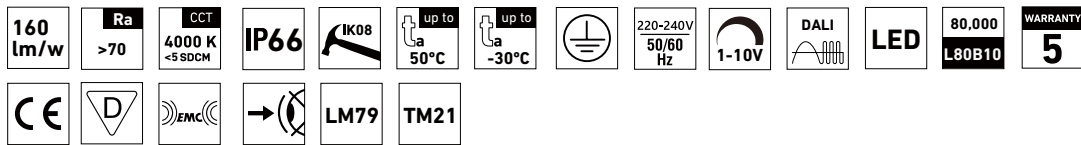


Klose

General Characteristics

- The luminaire designed especially for a hot climate country, tested under ambient temperature of 50°C, in IEC60598-2-5 test procedure.
- The unique design allows optimal cooling and self-cleaning structure.
- All outer materials, gaskets and lenses are durable UV radiation of the sun and outdoor conditions in hot countries.
- All corrosion resistant closure hinges in exterior condition can be customized for NSS 1000hrs,1500hrs, 2000hrs, 2500hrs.
- The luminaire complies with vibration resistance requirements.
- The luminaire materials are at least 70% recyclable.
- 5-step MacAdam ellipse, after binning operation per IEC62707.
- Power selectable version to help reduce SKU
- Superb heat management. The one piece formed ADC12 die casting aluminum provides a better thermal conductivity.
- Tick marks are optional, provided on the housing to allow for precise aiming
- ies/.ldt files are available.



Mechanical

Materials : ADC 12 structure
 Lens: PC
 Glass: Tempered glass
 Installation: Ground /Wall Mounted
 Color: Black
 Ingress protection: IP66
 Ingress protection: IK08
 Ambient temperature: -30°C~+50°C

Electrical

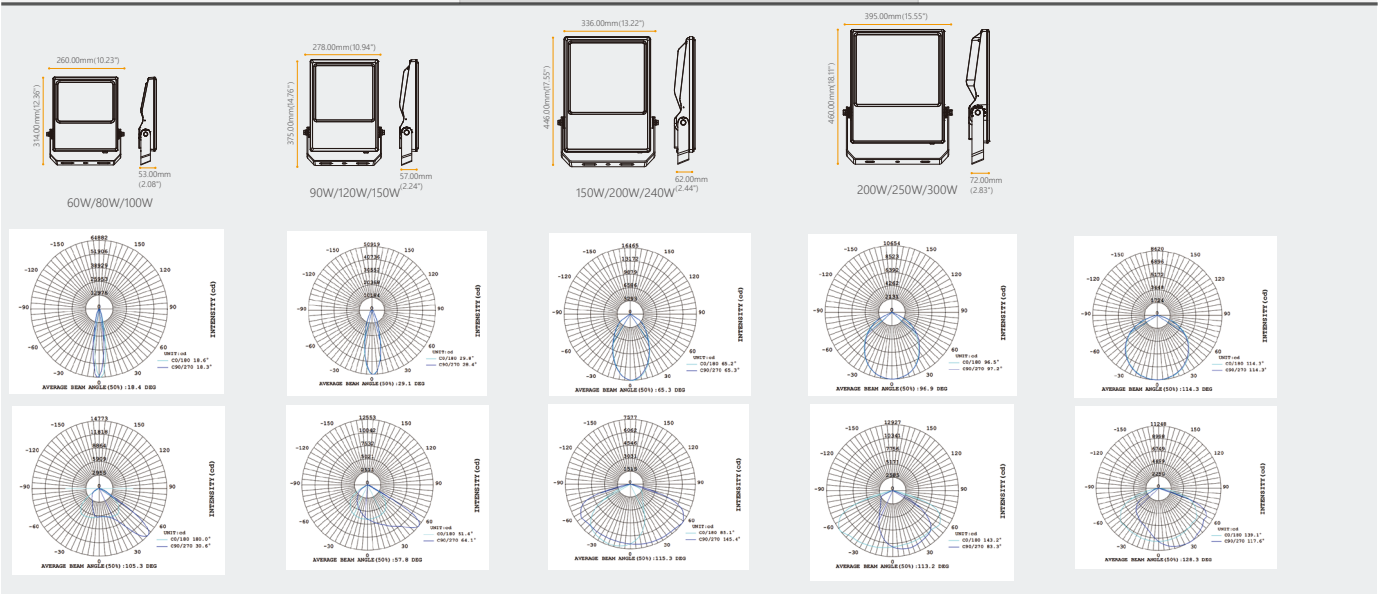
Input: 220-240VAC (50/60Hz)
 Power factor: >0.95
 THD: <5%
 Safety class: Class I
 Surge protection:
 60-240W: 6+6KV Surge Protection
 (Philips), 300W: 6+10KV Surge
 Protection (Philips), 10KV optional

