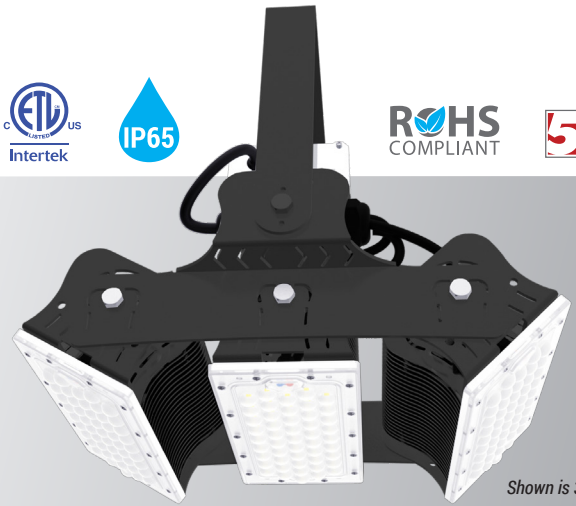


Catalog Number:	Note:
Project Name:	Type:

INDUSTRIAL AND HIGH-COMMERCIAL LIGHTING MANUFACTURER

CLFL1 Series

Flood Light LED Luminaire



Shown is 300W

The CLFL series is IP65 rated and can be used indoors or outdoors, as it protects against water, dust, and vapor. Comes standard with surface mounting kit.

Ideal use for sports facilities, workshops, parking lots, warehouses, and a variety of other locations.

CONSTRUCTION

Excellent optical design, greatly improves the light utilization and evenness. The LED driver is mounted in direct contact with the casting to promote low operating temperature and long life. Aluminum cooling fin design for highly efficient heat dissipation.

ELECTRICAL

Luminaire is built with the highest quality 100-240VAC drivers.

OPTICAL SYSTEM

Designed to reduce glare and improve light distribution through precision formed lens optics.

MOUNTING

U-bracket mounting included.

ENERGY SAVINGS

Over 50% energy savings than traditionally fluorescent fixtures, low heat productions requires less maintenance and operation cost.

LISTING

ETL Listed, IP65 Rated, RoHS

WARRANTY

5 year Limited Warranty

PART NO.	DELIVERED LUMENS	EFFICACY
CLFL1-100W	17,000 @ 5000K	170 lm/W
CLFL1-200W	34,000 @ 5000K	170 lm/W
CLFL1-300W	51,000 @ 5000K	170 lm/W
CLFL1-400W*	68,000 @ 5000K	170 lm/W
CLFL1-600W*	102,000 @ 5000K	170 lm/W

*(special order required)

TECHNICAL SPECIFICATION

CCT	5000K (3000K, 4000K special order required)
CRI	70+
BEAM ANGLE	30°, 60°, 90°
VOLTAGE	100V-240V
POWER FREQUENCY	50/60 Hz
POWER FACTOR	>0.95
THD	≤20%
TEMPERATURE RATED	-40°F ~ 140°F
IP RATING	IP65
WARRANTY	5 year limited

ORDERING SAMPLE:

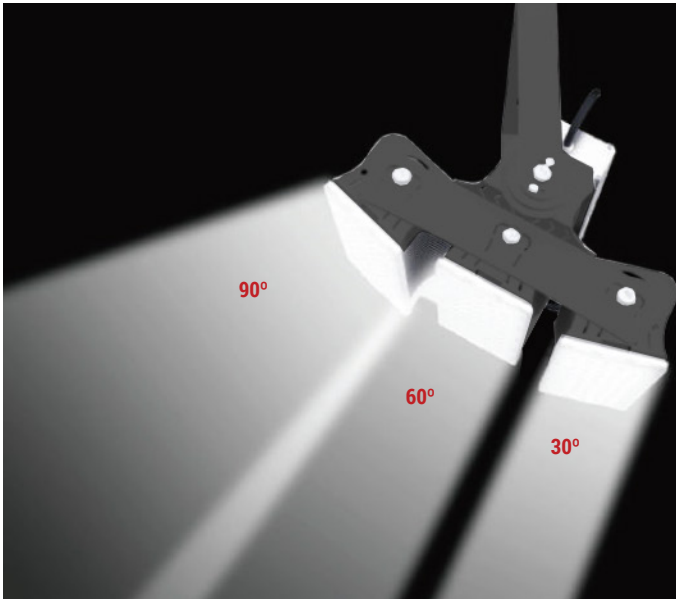
CLFL1 Series	-	100W Wattage	-	50K CCT	-	90 Beam Angle
CLFL1 Flood Light Series		100W 200W 300W 400W* 600W*		50K - 5000K (3000K, 4000K special order required)		90 - 90° (Standard) 60 - 60° 30 - 30°

