



Fully customizable pendant luminaire for retail

CustomCreate

Retailers want to create an appealing ambiance and enhance the merchandize in their stores with the right light and beautifully matching products. Pendant luminaires can attract attention to a specific part of the store and can be used to create zones in the store. CustomCreate provides stores with the latest benefits of LED technology, and can also illuminate store areas with dedicated Fresh Food light recipes, and it enables multiple light effects and intensities thanks to the built-in PerfectAccent reflectors. Furthermore, to fully match the given retail environment and brand, the outer shade of the product is fully customizable in terms of color, translucency, pattern and form. This outer shade can also easily be changed without the need to switch off the light or demount the luminaire.

Benefits

- A distinct decorative element in the store, which can be used to enhance branding and create zones within the store
- Enabled by dedicated Fresh Food light recipes, CustomCreate can further enhance presentation of the fresh produce on the shelves
- Fully customizable, enabling retailers to always reflect their latest branding and store messages
- Ease of mounting and installation, no need to close off stores or store design when new lights need to be installed.

Features

- Up to 8000lm maximum light output for installations with increased mounting height
- Fully customizable design in terms of color, translucency and texture can be freely chosen
- Equipped with PerfectAccent reflector offering high LOR and nice smooth light effect
- Tool-less access to outer design components
- Ready to be connected to Interact Indoor navigation software application (up to 4900lm)
- Specific light spectra available to enhance the appearance and extend shelf life of fresh produce such as; meat, fish, vegetables, bread and pastries and fresh fruits, vegetables and flowers.

Application

- Supermarkets
- Hospitality
- Large Retail

Versions



Product details



CustomCreate-
ST520T_Small-1DPP.TIF

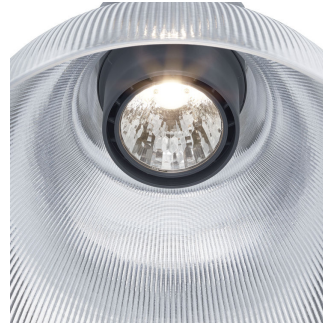


CustomCreate-
ST520T_Small-3DPP.TIF

Product details



CustomCreate-
ST520T_Large-1DPP.TIF



CustomCreate-
ST520T_Large-3DPP.TIF

Application Conditions

Ambient temperature range	+10 to +40 °C
Suitable for random switching	Not applicable

Approval and Application

Mech. impact protection code	IK02
Ingress protection code	IP20

Operating and Electrical

Input Voltage	220-240 V
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General Information

CE mark	CE mark
Protection class IEC	Safety class II
Driver included	Yes
ENEC mark	ENEC mark
Flammability mark	-
Glow-wire test	Temperature 650 °C, duration 30 s
Light source replaceable	No
Number of gear units	1 unit

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
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Application Conditions

Order Code	Full Product Name	Maximum dim level
912500100444	PT520T LED27S/827 PSU MB CURVE GR	Not applicable
912500100445	PT520T LED27S/830 PSU MB CURVE GR	Not applicable
912500100446	PT520T LED27S/840 PSU WB CURVE GR	Not applicable
912500100447	PT520T LED27S/PW930 PSD-VLC VWB CURVE GR	0% (digital)
912500100448	PT520T LED27S/ROSE PSD-VLC WB CURVE GR	0% (digital)
912500100449	PT520T LED27S/CH PSD-VLC WB CURVE GR	0% (digital)
912500100450	PT520T LED39S/830 PSU MB CURVE GR	Not applicable
912500100451	PT520T LED39S/840 PSU WB CURVE GR	Not applicable
912500100452	PT520T LED39S/PW930 PSD-VLC VWB CURVE GR	0% (digital)
912500100453	PT520T LED49S/830 PSU MB BELL CL	Not applicable
912500100454	PT520T LED49S/840 PSU WB BELL CL	Not applicable
912500100455	PT520T LED49S/PW930 PSD-VLC VWB BELL CL	0% (digital)
912500100456	PT520T LED65S/830 PSD MB BELL CL	0% (digital)
912500100457	PT520T LED65S/840 PSD WB BELL CL	0% (digital)
912500100458	PT520T LED80S/830 PSD BELL CL	0% (digital)
912500100459	PT520T LED80S/840 PSD BELL CL	0% (digital)

Controls and Dimming

Order Code	Full Product Name	Dimmable
912500100444	PT520T LED27S/827 PSU MB CURVE GR	No
912500100445	PT520T LED27S/830 PSU MB CURVE GR	No
912500100446	PT520T LED27S/840 PSU WB CURVE GR	No
912500100447	PT520T LED27S/PW930 PSD-VLC VWB CURVE GR	Yes
912500100448	PT520T LED27S/ROSE PSD-VLC WB CURVE GR	Yes
912500100449	PT520T LED27S/CH PSD-VLC WB CURVE GR	Yes
912500100450	PT520T LED39S/830 PSU MB CURVE GR	No
912500100451	PT520T LED39S/840 PSU WB CURVE GR	No