Other control

Sensing: PIR/MW sensor
 Communication: 1-10V/DALI

Application

Ports, Facade, Drive way, Parking lots,
 Sport halls



Type	Power [W]	Total Flux [lm]	Efficacy [lm/w]	Beam angle [°]	Ta Max: [°C]	Size [mm]	Net weight [kg]
IL-FL19-N10040-15	59.98	8685	144.8	15	50	260*53*314	2.7
	80.8	11265	139.4	15	50		
	100.8	13579	134.7	15	50		
IL-FL19-N15040-15	89.98	13019	144.7	15	50	278*57*375	3.6
	119.9	16749	139.6	15	50		
	150.8	20319	134.7	15	50		
IL-FL19-N24040-15	150.8	21796	144.5	15	50	336*62*446	5.3
	200.8	28049	139.7	15	50		
	240.8	32441	134.7	15	50		
IL-FL19-N30040-15	200.8	29049	144.7	15	50	395*72*460	7
	249.9	34889	139.6	15	50		
	300.7	40549	134.9	15	50		
IL-FL19-N10040-30	60	9587.4	159.8	30	50	260*53*314	2.7
	80.5	12447	154.6	30	50		
	100.5	15096	150.2	30	50		
IL-FL19-N15040-30	89.66	14316	159.6	30	50	278*57*375	3.6
	119.9	18616	155.2	30	50		
	150.5	22509	149.6	30	50		
IL-FL19-N24040-30	150.5	24062	159.9	30	50	336*62*446	5.3
	200.5	31091	155.1	30	50		
	239.9	35927	149.7	30	50		
IL-FL19-N30040-30	200.5	32011	159.7	30	50	395*72*460	7
	249.9	38691	154.8	30	50		
	300.5	45019	149.8	30	50		
IL-FL19-N10040-60	59.98	9588	159.9	60	50	260*53*314	2.7
	81.09	12578	155.1	60	50		
	101	15186	150.2	60	50		
IL-FL19-N15040-60	89.98	143.86	159.9	60	50	278*57*375	3.6
	119.9	18616	155.2	60	50		
	149.9	22516	150.1	60	50		
IL-FL19-N24040-60	149.9	23966	159.8	60	50	336*62*446	5.3
	201.1	31206	155.2	60	50		
	241.1	36198	150.1	60	50		
IL-FL19-N30040-60	201.1	32206	160.2	60	50	395*72*460	7
	249.9	38708	154.9	60	50		
	301.1	45286	150.4	60	50		
IL-FL19-N10040-90	59.99	9612.5	160.2	90	50	260*53*314	2.7
	91.5	12619	154.8	90	50		
	101.5	15247	150.2	90	50		
IL-FL19-N15040-90	89.98	14382	159.8	90	50	278*57*375	3.6
	119.9	18618	155.2	90	50		
	151.5	22783	150.4	90	50		
IL-FL19-N24040-90	151.5	24263	160.1	90	50	336*62*446	5.3
	201.5	31248	155.1	90	50		
	239.9	36048	150.2	90	50		
IL-FL19-N30040-90	201.5	32308	160.3	90	50	395*72*460	7
	249.9	38728	154.9	90	50		
	301.5	45289	150.2	90	50		
IL-FL19-N10040-110	59.98	10184	169.8	110	50	260*53*314	2.7
	79.97	13164	164.6	110	50		
	99.98	16014	160.2	110	50		
IL-FL19-N15040-110	89.98	15264	169.6	110	50	278*57*375	3.6
	120	19764	164.6	110	50		
	149.9	23974	159.8	110	50		
IL-FL19-N24040-110	149.9	25474	169.8	110	50	336*62*446	5.3
	200.5	33021	164.7	110	50		
	240.5	38399	159.7	110	50		
IL-FL19-N30040-110	200.5	33988	169.5	110	50	395*72*460	7
	249.9	41181	164.7	110	50		
	301.5	48182	159.8	110	50		