*(special order required)

Catalog Number:	Note:
Project Name:	Type:

INDUSTRIAL AND HIGH-COMMERCIAL LIGHTING MANUFACTURER

CLFL1 SERIES



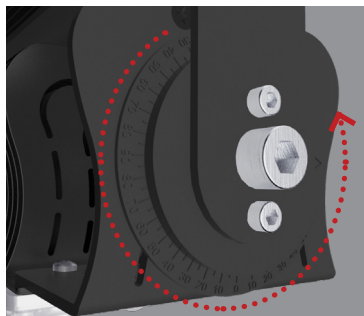
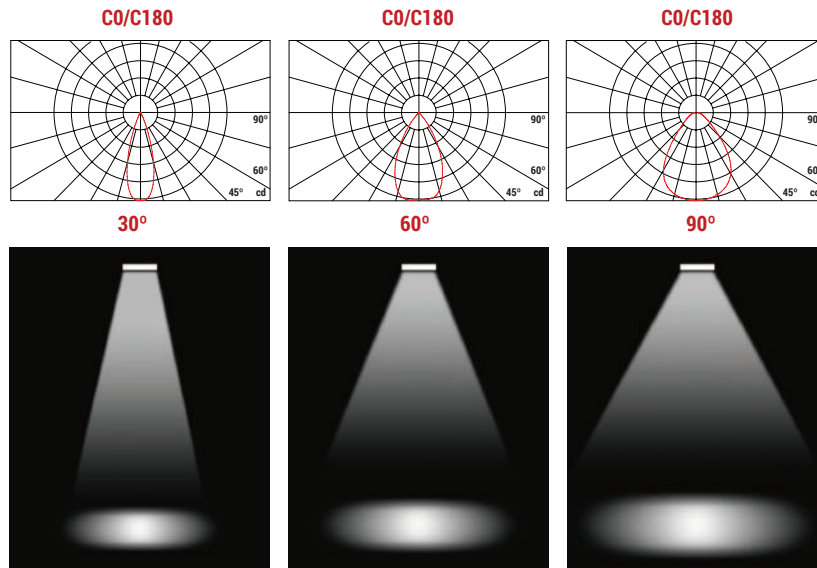
LIGHT DISTRIBUTION

Multiple optical lens choices are available with angles including 30°/60°/90° to meet the requirements for professional light distribution and an extensive scope of applications.



LED MODULE

Easy to replace, remove, maintain LED module.



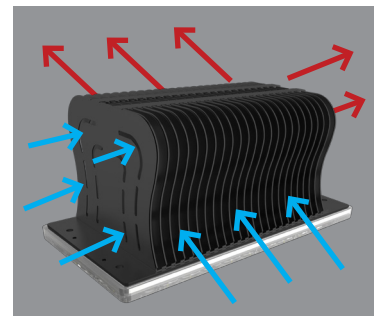
U-BRACKET

The U-bracket can be rotate up to 360°



MODULE HOLDER

The module holder can be rotate up to 90°



COOLING-FIN

Ultra-light weight, highly efficient heat-dissipation, multi-way air flow plus aluminum cooling-fin

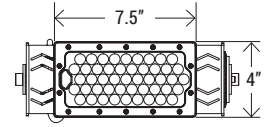
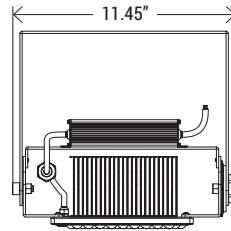
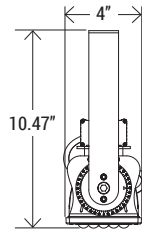
Catalog Number:	Note:
Project Name:	Type:

INDUSTRIAL AND HIGH-COMMERCIAL LIGHTING MANUFACTURER

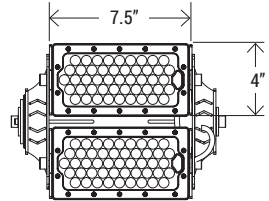
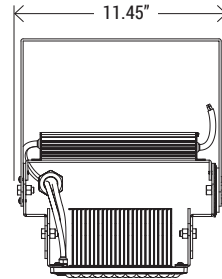
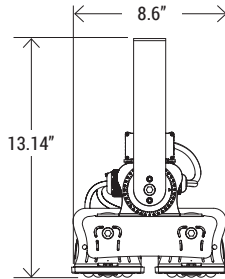
CLFL1 SERIES

