



# Fully customisable pendant luminaire for retail

## CustomCreate

Retailers want to create an appealing ambience and enhance the merchandise in their shops with the right light and beautifully matching products. Pendant luminaires can attract attention to a specific part of the shop and can be used to create zones. CustomCreate provides shops with the latest benefits of LED technology, and can also illuminate areas with dedicated Fresh Food light recipes. It also 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 customisable in terms of colour, 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 shop, which can be used to enhance branding and create zones within the shop
- Enabled by dedicated Fresh Food light recipes, CustomCreate can further enhance presentation of the fresh produce on the shelves
- Fully customisable, enabling retailers to always reflect their latest branding and store messages
- Ease of mounting and installation, no need to close off shops or areas when new lights need to be installed.

## Features

- Up to 8,000 lm maximum light output for installations with increased mounting height
- Fully customisable design in terms of colour, translucency and texture can be freely chosen
- Equipped with the PerfectAccent reflector, offering high LOR and a smooth light effect
- Tool-less access to outer design components
- Ready to be connected to Interact with the indoor navigation software application (up to 4,900 lm)
- Specific light spectra available to enhance the appearance and extend the 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

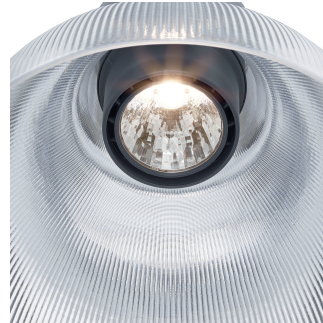


CustomCreate-  
ST520T\_Small-3DPP.TIF

## 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

Protection class IEC	Safety class II
Driver included	Yes
ENEC mark	ENEC mark
Flammability mark	NO
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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### Over time performance (IEC compliant)

Driver failure rate at 5,000 hours	0.01 %
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### Application conditions

Order Code	Full Product Name	Maximum dimming level
79211400	PT520T LED27S/827 PSU MB CURVE GR	Not applicable
79212100	PT520T LED27S/830 PSU MB CURVE GR	Not applicable
79213800	PT520T LED27S/840 PSU WB CURVE GR	Not applicable
79214500	PT520T LED27S/PW930 PSD-VLC VWB CURVE GR	0% (digital)
79216900	PT520T LED27S/CH PSD-VLC WB CURVE GR	0% (digital)
79217600	PT520T LED39S/830 PSU MB CURVE GR	Not applicable
79218300	PT520T LED39S/840 PSU WB CURVE GR	Not applicable
79219000	PT520T LED39S/PW930 PSD-VLC VWB CURVE GR	0% (digital)
79220600	PT520T LED49S/830 PSU MB BELL CL	Not applicable
79221300	PT520T LED49S/840 PSU WB BELL CL	Not applicable
79225100	PT520T LED80S/830 PSD BELL CL	0% (digital)
79226800	PT520T LED80S/840 PSD BELL CL	0% (digital)

## Controls and dimming

Order Code	Full Product Name	Dimmable
79211400	PT520T LED27S/827 PSU MB CURVE GR	No
79212100	PT520T LED27S/830 PSU MB CURVE GR	No
79213800	PT520T LED27S/840 PSU WB CURVE GR	No
79214500	PT520T LED27S/PW930 PSD-VLC VWB CURVE GR	Yes
79216900	PT520T LED27S/CH PSD-VLC WB CURVE GR	Yes
79217600	PT520T LED39S/830 PSU MB CURVE GR	No

Order Code	Full Product Name	Dimmable
79218300	PT520T LED39S/840 PSU WB CURVE GR	No
79219000	PT520T LED39S/PW930 PSD-VLC VWB CURVE GR	Yes
79220600	PT520T LED49S/830 PSU MB BELL CL	No
79221300	PT520T LED49S/840 PSU WB BELL CL	No
79225100	PT520T LED80S/830 PSD BELL CL	Yes
79226800	PT520T LED80S/840 PSD BELL CL	Yes

## General information

Order Code	Full Product Name	Beam angle		CE mark	Optic type
		of light source			
79211400	PT520T LED27S/827 PSU MB CURVE GR	24 °		CE mark	24
79212100	PT520T LED27S/830 PSU MB CURVE GR	24 °		CE mark	24
79213800	PT520T LED27S/840 PSU WB CURVE GR	36 °		CE mark	36
79214500	PT520T LED27S/PW930 PSD- VLC VWB CURVE GR	60 °		CE mark	60
79216900	PT520T LED27S/CH PSD-VLC WB CURVE GR	36 °		CE mark	36
79217600	PT520T LED39S/830 PSU MB CURVE GR	24 °		CE mark	24
79218300	PT520T LED39S/840 PSU WB CURVE GR	36 °		Yes	36

Initial performance (IEC compliant) (1/2)

