

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



LED Retrofit Corn Lamps



Photometric Data

Part Code	Lumens	LPW	Rated Life (Hrs)	L90 B50 @ Ta Max (Hrs)	CCT (K)	Beam (°)
RTF091	2100	105	50,000	>36,000	4,000	360
RTF084	2200	110	50,000	>36,000	5000	360
RTF074	2200	110	50,000	>36,000	6,000	360
RTF092	3200	106	50,000	>36,000	4,000	360
RTF085	3300	110	50,000	>36,000	5,000	360
RTF075	3300	110	50,000	>36,000	6,000	360
RTF093	4300	107	50,000	>36,000	4,000	360
RTF086	4400	110	50,000	>36,000	5,000	360
RTF076	4400	110	50,000	>36,000	6,000	360
RTF094	6400	106	50,000	>36,000	4,000	360
RTF077	6600	110	50,000	>36,000	6,000	360
RTF087	6600	110	50,000	>36,000	5,000	360
RTF095	8600	107	50,000	>36,000	4,000	360
RTF088	8800	110	50,000	>36,000	5,000	360
RTF078	8800	110	50,000	>36,000	6,000	360
RTF096	10800	108	50,000	>36,000	4,000	360
RTF089	11000	110	50,000	>36,000	5,000	360
RTF079	11000	110	50,000	>36,000	6,000	360

Physical Data

Part Code	Lens Type	Case Material	Dimensions (mm)	Enclosed Luminaire Min. Size	Base	Weight (kg)
RTF091	-	Aluminium Heat Sink	150 x 73	300 x 200 x 200mm, Volume = 12000 Cubic Centimeters	E27	0.15
RTF084	-	Aluminium Heat Sink	150 x 73	300 x 200 x 200mm, Volume = 12000 Cubic Centimeters	E27	0.15
RTF074	-	Aluminium Heat Sink	150 x 73	300 x 200 x 200mm, Volume = 12000 Cubic Centimeters	E27	0.15
RTF092	-	Aluminium Heat Sink	195 x 90	390 x 200 x 200mm, Volume = 15600 Cubic Centimeters	E27	0.40
RTF085	-	Aluminium Heat Sink	195 x 90	390 x 200 x 200mm, Volume = 15600 Cubic Centimeters	E27	0.40
RTF075	-	Aluminium Heat Sink	195 x 90	390 x 200 x 200mm, Volume = 15600 Cubic Centimeters	E27	0.40
RTF093	-	Aluminium Heat Sink	215 x 90	410 x 210 x 210mm, Volume = 18081 Cubic Centimeters	E27	0.45
RTF086	-	Aluminium Heat Sink	215 x 90	410 x 210 x 210mm, Volume = 18081 Cubic Centimeters	E27	0.45
RTF076	-	Aluminium Heat Sink	215 x 90	410 x 210 x 210mm, Volume = 18081 Cubic Centimeters	E27	0.45
RTF094	-	Aluminium Heat Sink	245 x 90	320 x 190 x 190mm, Volume = 11552 Cubic Centimeters	E27	0.50
RTF077	-	Aluminium Heat Sink	245 x 90	320 x 190 x 190mm, Volume = 11552 Cubic Centimeters	E27	0.50
RTF087	-	Aluminium Heat Sink	245 x 90	320 x 190 x 190mm, Volume = 11552 Cubic Centimeters	E27	0.50
RTF095	-	Aluminium Heat Sink	255 x 112	390 x 200 x 200mm, Volume = 15600 Cubic Centimeters	E40	0.65
RTF088	-	Aluminium Heat Sink	255 x 112	390 x 200 x 200mm, Volume = 15600 Cubic Centimeters	E40	0.65
RTF078	-	Aluminium Heat Sink	255 x 112	390 x 200 x 200mm, Volume = 15600 Cubic Centimeters	E40	0.65
RTF096	-	Aluminium Heat Sink	265 x 112	440 x 230 x 230mm, Volume = 23276 Cubic Centimeters	E40	0.70
RTF089	-	Aluminium Heat Sink	265 x 112	440 x 230 x 230mm, Volume = 23276 Cubic Centimeters	E40	0.70
RTF079	-	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 _{peak})	Inrush (µs) (I _{peak} /2)	No. per C16	Power Factor	THD (%)	Dimming Type
RTF091	20	220-240	50/60	0.09	2	80	10	35	>0.9	<15%	Non-Dimmable
RTF084	20	220-240	50/60	0.09	2	80	10	35	>0.9	<15%	Non-Dimmable
RTF074	20	220-240	50/60	0.09	2	80	10	35	>0.9	<15%	Non-Dimmable
RTF092	30	220-240	50/60	0.13	2	40	180	30	>0.9	<15%	Non-Dimmable
RTF085	30	220-240	50/60	0.13	2	40	180	30	>0.9	<15%	Non-Dimmable
RTF075	30	220-240	50/60	0.13	2	40	180	30	>0.9	<15%	Non-Dimmable
RTF093	40	220-240	50/60	0.17	2	40	180	29	>0.9	<15%	Non-Dimmable
RTF086	40	220-240	50/60	0.17	2	40	180	29	>0.9	<15%	Non-Dimmable
RTF076	40	220-240	50/60	0.17	2	40	180	29	>0.9	<15%	Non-Dimmable
RTF094	60	220-240	50/60	0.25	2	45	230	19	>0.9	<20%	Non-Dimmable
RTF077	60	220-240	50/60	0.25	2	45	230	19	>0.9	<20%	Non-Dimmable
RTF087	60	220-240	50/60	0.25	2	45	230	19	>0.9	<20%	Non-Dimmable
RTF095	80	220-240	50/60	0.35	2	70	300	9	>0.9	<20%	Non-Dimmable
RTF088	80	220-240	50/60	0.35	2	70	300	9	>0.9	<20%	Non-Dimmable
RTF078	80	220-240	50/60	0.35	2	70	300	9	>0.9	<20%	Non-Dimmable
RTF096	100	220-240	50/60	0.44	2	70	330	7	>0.9	<20%	Non-Dimmable
RTF089	100	220-240	50/60	0.44	2	70	330	7	>0.9	<20%	Non-Dimmable
RTF079	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+