Fresh Food Pendant – LED technology in a stylish pendant

Fresh Food, pendant

Retailers want to create an appealing ambiance and enhance the merchandize in their stores with the right light and beautifully designed products. They are also keen to reduce their running costs (energy, maintenance). By incorporating LED technology in a beautiful, pure design, the Fresh Food Pendant meets these expectations in full.

Benefits
- Add a decorative dimension to your interior architecture
- High color rendering
- Specific color spectrum to enhance colors in the fresh food meat counters

Features
- Attractive design
- Fresh Food Rose and Fresh Food Meat dedicated spectrum for meat counters
- Fresh Food Champagne dedicated spectrum for fruits, vegetables, bread and cheese counters suitable for a wide range of applications and ideal for enhancing the appearance of fresh food produce

Application
- Supermarkets: cashier check-outs, promotional islands, fresh-food areas (fruit and vegetables, fish and meat, bakery)
- Furniture / fashion retailers: cashier check-outs, window displays, general lighting, promotional islands

Specifications

Fresh Food, pendant

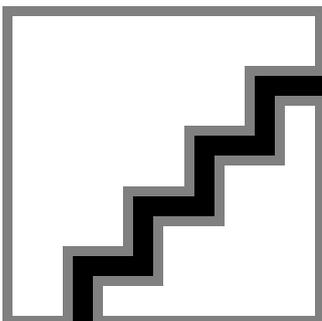|				
Type	PT570T		**Median useful life L80B50**	30,000 hours
Light source	Non-replaceable LED module		**Median useful life L90B50**	20,000 hours
Power	31 W (Fresh Food Rose, ROSE)		**Average ambient temperature**	+25 ºC
	55 W (Fresh Food Champagne, CH)		**Operating temperature range**	+10 to +40 ºC
	64 W Fresh Food Meat, FMT)		**Driver**	Built-in
	26.5 W (Fresh Food Frost White, 840)		**Mains voltage**	230 or 240 V / 50–60 Hz
	34 W (Fresh Food Authentic White, 930)		**Dimming**	Dali dimming on request
Luminous flux	1900 lm (LED19S, Fresh Food Rose, ROSE)		**Material**	Housing: aluminum
	2700 lm (LED27S, Fresh Food Champagne, CH)			Reflector: plastic
	1900 lm (LED19S, Fresh Food Meat, FMT)			Cover: plastic, opal
	2900 lm (LED27S, Fresh Food Frost White, 840)		**Color**	Grey (RAL 9006)
	2700 lm (LED27S, Fresh Food Authentic White, 930)		**Optic**	Wide beam (WB, 60º)
Correlated Color Temperature	2200 K (LED19S, Fresh Food Rose, ROSE)		**Optical element**	Diffuser (DF)
	2500 K (LED27S, Fresh Food Champagne, CH)		**Maintenance**	No internal cleaning required
	3000 K (LED19S, Fresh Food Meat, FMT)		**Installation**	Suspension set supplied with the product, cable length 2.5 m (not replaceable on site but longer length possible on request before order)
	4000 K (LED27S, Fresh Food Frost White, 840)			Through-wiring not possible
	3000 K (LED27S, Fresh Food Authentic White, 930)			
Color Rendering Index	>80 (Fresh Food Rose, Fresh Food Meat, Fresh Food Frost White)			
	>90 (Fresh Food Champagne, Fresh Food Authentic White)			
Standard deviation color matching (SDCM)	3 (with a tolerance of +/- 0,005 on color point measurement)			
Median useful life L70B50	50,000 hours			

Versions

FreshFood pendant PT570P luminaire

Product details

FreshFood pendant – bottom view

FreshFood pendant – top view

Fresh Food, pendant

Application Conditions

Ambient temperature range	+10 to +25 °C
Suitable for random switching	Yes

Approval and Application

Mech. impact protection code	IK02
Ingress protection code	IP20

Controls and Dimming

Dimmable	No

Operating and Electrical

Input Voltage	220 to 240 V

General Information

CE mark	CE mark
Protection class IEC	Safety class I
Driver included	Yes
ENEC mark	–
Flammability mark	For mounting on normally flammable surfaces
Glow-wire test	Temperature 650 °C, duration 5 s
Light source replaceable	No
Number of gear units	1 unit
Number of light sources	1 pc
Optic type	Wide beam
Optical element	Diffuser element
Product Family Code	PT570P
Service tag	Yes

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/–10%

Mechanical and Housing

Color	Gray

General Information

Order Code	Full Product Name	Lamp family code
910503706544	PT570P LED19S/ROSE PSU WB DF GR	LED19S
910503706545	PT570P LED27S/930 PSU WB DF GR	LED27S
910503706546	PT570P LED27S/840 PSU WB DF GR	LED27S
910503706548	PT570P LED19S/FMT PSU WB DF GR	LED19S

Initial Performance (IEC Compliant) (1/2)

Order Code	Full Product Name	Initial chromaticy	Init. Corr. Color Temperature	Init. Color Rendering Index	Initial LED luminaire efficacy
910503706544	PT570P LED19S/ ROSE PSU WB DF GR	(0.40, 0.33) SDCM <5	2400 K	>80	61 lm/W
910503706545	PT570P LED27S/930 PSU WB DF GR	(0.43, 0.40) SDCM <5	3000 K	>90	76 lm/W

Order Code	Full Product Name	Initial chromaticy	Init. Corr. Color Temperature	Init. Color Rendering Index	Initial LED luminaire efficacy
910503706546	PT570P LED27S/840 PSU WB DF GR	(0.38, 0.37) SDCM <5	4000 K	>80	102 lm/W
910503706548	PT570P LED19S/FMT PSU WB DF GR	(0.40, 0.33) SDCM <5	3100 K	>90	53 lm/W

Initial Performance (IEC Compliant) (2/2)

Order Code	Full Product Name	Initial luminous flux	Initial input power	Order Code	Full Product Name	Initial luminous flux	Initial input power
910503706544	PT570P LED19S/ROSE PSU WB DF GR	1900 lm	31 W	910503706546	PT570P LED27S/840 PSU WB DF GR	2700 lm	26.5 W
910503706545	PT570P LED27S/930 PSU WB DF GR	2600 lm	34 W	910503706548	PT570P LED19S/FMT PSU WB DF GR	1900 lm	36 W

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