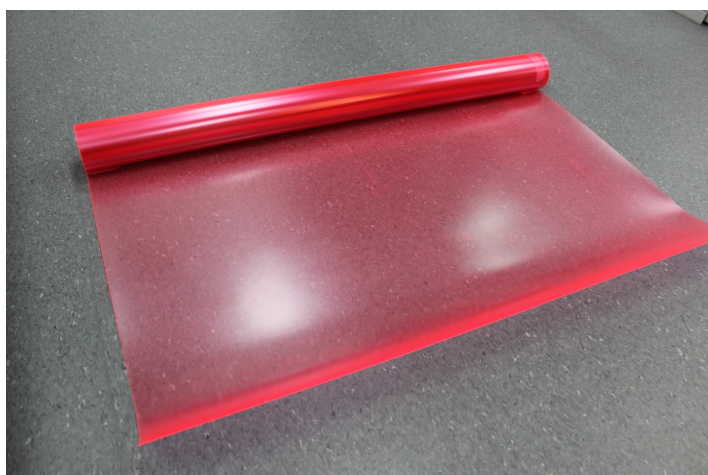




Luminescent-Light Emitting Agricultural Films

PRODUCT DATA SHEET

-
L250F620aUV
-



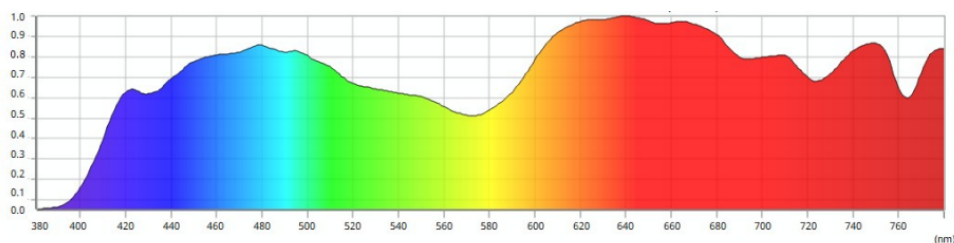
Product Name:	LLEAF 250um Film 620nm UV Stable
Product Type:	Polycarbonate Film
Product Code:	L250F620aUV
Description:	Greenhouse film for external use
Properties	UV stable, high diffusion, spectrum shifting
Nominal Thickness	250um (micron) / 0.25mm
Average Thickness Tolerance	+/- 5%
Warranty	7 years

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2 - 4 Cornwallis St, EVELEIGH NSW 2015
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LLEAF

Luminescent-Light Emitting Agricultural Films

Properties	Values	
	Metric	Imperial
Width	1m	3ft 3.37in
Roll Length	100m	328ft 1 in
Roll Weight	30kg	66.1lb
Density	1.2g / cm ³	0.04lb / in ³
Weight	300gsm	
Tensile Strength	63MPa	9137Psi
Elongation at Break	120%	
Heat Deflection Temperature	0.45MPa: 133°C ISO 75/Be	



Abbreviation	Description	Transmission
PFD - B	Blue light in the range of 400~500nm	75.6%
PFD - G	Green light in the range of 500~600nm	64.3%
PFD - R	Red light in the range of 600~700nm	110.7%
PFD - FR	Far Red light in the range of 700~780nm	98.7%
B:R Ratio	Blue : Red Ratio	1 : 1.9
R:FR Ratio	Red : Far Red Ratio	1.3 : 1



Luminescent-Light Emitting Agricultural Films

Usage:

- As an external covering for greenhouses where sunlight spectrum shifting from green to red is desirable.
- For increasing photosynthesis and diffusing light
- Sheets can be drilled, cut with scissors, screwed, glued or heat welded.
- Heat welding temperature 270⁰C
- For best results LLEAF Film should be installed with the inside of the roll (concave surface) facing the plants.