

## Retrofit Recessed Light Engine



### Overview

A retrofit LED Light source solution designed to replace traditional lamps in recessed industrial luminaires. The Light engine is designed using high efficiency Philips Luxeon T emitters driven by a high efficiency Inventronis driver. The modular design allows easy replacement of modules. The robust carefully design series complies with LM-80, LM-79, UL, TUV and SAA standards. Ideal for Hygiene, Clean Room and Retrofits.



### Product Information

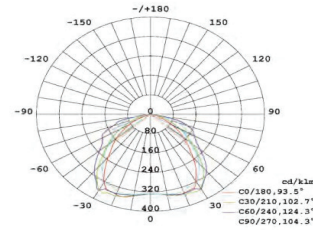
Product Code	Luminaire Power	Operating Power	Lumens	Light Distribution	Dimensions	Weight
EST-120WiRF-5K	120W	100V-240V	13200	90° *100°	240x255x55mm	6,5Kg
EST-G2120WiRF-5K	120W	100V-240V	20400	90° *100°	240x255x55mm	6,5Kg
EST-200WiRF-5K	200W	100V-240V	22000	90° *100°	400x255x55mm	8,5Kg

## Technical Specification

### Luminaire

### ISO-Illuminance Curve

Light Source	Philips Luxeon
Material	Anodized Aluminium
Coating	Anti-Static Coating
IP Rating	IP65
Colour Temperature	5000K
CRI / Power Factor	>70Ra / >0.9
Operating Temperature	-40°C- 50°C



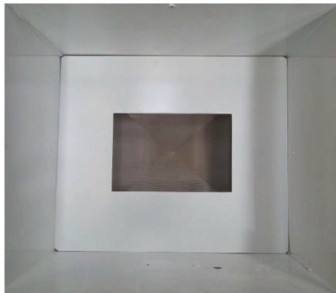
### Retrofit System



**Step 1.**  
Remove cover and internal metal reflector.



**Step 2.**  
Remove lamp and lamp holder.



**Step 3.**  
Insert retrofit base plate.



**Step 4.**  
Insert LED light engine into base plate and terminate to mains voltage.

### Optional (Indent)

Retrofit Recessed Light Engine Option  
EST-120WIRL-5K Dimensions: 400x351x99,3mm  
EST-200WIRL-5K Dimensions: 400x509x99,3mm