Type	Power [W]	Total Flux [lm]	Efficacy [lm/w]	Beam angle [°]	Ta Max: [°C]	Size [mm]	Net weight [kg]
IL-FL19-N10040-P45	59.98	8685	144.8	Polarize 45	50	260*53*314	2.7
	79.97	11160	139.6	Polarize 45	50		
	100.8	13589	134.8	Polarize 45	50		
IL-FL19-N15040-P45	89.98	13029	144.8	Polarize 45	50	278*57*375	3.6
	119.9	16759	139.7	Polarize 45	50		
	149.9	20229	134.9	Polarize 45	50		
IL-FL19-N24040-P45	149.9	21699	144.7	Polarize 45	50	336*62*446	5.3
	200.8	28049	139.7	Polarize 45	50		
	239.8	32349	134.8	Polarize 45	50		
IL-FL19-N30040-P45	200.8	29069	144.8	Polarize 45	50	395*72*460	7
	249.9	34929	139.8	Polarize 45	50		
	299.8	40429	134.8	Polarize 45	50		
IL-FL19-N10040-P60	59.98	8686.4	144.8	Polarize 60	50	260*53*314	2.7
	79.97	11168	139.7	Polarize 60	50		
	99.98	13468	134.7	Polarize 60	50		
IL-FL19-N15040-P60	89.98	13032	144.8	Polarize 60	50	278*57*375	3.6
	119.9	16762	139.7	Polarize 60	50		
	149.9	20182	134.6	Polarize 60	50		
IL-FL19-N24040-P60	149.9	21682	144.6	Polarize 60	50	336*62*446	5.3
	199.9	27962	139.8	Polarize 60	50		
	239.8	32342	134.8	Polarize 60	50		
IL-FL19-N30040-P60	199.9	28962	144.8	Polarize 60	50	395*72*460	7
	249.8	34922	139.7	Polarize 60	50		
	299.8	40352	134.6	Polarize 60	50		
IL-FL19-N10040-TY2	59.98	9571.9	159.6	Type II	50	260*53*314	2.7
	80.19	12426	154.9	Type II	50		
	100.1	15046	150.2	Type II	50		
IL-FL19-N15040-TY2	89.98	14382	159.8	Type II	50	278*57*375	3.6
	120	18610	155.1	Type II	50		
	150.1	22510	149.9	Type II	50		
IL-FL19-N24040-TY2	150.1	24002	159.8	Type II	50	336*62*446	5.3
	200.1	31070	155.2	Type II	50		
	240.1	36101	150.3	Type II	50		
IL-FL19-N30040-TY2	200.1	32070	160.2	Type II	50	395*72*460	7
	249.8	38701	154.9	Type II	50		
	300.7	45166	150.2	Type II	50		
IL-FL19-N10040-TY3	59.79	9549.3	159.7	Type III	50	260*53*314	2.7
	79.8	12349	154.8	Type III	50		
	99.8	14949	149.8	Type III	50		
IL-FL19-N15040-TY3	89.8	14349	159.8	Type III	50	278*57*375	3.6
	119.8	18539	154.8	Type III	50		
	149.8	22439	149.8	Type III	50		
IL-FL19-N24040-TY3	149.8	23906	159.6	Type III	50	336*62*446	5.3
	199.8	30926	154.8	Type III	50		
	239.8	35926	149.8	Type III	50		
IL-FL19-N30040-TY3	199.8	31926	159.8	Type III	50	395*72*460	7
	249.8	38646	154.6	Type III	50		
	299.8	44866	149.6	Type III	50		
IL-FL19-N10040-TY4	59.79	9544.6	159.6	Type IV	50	260*53*314	2.7
	79.8	12345	154.7	Type IV	50		
	99.8	14945	149.7	Type IV	50		
IL-FL19-N15040-TY4	89.8	14352	159.8	Type IV	50	278*57*375	3.6
	119.8	18542	154.8	Type IV	50		
	149.8	22398	149.5	Type IV	50		
IL-FL19-N24040-TY4	149.8	23938	159.8	Type IV	50	336*62*446	5.3
	199.8	30858	154.4	Type IV	50		
	239.8	35868	149.5	Type IV	50		
IL-FL19-N30040-TY4	199.8	31898	159.6	Type IV	50	395*72*460	7
	249.8	38678	154.8	Type IV	50		
	299.8	44878	149.6	Type IV	50		