

LED REMOTE HEAD LAMP

RL-Series



DC Type Specification

Input voltage	10 - 28 Vdc
Driver type	Internal driver
LED driver	Constant current
Lamps	LM-80 certified high-power / high-lumen LEDs with metal-core PCB and aluminum heat-sink for excellent heat management
Beam control	High efficiency PMMA lenses
Rated beam angle	36°
Color temperature	3000 - 4500 K, CRI > 70 (daylight option also available)
Standards	ISO 9001
Casing	Extruded aluminum

Model	Lamp rated power	Input power consumption*	Rated luminous flux	Weight
RL-301D	9 W x 1 lamp	8 W	500 lm/lamp	0.30 kg
RL-302D	9 W x 2 lamps	16 W	500 lm/lamp	0.52 kg
RL-303D	9 W x 3 lamps	24 W	500 lm/lamp	0.75 kg
RL-401D	12 W x 1 lamp	10 W	700 lm/lamp	0.30 kg
RL-402D	12 W x 2 lamps	20 W	700 lm/lamp	0.52 kg
RL-403D	12 W x 3 lamps	30 W	700 lm/lamp	0.75 kg

**DC central battery control unit (i.e., LDC) is to be selected based upon input power consumption, not lamp rated power. Note that for DC systems, power loss must always be taken into account.*



AC Type Specification

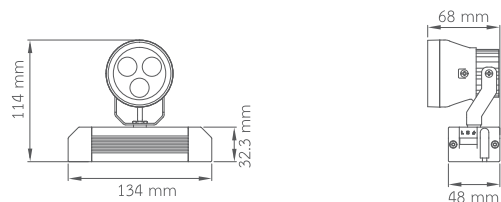
Input voltage	220 Vac $\pm$ 15% / 50 Hz
Driver type	Internal Driver
Power factor	> 0.8
THDi	< 25% [♦]
Lamps	LM-80 certified high-power / high-lumen LEDs with metal-core PCB and aluminum heat-sink for excellent heat management
Beam control	High efficiency PMMA lenses
Rated beam angle	36°
Color temperature	3000 - 4500 K, CRI > 70 (daylight option also available)
Standards	TIS 1955-2551, ISO 9001
Casing	Steel sheet coated with powder paint

Model	Lamp rated power	Input power consumption	Input apparent power*	Rated luminous flux	Weight
RL-301A	9 W x 1 lamp	8 W	10.0 VA	500 lm/lamp	0.50 kg
RL-302A	9 W x 2 lamps	14 W	17.5 VA	500 lm/lamp	0.75 kg
RL-303A	9 W x 3 lamps	22 W	27.5 VA	500 lm/lamp	1.20 kg
RL-401A	12 W x 1 lamp	10 W	12.5 VA	700 lm/lamp	0.50 kg
RL-402A	12 W x 2 lamps	18 W	22.5 VA	700 lm/lamp	0.75 kg
RL-403A	12 W x 3 lamps	28 W	35.0 VA	700 lm/lamp	1.20 kg

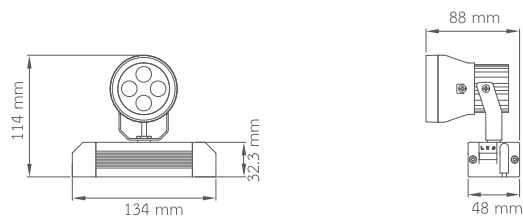
*AC central battery control unit (i.e., CBS) is to be selected based upon input apparent power, not lamp rated power.