Order Code	Full Product Name	Dimmable
912500100452	PT520T LED39S/PW930 PSD-VLC VWB CURVE GR	Yes
912500100453	PT520T LED49S/830 PSU MB BELL CL	No
912500100454	PT520T LED49S/840 PSU WB BELL CL	No
912500100455	PT520T LED49S/PW930 PSD-VLC VWB BELL CL	Yes
912500100456	PT520T LED65S/830 PSD MB BELL CL	Yes
912500100457	PT520T LED65S/840 PSD WB BELL CL	Yes
912500100458	PT520T LED80S/830 PSD BELL CL	Yes
912500100459	PT520T LED80S/840 PSD BELL CL	Yes

General Information

Order Code	Full Product Name	Beam angle	
		of light source	Optic type
912500100444	PT520T LED27S/827 PSU MB CURVE GR	24 °	Beam angle 24°
912500100445	PT520T LED27S/830 PSU MB CURVE GR	24 °	Beam angle 24°
912500100446	PT520T LED27S/840 PSU WB CURVE GR	36 °	Beam angle 36°
912500100447	PT520T LED27S/PW930 PSD- VLC VWB CURVE GR	60 °	Beam angle 60°
912500100448	PT520T LED27S/ROSE PSD-VLC WB CURVE GR	36 °	Beam angle 24°
912500100449	PT520T LED27S/CH PSD-VLC WB CURVE GR	36 °	Beam angle 36°
912500100450	PT520T LED39S/830 PSU MB CURVE GR	24 °	Beam angle 24°
912500100451	PT520T LED39S/840 PSU WB CURVE GR	36 °	Beam angle 36°

Order Code	Full Product Name	Beam angle	
		of light source	Optic type
912500100452	PT520T LED39S/PW930 PSD- VLC VWB CURVE GR	60 °	Beam angle 60°
912500100453	PT520T LED49S/830 PSU MB BELL CL	24 °	Beam angle 24°
912500100454	PT520T LED49S/840 PSU WB BELL CL	36 °	Beam angle 36°
912500100455	PT520T LED49S/PW930 PSD- VLC VWB BELL CL	60 °	Beam angle 60°
912500100456	PT520T LED65S/830 PSD MB BELL CL	24 °	Beam angle 24°
912500100457	PT520T LED65S/840 PSD WB BELL CL	36 °	Beam angle 36°
912500100458	PT520T LED80S/830 PSD BELL CL	- °	Prismatic reflector wide beam
912500100459	PT520T LED80S/840 PSD BELL CL	- °	Prismatic reflector wide beam

Initial Performance (IEC Compliant) (1/2)

Order Code	Full Product Name	Initial chromaticity	Init. Corr.	Init. Color	Initial LED
			Color Temperature	Rendering Index	luminaire efficacy
912500100444	PT520T LED27S/827 PSU MB CURVE GR	(0.46, 0.41)	2700 K	>80	107 lm/W
912500100445	PT520T LED27S/830 PSU MB CURVE GR	(0.43, 0.40)	3000 K	>80	111 lm/W
912500100446	PT520T LED27S/840 PSU WB CURVE GR	(0.38, 0.38)	4000 K	>80	115 lm/W
912500100447	PT520T LED27S/ PW930 PSD- VLC VWB CURVE GR	(0.42, 0.39)	3000 K	>90	93 lm/W
912500100448	PT520T LED27S/ROSE PSD-VLC WB CURVE GR	(0.48, 0.38)	2200 K	>80	74 lm/W
912500100449	PT520T LED27S/CH PSD-VLC WB CURVE GR	(0.46, 0.41)	2700 K	>80	107 lm/W
912500100450	PT520T LED39S/830 PSU MB CURVE GR	(0.43, 0.40)	3000 K	>80	120 lm/W

