

# LED Retrofit Corn Lamps



LED Retrofit Corn Lamps are suitable for installing within both open and certain enclosed luminaires (dependant upon internal volume of space).



50,000  
Hours



5  
Years  
Warranty



## Photometric Data

Part Code	Lumens	LPW	Rated Life (Hrs)	L90 B50 @ Ta Max (Hrs)	CCT (K)	Beam (°)
RTF074	2400	120	50,000	>36,000	6,000	360
RTF091	2400	120	50,000	>36,000	4,000	360
RTF075	3600	120	50,000	>36,000	6,000	360
RTF092	3600	120	50,000	>36,000	4,000	360
RTF076	4800	120	50,000	>36,000	6,000	360
RTF093	4800	120	50,000	>36,000	4,000	360
RTF077	7200	120	50,000	>36,000	6,000	360
RTF094	7200	120	50,000	>36,000	4,000	360
RTF078	9600	120	50,000	>36,000	6,000	360
RTF095	9600	120	50,000	>36,000	4,000	360
RTF079	12000	120	50,000	>36,000	6,000	360
RTF096	12000	120	50,000	>36,000	4,000	360
RTF084	2300	115	50,000	>36,000	5000	360
RTF085	3450	115	50,000	>36,000	5,000	360
RTF086	4600	115	50,000	>36,000	5,000	360
RTF087	6900	115	50,000	>36,000	5,000	360
RTF088	9200	115	50,000	>36,000	5,000	360
RTF089	11500	115	50,000	>36,000	5,000	360

## Physical Data

Part Code	Lens Type	Case Material	Dimensions (mm)	Enclosed Luminaire Min. Size	Base	Weight (kg)
RTF074	-	Aluminium Heat Sink	150 x 73	300 x 200 x 200mm, Volume = 12000 Cubic Centimeters	E27	0.15
RTF091	-	Aluminium Heat Sink	150 x 73	300 x 200 x 200mm, Volume = 12000 Cubic Centimeters	E27	0.15
RTF075	-	Aluminium Heat Sink	195 x 90	390 x 200 x 200mm, Volume = 15600 Cubic Centimeters	E27	0.40
RTF092	-	Aluminium Heat Sink	195 x 90	390 x 200 x 200mm, Volume = 15600 Cubic Centimeters	E27	0.40
RTF076	-	Aluminium Heat Sink	215 x 90	410 x 210 x 210mm, Volume = 18081 Cubic Centimeters	E27	0.45
RTF093	-	Aluminium Heat Sink	215 x 90	410 x 210 x 210mm, Volume = 18081 Cubic Centimeters	E27	0.45
RTF077	-	Aluminium Heat Sink	245 x 90	320 x 190 x 190mm, Volume = 11552 Cubic Centimeters	E27	0.50
RTF094	-	Aluminium Heat Sink	245 x 90	320 x 190 x 190mm, Volume = 11552 Cubic Centimeters	E27	0.50
RTF078	-	Aluminium Heat Sink	255 x 112	390 x 200 x 200mm, Volume = 15600 Cubic Centimeters	E40	0.65
RTF095	-	Aluminium Heat Sink	255 x 112	390 x 200 x 200mm, Volume = 15600 Cubic Centimeters	E40	0.65
RTF079	-	Aluminium Heat Sink	265 x 112	440 x 230 x 230mm, Volume = 23276 Cubic Centimeters	E40	0.70
RTF096	-	Aluminium Heat Sink	265 x 112	440 x 230 x 230mm, Volume = 23276 Cubic Centimeters	E40	0.70
RTF084	-	Aluminium Heat Sink	150 x 73	300 x 200 x 200mm, Volume = 12000 Cubic Centimeters	E27	0.15
RTF085	-	Aluminium Heat Sink	195 x 90	390 x 200 x 200mm, Volume = 15600 Cubic Centimeters	E27	0.40
RTF086	-	Aluminium Heat Sink	215 x 90	410 x 210 x 210mm, Volume = 18081 Cubic Centimeters	E27	0.45
RTF087	-	Aluminium Heat Sink	245 x 90	320 x 190 x 190mm, Volume = 11552 Cubic Centimeters	E27	0.50
RTF088	-	Aluminium Heat Sink	255 x 112	390 x 200 x 200mm, Volume = 15600 Cubic Centimeters	E40	0.65
RTF089	-	Aluminium Heat Sink	265 x 112	440 x 230 x 230mm, Volume = 23276 Cubic Centimeters	E40	0.70

## Electrical Data

Part Code	Input (W)	Input (V) ±10%	Input (Hz)	Input (A)	Electrical Class	Inrush (A) (I <sub>peak</sub> )	Inrush (µs) (I <sub>peak</sub> /2)	No. per C16	Power Factor	THD (%)	Dimming Type
RTF074	20	220-240	50/60	0.09	2	80	10	35	>0.9	<15%	Non-Dimmable
RTF091	20	220-240	50/60	0.09	2	80	10	35	>0.9	<15%	Non-Dimmable
RTF075	30	220-240	50/60	0.13	2	40	180	30	>0.9	<15%	Non-Dimmable
RTF092	30	220-240	50/60	0.13	2	40	180	30	>0.9	<15%	Non-Dimmable
RTF076	40	220-240	50/60	0.17	2	40	180	29	>0.9	<15%	Non-Dimmable
RTF093	40	220-240	50/60	0.17	2	40	180	29	>0.9	<15%	Non-Dimmable
RTF077	60	220-240	50/60	0.25	2	45	230	19	>0.9	<20%	Non-Dimmable
RTF094	60	220-240	50/60	0.25	2	45	230	19	>0.9	<20%	Non-Dimmable
RTF078	80	220-240	50/60	0.35	2	70	300	9	>0.9	<20%	Non-Dimmable
RTF095	80	220-240	50/60	0.35	2	70	300	9	>0.9	<20%	Non-Dimmable
RTF079	100	220-240	50/60	0.44	2	70	330	7	>0.9	<20%	Non-Dimmable
RTF096	100	220-240	50/60	0.44	2	70	330	7	>0.9	<20%	Non-Dimmable
RTF084	20	220-240	50/60	0.09	2	80	10	35	>0.9	<15%	Non-Dimmable
RTF085	30	220-240	50/60	0.13	2	40	180	30	>0.9	<15%	Non-Dimmable
RTF086	40	220-240	50/60	0.17	2	40	180	29	>0.9	<15%	Non-Dimmable
RTF087	60	220-240	50/60	0.25	2	45	230	19	>0.9	<20%	Non-Dimmable
RTF088	80	220-240	50/60	0.35	2	70	300	9	>0.9	<20%	Non-Dimmable
RTF089	100	220-240	50/60	0.44	2	70	330	7	>0.9	<20%	Non-Dimmable

## Environmental Data

Max. Ambient (°C)	50
Min. Ambient (°C)	-20
IP Rating	IP20
Thermal Cooling	20W-40W, Fanless - Self Convection. 60W-100W, Internal Fan Assisted
Warm Up Time	<2.0 secs

## General Data

ECA Compliant	Yes
Energy Rating	A+