[♦]THDi measured at THDv < 0.5%

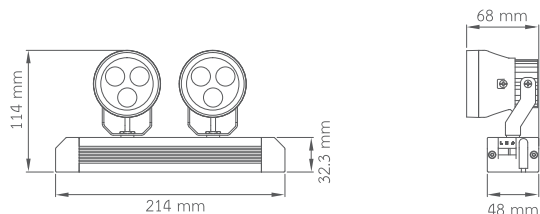
DIMENSIONS



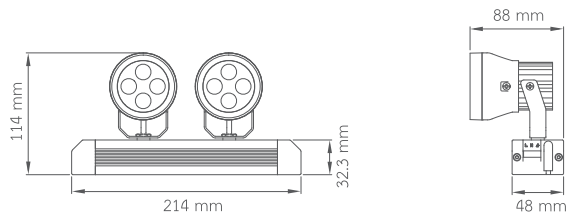
RL-301D



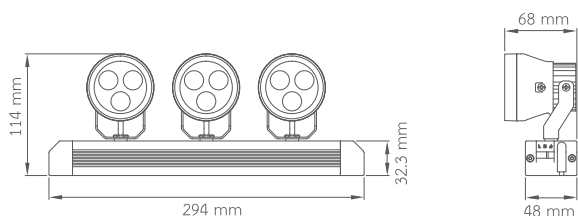
RL-401D



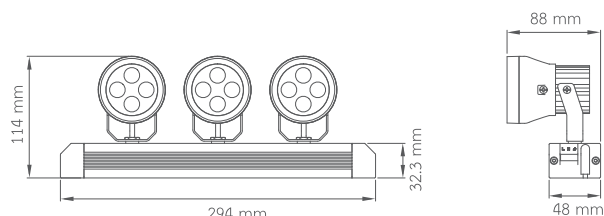
RL-302D



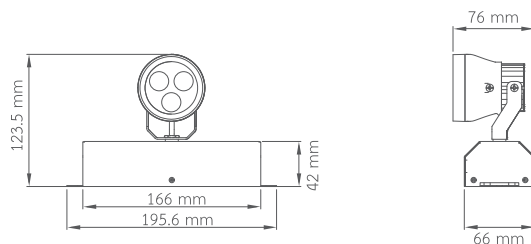
RL-402D



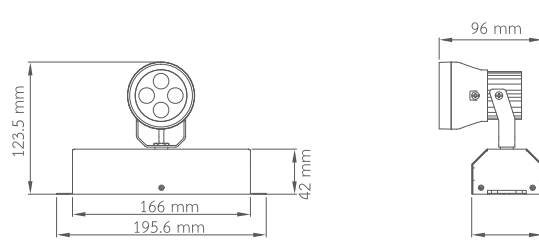
RL-303D



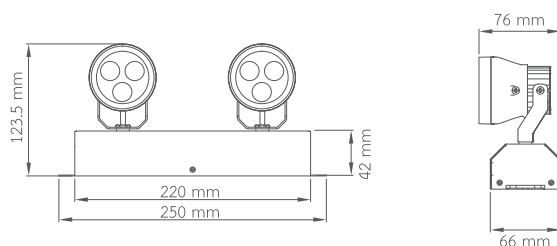
RL-403D



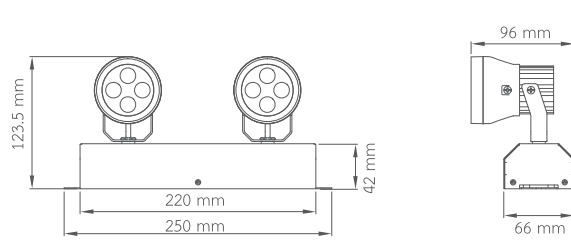
RL-301A



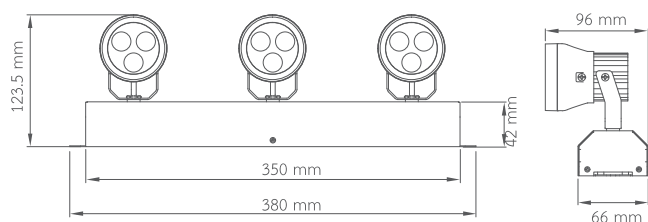
RL-401A



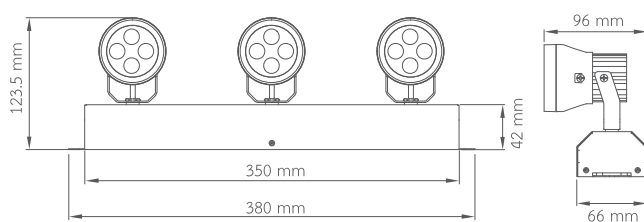
RL-302A



RL-402A



RL-303A



RL-403A



Venue: Bumrungrad International Hospital, Bangkok
สถานที่: โรงพยาบาลบำรุงราษฎร์, กรุงเทพฯ

LED DOWNLIGHT

LFC-Series



DC Type Specification

Input voltage	10 - 28 Vdc
Driver type	External driver
LED driver	Constant current
Lamps	LM-80 certified high-power / high-lumen LEDs with metal-core PCB and aluminum heat-sink for excellent heat management
Beam control	High efficiency PMMA lens
Rated beam angle	36°
Color temperature	3000 - 4500 K, CRI > 70 (5700 K and CRI > 80 option also available)
Standards	ISO 9001
Casing	Aluminum coated with powder paint (lamp); Extruded aluminum (driver)

Model	Lamp rated power	Input power consumption*	Rated luminous flux	Driver	Weight (Lamp)	Weight (Driver)
LFC-301D-3K0	9 W	8 W	500 lm	LDM-08DC	0.27 kg	0.12 kg
LFC-401D-3K0	12 W	10 W	700 lm	LDM-08DC	0.27 kg	0.12 kg
LFC-501D-3K0	15 W	13 W	800 lm	LDM-08DC	0.36 kg	0.12 kg

**DC central battery control unit (i.e., LDC) is to be selected based upon input power consumption, not lamp rated power. Note that for DC systems, power loss must always be taken into account.*