Order Code	Full Product Name	Initial chromaticity	Init. Corr.	Init. Color	Initial LED
			Color Temperature	Rendering Index	luminaire efficacy
912500100451	PT520T LED39S/840 PSU WB CURVE GR	(0.38, 0.38)	4000 K	>80	126 lm/W
912500100452	PT520T LED39S/ PW930 PSD- VLC VWB CURVE GR	(0.42, 0.39)	3000 K	>90	95 lm/W
912500100453	PT520T LED49S/830 PSU MB BELL CL	(0.43, 0.40)	3000 K	>80	122 lm/W
912500100454	PT520T LED49S/840 PSU WB BELL CL	(0.38, 0.38)	4000 K	>80	127 lm/W
912500100455	PT520T LED49S/ PW930 PSD- VLC VWB BELL CL	(0.42, 0.39)	3000 K	>90	98 lm/W
912500100456	PT520T LED65S/830 PSD MB BELL CL	(0.43, 0.40)	3000 K	>80	119 lm/W
912500100457	PT520T LED65S/840 SDCM<3	(0.38, 0.38)	4000 K	>80	127 lm/W

Order Code	Full Product Name	Initial chromaticity	Init. Corr. Color Temperature	Init. Color Rendering Index	Initial LED luminaire efficacy
912500100458	PT520T LED27S/827 PSU MB CURVE GR	(0.43, 0.40)	3000 K	>80	113 lm/W
	PSD WB BELL CL				
	LED80S/830 SDCM<3				
	PSD BELL CL				

Order Code	Full Product Name	Initial chromaticity	Init. Corr. Color Temperature	Init. Color Rendering Index	Initial LED luminaire efficacy
912500100459	PT520T LED39S/PW930 PSD-VLC VWB CURVE GR	(0.38, 0.38)	4000 K	>80	125 lm/W
	LED80S/840 SDCM<3				
	PSD BELL CL				

Initial Performance (IEC Compliant) (2/2)

Order Code	Full Product Name	Initial luminous flux	Initial input power
912500100444	PT520T LED27S/827 PSU MB CURVE GR	2627 lm	24.5 W
912500100445	PT520T LED27S/830 PSU MB CURVE GR	2730 lm	24.5 W
912500100446	PT520T LED27S/840 PSU WB CURVE GR	2840 lm	24.5 W
912500100447	PT520T LED27S/PW930 PSD-VLC VWB CURVE GR	2654 lm	28.6 W
912500100448	PT520T LED27S/ROSE PSD-VLC WB CURVE GR	2718 lm	36.5 W
912500100449	PT520T LED27S/CH PSD-VLC WB CURVE GR	2627 lm	24.5 W
912500100450	PT520T LED39S/830 PSU MB CURVE GR	3950 lm	33 W
912500100451	PT520T LED39S/840 PSU WB CURVE GR	4169 lm	33 W

Order Code	Full Product Name	Initial luminous flux	Initial input power
912500100452	PT520T LED39S/PW930 PSD-VLC VWB CURVE GR	3850 lm	40.4 W
912500100453	PT520T LED49S/830 PSU MB BELL CL	4906 lm	40.3 W
912500100454	PT520T LED49S/840 PSU WB BELL CL	5120 lm	40.3 W
912500100455	PT520T LED49S/PW930 PSD-VLC VWB BELL CL	4855 lm	49.5 W
912500100456	PT520T LED65S/830 PSD MB BELL CL	6530 lm	54.7 W
912500100457	PT520T LED65S/840 PSD WB BELL CL	6458 lm	50.9 W
912500100458	PT520T LED80S/830 PSD BELL CL	7997 lm	71 W
912500100459	PT520T LED80S/840 PSD BELL CL	8014 lm	64 W

Mechanical and Housing

Order Code	Full Product Name	Color
912500100444	PT520T LED27S/827 PSU MB CURVE GR	Gray
912500100445	PT520T LED27S/830 PSU MB CURVE GR	Gray
912500100446	PT520T LED27S/840 PSU WB CURVE GR	Gray
912500100447	PT520T LED27S/PW930 PSD-VLC VWB CURVE GR	Gray
912500100448	PT520T LED27S/ROSE PSD-VLC WB CURVE GR	Gray
912500100449	PT520T LED27S/CH PSD-VLC WB CURVE GR	Gray
912500100450	PT520T LED39S/830 PSU MB CURVE GR	Gray
912500100451	PT520T LED39S/840 PSU WB CURVE GR	Gray

Order Code	Full Product Name	Color
912500100452	PT520T LED39S/PW930 PSD-VLC VWB CURVE GR	Gray
912500100453	PT520T LED49S/830 PSU MB BELL CL	Clear
912500100454	PT520T LED49S/840 PSU WB BELL CL	Clear
912500100455	PT520T LED49S/PW930 PSD-VLC VWB BELL CL	Clear
912500100456	PT520T LED65S/830 PSD MB BELL CL	Clear
912500100457	PT520T LED65S/840 PSD WB BELL CL	Clear
912500100458	PT520T LED80S/830 PSD BELL CL	Clear
912500100459	PT520T LED80S/840 PSD BELL CL	Clear