DIMENSIONS

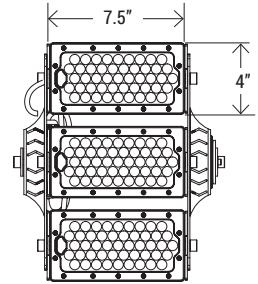
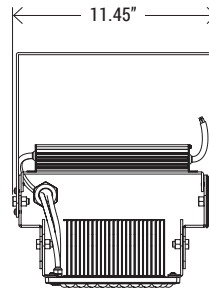
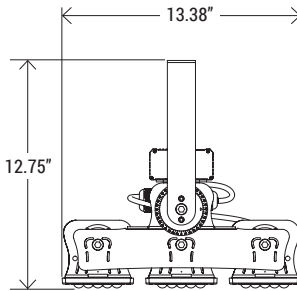
CLFL1-100W



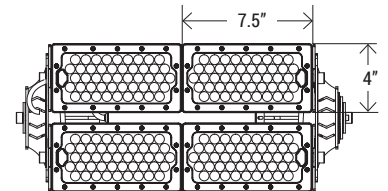
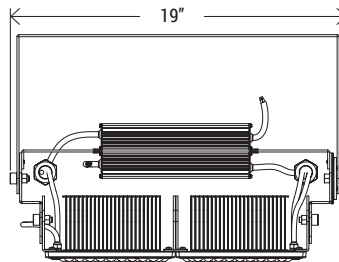
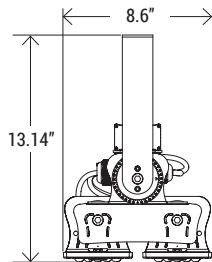
CLFL1-200W



CLFL1-300W

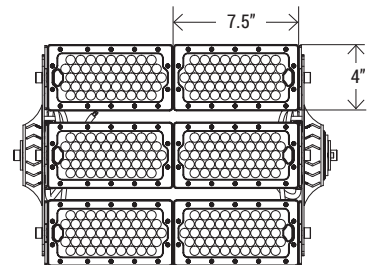
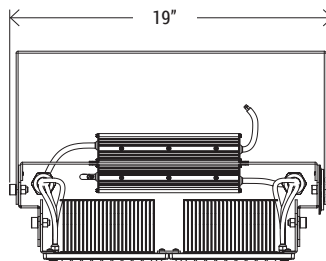
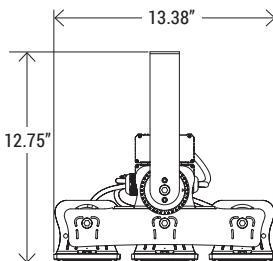


CLFL1-400W*



*(special order required)

CLFL1-600W*



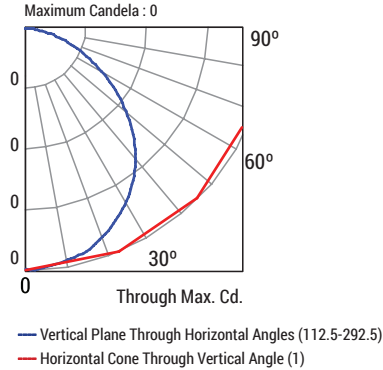
*(special order required)

INDUSTRIAL AND HIGH-COMMERCIAL LIGHTING MANUFACTURER

CLFL1 SERIES

PHOTOMETRICS

CLTP-4FT *Wattage: 37W* *Delivered lumens: 5081* *Efficacy: 137 lm/W* *CCT: 4000K* *CRI: 80*

