



LED
L A M P S

LED 'A' Shaped Series



A55 3W/5 A60 7W A60 9W A60 11W/13W A67 15W



A60 DIM 7W/9.5W



A60 Emergency 5W

Features & Benefits

- Wide beam angle - 240°
- Voltage range 100 - 264VAC

Available :

- Shell size of A55 ,A60 , A67 similar to Incandescent Bulb
- Daylight and warm white
- From 3w to 15w versions
- In E27, B22 Base
- Dimmable versions in A 60 7w and 9.5w
- 2.5 hrs Emergency back up A60 , 5w
- LED Filament mounted on Saphire Substrate



CO2 Emission Reduction



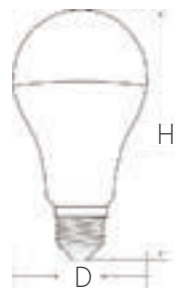
Energy Efficiency Enhancement



Long Service Life



Amalgam Technology No Mercury



Ordering Code	Part Code	Description	Watts (W)	CCT (K)	Voltage (VAC)	Beam Angle	CRI	Dia (mm)	H (mm)	Lumens (lm)	Life (hrs)	Std Pack
RA5-3	R51111301-3	A 55, 3W, E27, 3000K	3	3000	100-260	240°	≥80	55	95	250	25000	50
RA6-5	R51121301-5	A 60, 5W, E27, 3000K	5	3000	100-260	240°	≥80	60	110	400	25000	50
RA6-7	R51121301-7	A 60, 7W, E27, 3000K	7	3000	100-260	240°	≥80	60	108	600	25000	50
RA6-9	R51121301-9	A 60, 9W, E27, 3000K	9	3000	100-260	240°	≥80	60	118	810	25000	50
RA6-11	R51121301-11	A 60, 11W, E27, 3000K	11	3000	100-260	240°	≥80	60	125	1050	25000	50
RA6-13	R51121301-13	A 60, 13W, E27, 3000K	13	3000	100-260	240°	≥80	60	115	1200	25000	50
RA67-15	R51131301-15	A 67, 15W, E27, 3000K	15	3000	100-260	240°	≥80	60	120	1500	25000	50

*Also Available in B22 Base, 6500K



LED High Power Professional Series



20W





40W

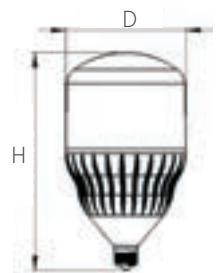
30W

Features & Benefits

- Instant Start, no flicker. Can replace:
 - High Power Spirals
 - Mercury Vapor Lamps
- Polycarbonate Cover with Beam Angle 200°
- Wide Voltage Range... 100-260VAC
- Die-cast Aluminum Fins for Heat Management
- Frosted
- Available in 20, 30 & 40W Versions

Equivalent Lamp Wattages

Spiral	Replace By	Mercury	Replace By
			
35W	20W		20W
45W	30W	80W	30W
65W	40W	125W	40W



CO2 Emission Reduction



Energy Efficiency Enhancement



Long Service Life



Amalgam Technology No Mercury

Ordering Code	Part Code	Description	Watts (W)	CCT (K)	Voltage (VAC)	Beam Angle	CRI	D (mm)	H (mm)	Lumens (lm)	Life (hrs)	Std Pack
RH-20	R511161651-20	High Power LED 20W, 6500K, E27 Base	20	6500	100-260	200°	≥80	100	188	1700	25,000	20
RH-30	R511161651-30	High Power LED 30W, 6500K, E27 Base	30	6500	100-260	200°	≥80	118	220	2400	25,000	20
RH-40	R511161651-40	High Power LED 40W, 6500K, E27 Base	40	6500	100-260	200°	≥80	250	138	3200	25,000	20

* Available in 3000K

LED GU10 Series



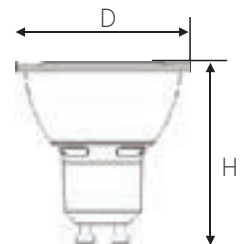
COB

SMD

Features & Benefits

- 50mm dia, fits into existing Halogen fixtures
- Wide beam angle - 36 degrees - for uniform lighting
- Available in 4W & 6W version
- Works with GU10 holders
- For use with 100-260VAC