Order Code	Full Product Name	Initial chromaticity	Init. Corr.		Init. Colour rendering index	Initial LED luminaire efficacy
			Colour Temperature			
79211400	PT520T LED27S/827 PSU MB CURVE GR	(0.46, 0.41) SDCM<3	2700 K		>80	107 lm/W
79212100	PT520T LED27S/830 PSU MB CURVE GR	(0.43, 0.40) SDCM<3	3000 K		>80	111 lm/W
79213800	PT520T LED27S/840 PSU WB CURVE GR	(0.38, 0.38) SDCM<3	4000 K		>80	115 lm/W
79214500	PT520T LED27S/PW930 PSD- VLC VWB CURVE GR	(0.42, 0.39) SDCM<3	3000 K		>90	93 lm/W
79216900	PT520T LED27S/CH PSD-VLC WB CURVE GR	(0.46, 0.41) SDCM<3	2700 K		>80	107 lm/W
79217600	PT520T LED39S/830	(0.43, 0.40) SDCM<3	3000 K		>80	120 lm/W

Initial performance (IEC compliant) (2/2)

Order Code	Full Product Name	Beam angle		CE mark	Optic type
		of light source			
79219000	PT520T LED39S/PW930 PSD- VLC VWB CURVE GR	60 °		CE mark	60
79220600	PT520T LED49S/830 PSU MB BELL CL	24 °		CE mark	24
79221300	PT520T LED49S/840 PSU WB BELL CL	36 °		CE mark	36
79225100	PT520T LED80S/830 PSD BELL CL	- °		CE mark	Prismatic reflector wide beam
79226800	PT520T LED80S/840 PSD BELL CL	- °		CE mark	Prismatic reflector wide beam

Order Code	Full Product Name	Initial chromaticity	Init. Corr.		Init. Colour rendering index	Initial LED luminaire efficacy
			Colour Temperature			
	PT520T LED27S/827 PSU MB CURVE GR					
79218300	PT520T LED39S/840 PSU WB CURVE GR	(0.38, 0.38) SDCM<3	4000 K		>80	126 lm/W
79219000	PT520T LED39S/PW930 PSD- VLC VWB CURVE GR	(0.42, 0.39) SDCM<3	3000 K		>90	95 lm/W
79220600	PT520T LED49S/830 PSU MB BELL CL	(0.43, 0.40) SDCM<3	3000 K		>80	122 lm/W
79221300	PT520T LED49S/840 PSU WB BELL CL	(0.38, 0.38) SDCM<3	4000 K		>80	127 lm/W
79225100	PT520T LED80S/830 PSD BELL CL	(0.43, 0.40) SDCM<3	3000 K		>80	113 lm/W
79226800	PT520T LED80S/840 PSD BELL CL	(0.38, 0.38) SDCM<3	4000 K		>80	125 lm/W



Order Code	Full Product Name	Initial luminous flux	Initial input power
79211400	PT520T LED27S/827 PSU MB CURVE GR	2627 lm	24.5 W
79212100	PT520T LED27S/830 PSU MB CURVE GR	2730 lm	24.5 W
79213800	PT520T LED27S/840 PSU WB CURVE GR	2840 lm	24.5 W
79214500	PT520T LED27S/PW930 PSD-VLC VWB CURVE GR	2654 lm	28.6 W
79216900	PT520T LED27S/CH PSD-VLC WB CURVE GR	2627 lm	24.5 W
79217600	PT520T LED39S/830 PSU MB CURVE GR	3950 lm	33 W

Order Code	Full Product Name	Initial luminous flux	Initial input power
79218300	PT520T LED39S/840 PSU WB CURVE GR	4169 lm	33 W
79219000	PT520T LED39S/PW930 PSD-VLC VWB CURVE GR	3850 lm	40.4 W
79220600	PT520T LED49S/830 PSU MB BELL CL	4906 lm	40.3 W
79221300	PT520T LED49S/840 PSU WB BELL CL	5120 lm	40.3 W
79225100	PT520T LED80S/830 PSD BELL CL	7997 lm	71 W
79226800	PT520T LED80S/840 PSD BELL CL	8014 lm	64 W

### Mechanical and housing

Order Code	Full Product Name	Colour
79211400	PT520T LED27S/827 PSU MB CURVE GR	Grey
79212100	PT520T LED27S/830 PSU MB CURVE GR	Grey
79213800	PT520T LED27S/840 PSU WB CURVE GR	Grey
79214500	PT520T LED27S/PW930 PSD-VLC VWB CURVE GR	Grey
79216900	PT520T LED27S/CH PSD-VLC WB CURVE GR	Grey
79217600	PT520T LED39S/830 PSU MB CURVE GR	Grey

Order Code	Full Product Name	Colour
79218300	PT520T LED39S/840 PSU WB CURVE GR	Grey
79219000	PT520T LED39S/PW930 PSD-VLC VWB CURVE GR	Grey
79220600	PT520T LED49S/830 PSU MB BELL CL	Clear
79221300	PT520T LED49S/840 PSU WB BELL CL	Clear
79225100	PT520T LED80S/830 PSD BELL CL	Clear
79226800	PT520T LED80S/840 PSD BELL CL	Clear