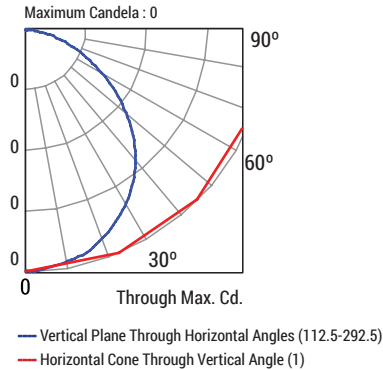


RCR	Coefficients of Utilization												
	20%												
	80%			70%			50%			30%			
pfc	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	30%	10%
0	119	119	119	119	116	116	116	116	111	111	111	111	111
1	109	105	101	97	107	103	99	96	98	95	93	93	93
2	100	92	86	80	97	90	84	79	87	81	77	77	77
3	91	81	73	67	89	80	72	67	77	70	65	65	65
4	84	72	64	57	82	71	63	57	68	62	56	56	56
5	77	65	56	50	75	64	55	49	61	54	49	49	49
6	71	58	50	43	69	57	49	43	56	48	43	43	43
7	66	53	44	38	65	52	44	38	51	43	38	38	38
8	62	48	40	34	60	48	40	34	46	39	34	34	34
9	58	44	36	31	56	44	36	31	43	36	31	31	31
10	54	41	33	28	53	41	33	28	40	33	28	28	28

CP Summary		
	0°	90°
0°	0	0
5°	0	0
15°	0	0
25°	0	0
35°	0	0
45°	0	0
55°	0	0
65°	0	0
75°	0	0
85°	0	0
90°	0	0

Zonal Lumen Summary		
	Lumens	%Fixture
0° - 20°	0	0
0° - 30°	0	0
0° - 40°	0	0
0° - 60°	0	0
0° - 80°	0	0
0° - 90°	0	0

CLTP-4FT *Wattage: 37W* *Delivered lumens: 5225* *Efficacy: 138lm/W* *CCT: 5000K* *CRI: 80*

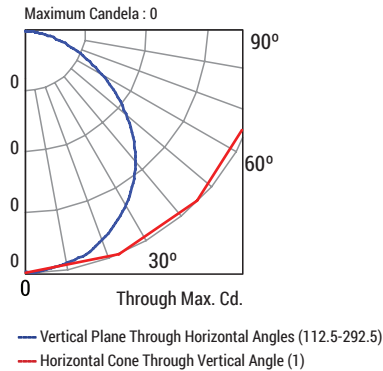


RCR	Coefficients of Utilization												
	20%												
	80%			70%			50%			30%			
pfc	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	30%	10%
0	119	119	119	119	116	116	116	116	111	111	111	111	111
1	109	105	101	97	107	103	99	96	98	95	93	93	93
2	100	92	86	80	97	90	84	79	87	81	77	77	77
3	91	81	73	67	89	80	72	67	77	70	65	65	65
4	84	72	64	57	82	71	63	57	68	62	56	56	56
5	77	65	56	50	75	64	55	49	61	54	49	49	49
6	71	58	50	43	69	57	49	43	56	48	43	43	43
7	66	53	44	38	65	52	44	38	51	43	38	38	38
8	62	48	40	34	60	48	40	34	46	39	34	34	34
9	58	44	36	31	56	44	36	31	43	36	31	31	31
10	54	41	33	28	53	41	33	28	40	33	28	28	28

CP Summary		
	0°	90°
0°	0	0
5°	0	0
15°	0	0
25°	0	0
35°	0	0
45°	0	0
55°	0	0
65°	0	0
75°	0	0
85°	0	0
90°	0	0

Zonal Lumen Summary		
	Lumens	%Fixture
0° - 20°	0	0
0° - 30°	0	0
0° - 40°	0	0
0° - 60°	0	0
0° - 80°	0	0
0° - 90°	0	0

CLTP-4FT *Wattage: 37W* *Delivered lumens: 5225* *Efficacy: 138lm/W* *CCT: 5000K* *CRI: 80*



RCR	Coefficients of Utilization												
	20%												
	80%			70%			50%			30%			
pfc	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	30%	10%
0	119	119	119	119	116	116	116	116	111	111	111	111	111
1	109	105	101	97	107	103	99	96	98	95	93	93	93
2	100	92	86	80	97	90	84	79	87	81	77	77	77
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7	66	53	44	38	65	52	44	38	51	43	38	38	38
8	62	48	40	34	60	48	40	34	46	39	34	34	34
9	58	44	36	31	56	44	36	31	43	36	31	31	31
10	54	41	33	28	53	41	33	28	40	33	28	28	28

CP Summary		
	0°	90°
0°	0	0
5°	0	0
15°	0	0
25°	0	0
35°	0	0
45°	0	0
55°	0	0
65°	0	0
75°	0	0
85°	0	0
90°	0	0

Zonal Lumen Summary		
	Lumens	%Fixture
0° - 20°	0	0
0° - 30°	0	0
0° - 40°	0	0
0° - 60°	0	0
0° - 80°	0	0
0° - 90°	0	0