Available in COB or SMD design options



Ordering Code	Part Code	Description	Watts (W)	CCT (K)	Voltage (VAC)	Beam Angle	CRI	D (mm)	H (mm)	Lumens (lm)	Life (hrs)	Std Pack
RG10S-4	R51171130-4	4 GU10, SMD, 3000K, 100-260V AC	4	3000	100-260	36°	≥80	50	53	230	25,000	50
RG10S-6	R51171130-6	6 GU10, SMD, 3000K, 100-260V AC	6	3000	100-260	36°	≥80	50	53	345	25,000	50
RG10C-4	R51172130-4	4 GU10, COB, 3000K, 100-260V AC	4	3000	100-260	36°	≥80	50	56	230	25,000	50
RG10C-6	R51172130-6	6 GU10, COB, 3000K, 100-260V AC	6	3000	100-260	36°	≥80	50	56	345	25,000	50

* Available in 6500K

LED MR16 w

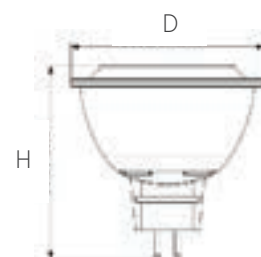


MR16 100-260V


New

Features & Benefits

- 50mm dia, fits into existing Halogen fixtures
- Wide beam angle - 36 degrees - for uniform lighting
- Base type GU5.3
- Housing co-moulded with metal for faster heat dissipation
- Suitable for 100-260VAC
- Available in 4W



Ordering Code	Part Code	Description	Watts (W)	CCT (K)	Voltage (VAC)	Beam Angle	CRI	Dia (mm)	H (mm)	Lumens (lm)	Life (hrs)	Std Pack
RG5.3-4(220)	R5118130-4	4W, MR16, GU 5.3, 3000K, 100-260VAC	4	3000	100-260	36°	≥80	50	48	345	25,000	50

*Available in 6500K

LED G9 Lamps



Features & Benefits

- Replacement for Halogen Capsules
- Available in 2.5w AND 3.5W , 220 - 240V
- Base type G9 and will fix into existing holders for Halogen Capsules
- Life Class 25,000 hrs



Ordering Code	Part Code	Description	Watts (W)	CCT (K)	Voltage (VAC)	Beam Angle	CRI	Dia (mm)	H (mm)	Lumens (lm)	Life (hrs)	Std Pack
RG9-2.5	R51115130-2.5	2.5W, Capsule, G9, 3000K, 220-240VAC	2.5	3000	220-240	120°	≥80	50	48	230	25,000	50
RG9-3.5	R51115130-3.5	3.5W, Capsule, G9, 3000K, 220-240VAC	3.5	3000	220-240	120°	≥80	20	50	200	25,000	50

*Available in 6500K

LED 'PAR' Series



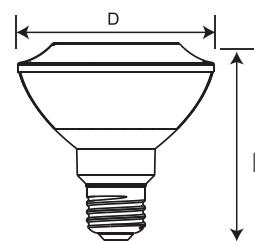
PAR20 7W

PAR30 11W

PAR38 16W

Features & Benefits

- Available PAR 20 , 30 and 38 Versions
- Available in E27 or B22 Base
- Voltage Range 100 - 250VAC
- Lamp dia 63mm 95mm and 122mm respectively



Ordering Code	Part Code	Description	Watts (W)	CCT (K)	Voltage (VAC)	Beam Angle	CRI	H mm	Dia (mm)	Lumens (lm)	Life (hrs)	Std Pack
RPR-7	R51111130-7	7W, PAR20, E27, 3000K, 100-250V	7	3000	100-250	38°	≥80	77	63	450	25000	10
RPR-11	R51112130-11	11W, PAR30, E27, 3000K, 100-250V	11	3000	100-250	45°	≥80	117	95	800	25000	10
RPR-16	R51113130-16	16W, PAR38, E27, 3000K, 100-250V	16	3000	100-250	40°	≥80	132	122	1200	25000	10

*Also Available in Day Light 6500K, *Also Available in Dimmable Version

LED Candle Series



Features & Benefits

- With E14 base to fit in to compact fixtures
- Instant On
- Wide beam angle 160°
- Voltage Range 100 – 250VAC
- Frosted

Available in

- Standard Candle
- Tailed Candle
- Filament Candle
- Daylight and warm white versions
- Available in 3w to 5.5w versions.