AC Type Specification

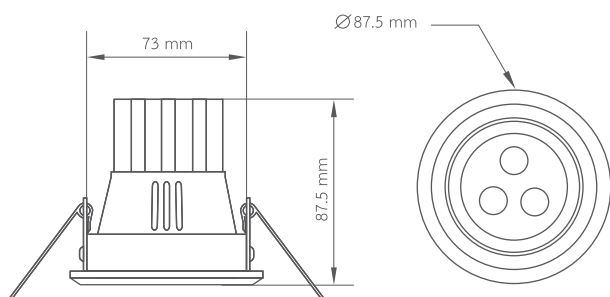
Input voltage	220 Vac $\pm$ 15% / 50 Hz
Driver type	External Driver
LED driver	Constant current
Power factor	> 0.8
THDi	< 25% ♦
Lamps	LM-80 certified high-power / high-lumen LEDs with metal-core PCB and aluminum heat-sink for excellent heat management
Beam control	High efficiency PMMA lens
Rated beam angle	36°
Color temperature	3000 - 4500 K, CRI > 70 (5700 K and CRI > 80 option also available)
Standards	TIS 1955-2551, ISO 9001
Casing	Aluminum coated with powder paint (lamp); Steel sheet (driver)

Model	Lamp rated power	Input power consumption	Input apparent power*	Rated luminous flux	Driver	Weight (Lamp)	Weight (Driver)
LFC-301A-3K0	9 W	8 W	10.0 VA	500 lm	LD-014V0060ACS	0.27 kg	0.16 kg
LFC-401A-3K0	12 W	10 W	12.5 VA	700 lm	LD-014V0060ACS	0.27 kg	0.16 kg
LFC-501A-3K0	15 W	12 W	15.0 VA	800 lm	LD-016V0060ACS	0.36 kg	0.16 kg

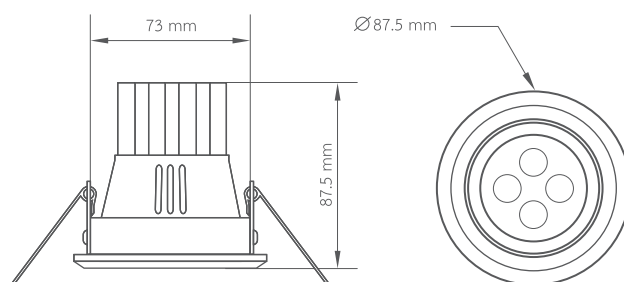
**AC central battery control unit (i.e., CBS) is to be selected based upon input apparent power, not lamp rated power.*

♦THDi measured at THDv < 0.5%

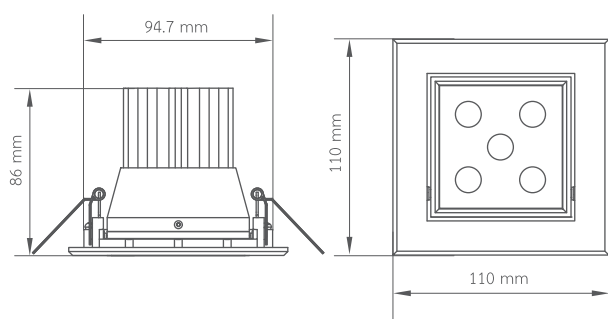
DIMENSIONS



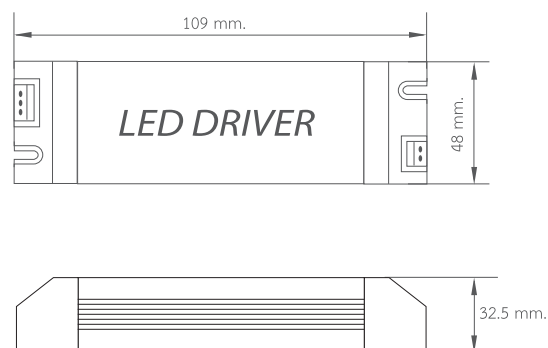
LFC-301D-3K0 / LFC-301A-3K0



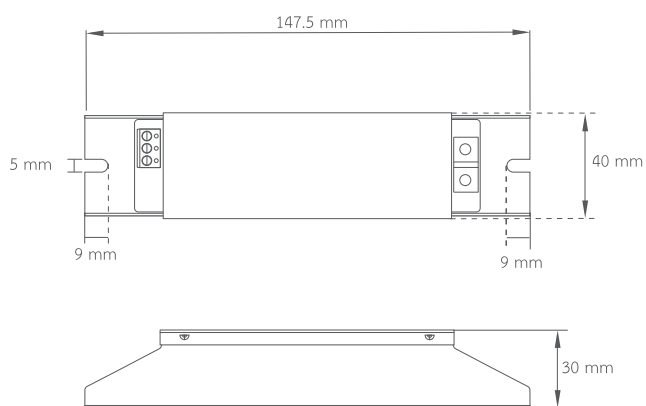
LFC-401D-3K0 / LFC-401A-3K0



LFC-501D-3K0 / LFC-501A-3K0



LDM-08DC



LD-014V0060ACS / LD-016V0060ACS



Venue: Bumrungrad International Hospital, Bangkok
สถานที่: โรงพยาบาลบำรุงราษฎร์, กรุงเทพฯ