4'	42	41	41	42	42	35	34	32	32	34	35	36	35	34	34	35	36	32	31	28	26	28	31	32
3'	54	52	49	52	54	48	44	37	37	44	48	45	42	38	38	42	45	41	38	31	27	31	38	41
2'	70	61	52	61	70	64	54	37	37	54	64	54	48	38	38	48	54	51	44	32	26	32	44	51
1'	81	64	48	64	81	77	57	33	33	58	77	58	48	34	34	48	58	55	45	28	21	28	45	55

	3' from wall										4' from wall													
	4' o.c.					6' o.c.					6' o.c.					8' o.c.								
12'	8	8	8	8	8	6	6	6	6	6	6	8	8	8	8	8	8	6	6	6	6	6	6	6
11'	9	9	9	9	9	7	7	7	7	7	7	8	8	8	8	8	8	6	6	6	6	6	6	6
10'	11	11	11	11	11	8	8	8	8	8	8	10	10	10	10	10	10	7	7	7	7	7	7	7
9'	13	13	13	13	13	9	9	9	9	9	9	11	11	11	12	11	11	11	9	9	9	9	9	9
8'	16	16	16	16	16	11	11	11	11	11	11	14	14	14	14	14	14	11	10	10	10	10	10	11
7'	20	20	20	20	20	14	14	14	14	14	14	16	16	17	17	17	16	16	13	13	12	12	12	13
6'	25	26	26	26	25	18	18	18	17	18	18	20	20	20	20	20	20	16	15	15	14	14	15	16
5'	31	32	32	32	31	22	22	21	21	21	22	23	23	22	22	23	23	19	18	17	16	15	16	19
4'	39	39	39	39	39	29	28	25	23	25	28	27	26	25	24	25	26	27	23	22	19	17	19	23
3'	47	46	45	46	47	37	34	28	24	28	37	30	29	26	25	26	29	30	27	25	21	17	21	27
2'	56	52	47	52	56	47	40	29	23	29	47	33	31	26	24	26	31	33	30	27	21	16	21	30
1'	57	50	42	50	57	50	41	25	19	25	50	32	29	23	21	23	29	32	29	26	19	13	13	29

Charts illustrate the center section of a surface lighted by 6 or more luminaires. Values based on vertical and horizontal surface reflective factors of 0.30/0.10

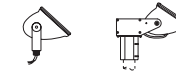
25 | 5.0:1 | 2.5:1



	2'-6" from wall					3' from wall																		
	4' o.c.		5' o.c.			5' o.c.		6' o.c.																
9'	10	10	10	10	10	8	9	9	8	8	8	10	10	10	10	10	10	8	9	9	9	8	8	8
8'	13	13	13	13	13	10	11	11	11	10	10	12	12	12	12	12	12	10	11	11	10	10	10	10
7'	17	17	17	16	16	13	14	14	13	13	13	15	15	15	15	15	15	13	13	13	12	12	12	13
6'	21	21	21	21	21	17	17	17	16	16	17	18	19	19	18	17	18	15	16	16	15	14	15	15
5'	26	27	26	25	26	21	22	21	20	20	21	22	23	22	21	21	22	19	20	19	17	17	18	19
4'	34	35	33	32	34	29	28	25	24	26	29	28	29	26	25	26	28	25	25	21	19	20	23	25
3'	45	45	39	40	45	40	37	28	28	34	40	36	36	29	29	32	36	34	31	23	20	24	29	34
2'	60	53	43	50	60	55	45	28	31	45	56	46	41	30	31	39	46	44	37	23	20	27	37	44
1'	62	45	30	47	62	56	38	16	22	43	56	43	34	20	23	35	43	42	32	14	12	21	34	42
	30   6.0:1   2.1:1		24   6.7:1   2.4:1			23   4.7:1   2.0:1		20   5.3:1   2.2:1																

Styles:

F152 F162



Lamp

(1) 42W hex tube compact fluorescent rated 3200 lumens

Reflector

Large cross-section, nominal 12" long (nominal 17" long for two-lamp unit), **standard clear glass lens**  
Reflector aiming is adjustable

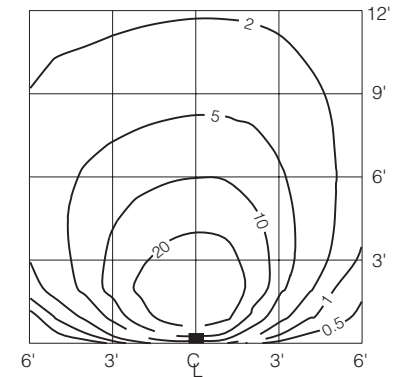
Multipliers for Other Lamps:

- (1) 32W (CFTR32W/GX24q, 2400 lumens) 0.75
- \* (2) 32W (CFTR32W/GX24q, 2400 lumens) 1.54
- (2) 42W (CFTR42W/GX24q, 3200 lumens) 2.05

\* F162 only

Isofootcandle Diagram

Distance from surface 3'-0"



	3' from wall					4' from wall																						
	4' o.c.		6' o.c.			6' o.c.		8' o.c.																				
12'	7	7	7	7	6	5	5	5	5	5	5	6	6	6	6	6	6	5	5	5	5	5	5	5	5			
11'	8	8	8	8	8	6	6	6	6	6	6	7	7	7	7	7	7	5	6	6	6	6	5	5	5	5		
10'	10	10	10	10	9	7	7	7	7	7	7	8	8	8	8	8	8	7	7	7	7	6	6	6	6	7		
9'	12	12	12	12	12	8	8	8	8	8	8	10	10	10	10	10	10	8	8	8	8	8	7	7	7	8		
8'	15	15	15	14	14	10	10	10	10	9	9	10	11	11	12	11	11	11	11	9	9	9	9	9	8	8	9	9
7'	18	18	18	17	18	12	12	12	11	11	11	12	13	13	14	13	13	13	13	10	11	11	10	10	10	10	10	10
6'	21	22	22	21	21	14	15	15	14	13	14	14	15	16	16	15	14	15	15	13	13	13	12	11	11	11	12	13
5'	26	27	26	26	26	18	19	17	16	16	17	18	18	18	18	17	16	17	18	15	15	14	12	12	12	13	14	15
4'	32	34	32	31	32	24	24	20	18	19	21	24	21	22	20	19	19	20	21	19	19	16	13	12	13	15	18	19
3'	41	41	37	37	41	32	29	22	19	22	28	32	25	25	21	19	20	23	25	23	22	17	13	12	14	17	21	23
2'	50	48	41	44	50	42	36	22	19	26	35	42	29	28	22	20	22	26	29	27	25	17	12	11	14	19	24	27
1'	41	36	28	35	41	32	25	11	9	17	28	32	22	21	14	12	16	20	22	24	21	12	7	7	10	16	21	24
	23   7.8:1   2.2:1		15   9.0:1   2.8:1			15   4.8:1   2.0:1		12   5.9:1   2.4:1																				

Charts illustrate the center section of a surface lighted by 6 or more luminaires. Values based on vertical and horizontal surface reflective factors of 0.30/0.10

25 | 5.0:1 | 2.5:1

- Ratio of maximum FC to average FC (Max:Avg.)
- Ratio of maximum FC to minimum FC (Max:Min.)
- Footcandles average initial, perpendicular to wall (FCAl)