CO2 Emission Reduction



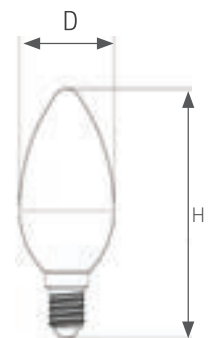
Energy Efficiency Enhancement



Long Service Life



Amalgam Technology No Mercury



Ordering Code	Part Code	Description	Watts (W)	CCT (K)	Voltage (VAC)	Beam Angle	CRI	D (mm)	H (mm)	Lumens (lm)	Life (hrs)	Std Pack
RC-3	R51191303-3	3W, Candle Light, 3000K, E14	3	3000	100-260	160°	≥80	37	98	230	25,000	50
RC-4	R51191303-4	4W, Candle Light, 3000K, E14	4	3000	100-260	160°	≥80	37	98	340	25,000	50
RC-5.5	R51191303-5.5	5.5W, Candle Light, 3000K, E14	5.5	3000	100-260	160°	≥80	37	98	470	25,000	50
RCF-4	R511911303-4	4W, Filament Candle Light, 2700K, E14	4	2700	100-260	160°	≥80	35	97	380	25,000	50

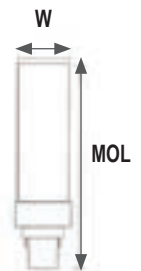


LED Plug In Series



Features & Benefits

- **Retrofit Solution for Pin Type CFL**
- Fits in to existing holders of Plug-in Lamps
- Base Type G24
- No ballast required...Direct 220-240VAC
- Rotatable Base
- Wattages: 6, 10, 12, 15W Option



Ordering Code	Part Code	Description	Watts (W)	CCT (K)	Base	Voltage (VAC)	Frequency (Hz)	CRI	MOL (mm)	W (mm)	H (mm)	Lumens (lm)	Life (hrs)	Std Pack
RLPI-6	R51144765-6	Plug in LED 6 W, G24 Base 6500K	6	6500	G24	220-230	50/60Hz	80	137	38	38	480	20000	12
RLPI-10	R51144765-10	Plug in LED 10 W, G24 Base 6500K	10	6500	G24	220-230	50/60Hz	80	157	38	38	900	20000	12
RLPI-12	R51144765-12	Plug in LED 12 W, G24 Base 6500K	12	6500	G24	220-230	50/60Hz	80	177	38	38	1080	20000	12
RLPI-15	R51144765-15	Plug in LED 15 W, G24 Base 6500K	15	6500	G24	220-230	50/60Hz	80	177	38	38	1350	20000	12

*Available in 3000K, 4000K

LED GU5.3 Series



COB



SMD

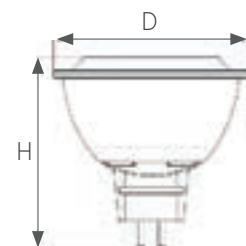
Features & Benefits

- 50mm dia, fits into existing Halogen fixtures
- Wide beam angle - 36 degrees - for uniform lighting
- Base type GU5.3
- Housing co-moulded with metal for faster heat dissipation
- For use with 12VAC transformers
- Available in COB or SMD Versions

Also available

- in dimmable versions in 12VAC versions
- and mains voltage application 100v - 260VAC

Dimmable



Ordering Code	Part Code	Description	Watts (W)	CCT (K)	Voltage (VAC)	Beam Angle	CRI	Dia (mm)	H (mm)	Lumens (lm)	Life (hrs)	Std Pack
RG5.3S-3.8	R51181130-3.8	3.8W, MR16, SMD, GU 5.3, 3000K, 12VAC	3.8	3000	12	36°	≥80	50	51	230	25000	50
RG5.3S-5.3	R51181130-5.3	5.3W, MR16, SMD, GU 5.3, 3000K, 12VAC	5.3	3000	12	36°	≥80	50	51	345	25000	50
RG5.3S-7	R51181130-7	7W, MR16, SMD, GU 5.3, 3000K, 12VAC	7	3000	12	36°	≥80	50	51	500	25000	50
RG5.3C-3.8	R51182130-3.8	3.8W, MR16, COB, GU 5.3, 3000K, 12VAC	3.8	3000	12	36°	≥80	50	51	230	25000	50
RG5.3C-5.3	R51182130-5.3	5.3W, MR16, COB, GU 5.3, 3000K, 12VAC	5.3	3000	12	36°	≥80	50	51	345	25000	50

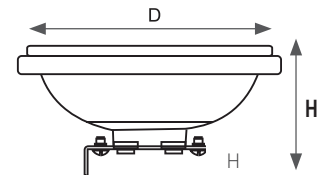
*Available in Day Light 6500K, *Available in Dimmable Version

LED G53 Series



Features & Benefits

- Replacement for Halogen ALR 111 Lamps
- Available in 11 / 15w , 12VAC / DC versions
- LED 11 / 15w will replace 75 / 100w Halogen
- Base type G53 will fit into existing fixtures accommodating Halogen ALR 111
- Life Class 30,000 hrs

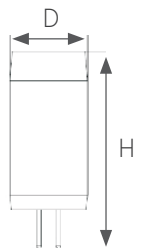


LED G4



Features & Benefits

- Replacement for Halogen Capsules
- Available in 2.5w, 12VAC versions
- Base type G4 and will fix into existing holders for Halogen Capsules



Ordering Code	Part Code	Description	Watts (W)	CCT (K)	Voltage (VAC)	Beam Angle	CRI	D (mm)	H (mm)	Lumens (lm)	Life (hrs)	Std Pack
RG53-11	R51160730-11	ALR111,11W, G53, 3000K, 12VAC,	11	3000	12	35°	≥80	111	59	850	30000	50
RG53-15	R51160730-15	ALR111,15W, G53, 3000K, 12VAC,	15	3000	12	35°	≥80	111	59	1100	30000	50
RG4-2.5	R51161730-2.5	Capsule 2.5W, G4,3000K,12VAC	2.5	3000	12	120°	≥80	16	41	200	25000	10

LED T8 Series



Features & Benefits

- Direct replacement of Standard Fluorescent lamps
- Instant start, no flicker
- Double Sided Connection
- Base type G13
- Available in 2', 4', 5' versions
- Options of Glass Construction with 240° Beam angle or
- Polycarbonate construction (PC) and 120° Beam Angle

LED T5 Series



CO2 Emission Reduction



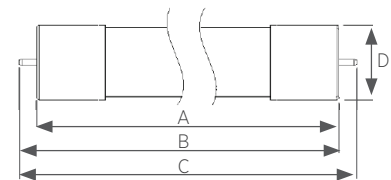
Energy Efficiency Enhancement



Long Service Life



Amalgam Technology No Mercury



Ordering Code	Part Code	Description	Watts (W)	CCT (K)	Voltage (VAC)	Beam Angle	CRI	Dia (mm)	Lumens (lm)	Life (hrs)	Std Pack
RT81-9	R51118265-9	T8 Glass Construction, 9W, G13, 6500K	9	6500	100-260	240°	≥80	26	950	30000	25
RT81-18	R51118265-18	T8 Glass Construction, 18W, G13, 6500K	18	6500	100-260	240°	≥80	26	1900	30000	25
RT81-22	R51118265-22	T8 Glass Construction, 22W, G13, 6500K	22	6500	100-260	240°	≥80	26	2300	30000	25
RT52-4	R51115265-4	T5 Glass Construction 4W, G13, 6500K	4	6500	220-240	120°	≥70	22	380	25000	25
RT52-8	R51115265-8	T5 Glass Construction 8W, G13, 6500K	8	6500	220-240	120°	≥70	22	750	25000	25
RT52-12	R51115265-12	T5 Glass Construction 12W, G13, 6500K	12	6500	220-240	120°	≥70	22	1100	25000	25
RT52-16	R51115265-16	T5 Glass Construction 16W, G13, 6500K	16	6500	220-240	120°	≥70	22	1600	25000	25

* T5 4W 302mm • T5 8W 563mm • T5 12W 863 • T5 16W 1163mm
 • Double Sided