

PRODUCT NO. 5155-130155

**DOTLUX LED street light PLAZA 100W 3000K 1-10V dimmable POWERselect**



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- Technical light with feel-good guarantee thanks to higher color rendering in 3000K
- Protection class I with integrated overvoltage protection (10,000 V)
- Multilayer lens optics with Lumileds® LEDs enable uniform light distribution
- Solid cast aluminum housing similar to RAL 9005 with impact resistance class IK08
- Reliable and highly efficient LED driver with a service life of > 50,000 h ensures low maintenance costs
- Adapter from 76 to 60 mm also enables installation on 60 mm poles
- Various power levels thanks to POWERselect

<b>SUCCESSION ARTICLE</b>	-	<b>PROTECTION CLASS (IP)</b>	IP66
<b>PREDECESSOR ARTICLE</b>	5155-030155	<b>LIGHT COLOR</b>	white
<b>WEIGHT IN KG</b>	7.76	<b>INPUT VOLTAGE</b>	186 - 240 AC/DC
<b>NET LUMINOUS FLUX IN LUMENS</b>	11500	<b>SERVICE LIFE</b>	approx. 50.000 h at 25°C
<b>LUMEN PER WATT</b>	115	<b>COLOR TEMPERATURE IN KELVIN</b>	3000
<b>POWER CONSUMPTION IN WATTS</b>	100	<b>COLOR-RENDERING-INDEX</b>	CRI > 82
		<b>IK PROTECTION</b>	IK08
		<b>LUMEN PER WATT</b>	115
		<b>PROTECTION CLASS</b>	I
		<b>VOLTAGE TYPE</b>	AC
		<b>HOUSING COLOUR</b>	black
		<b>SUITED FOR EMERGENCY LIGHTING</b>	No
		<b>CORD LENGTH IN M</b>	1.5
		<b>L80/B10</b>	50000
		<b>DIMMING WITHOUT DIMMER</b>	No
		<b>ENERGY EFFICIENCY CLASS ACCORDING TO EU REGULATION 2019/2015</b>	not required
		<b>LIFETIME L80/B10 AT 25°C</b>	50000
		<b>LED-LIFETIME LIGHT SOURCE L70/B50 AT 25°C</b>	1000000
		<b>ETIM GROUP IDENTIFICATION NUMBER</b>	EC000062
		<b>WITH ILLUMINANT</b>	Yes
		<b>MATERIAL COVER</b>	Glass transparent
		<b>TYPE OF CONTROL GEAR</b>	LED operating device voltage-controlled
		<b>WITH CONTROL GEAR</b>	Yes
		<b>DIMMING 0-10 V</b>	No

**Dimensions**

**width:** 450mm  
**height:** 526mm  
**length:** 450mm

<b>DIMMING 1-10 V</b>	Yes
<b>DIMMING DALI</b>	No
<b>DIMMING DMX</b>	No
<b>DIMMING DSI</b>	No
<b>DIMMING POTENTIOMETER (INTEGRATED)</b>	Yes
<b>DIMMING LINESWITCH</b>	No
<b>DIMMING MANUFACTURER'S PROPRIETARY SYSTEM</b>	No
<b>DIMMING MAINS VOLTAGE MODULATION</b>	No
<b>DIMMING PHASE CUT-OFF</b>	No
<b>DIMMING PROGRAMMABLE</b>	Yes
<b>DIMMING RF</b>	No
<b>DIMMING SINE WAVE REDUCTION</b>	No
<b>DIMMING TOUCH AND DIM</b>	No
<b>DIMMING ZIGBEE</b>	No
<b>DIMMING WITH PUSH-BUTTON</b>	No
<b>NO DIM FUNCTION</b>	Yes
<b>LIGHT DISTRIBUTOR</b>	Diffuser lens/optic/panel
<b>COLOUR CONSISTENCY (MCADAM ELLIPSE)</b>	SDCM5
<b>IMPACT STRENGTH</b>	IK08
<b>LUMINAIRE WITH LIMITED SURFACE TEMPERATURE, SIGN "D" ACCORDING TO EN 60598-2-24</b>	Yes
<b>SUITABLE FOR EMERGENCY LIGHTING WITH LIGHT SENSOR</b>	No
<b>CONSTANT LIGHT OUTPUT (CLO)</b>	No
<b>TYPE OF WIRING</b>	Ending
<b>OPERATION BY BLUETOOTH</b>	No
<b>COMPATIBLE WITH APPLE HOMEKIT</b>	No
<b>COMPATIBLE WITH GOOGLE ASSISTANT</b>	No
<b>COMPATIBLE WITH AMAZON ALEXA</b>	No
<b>IFTTT SUPPORT AVAILABLE</b>	No
<b>EXCHANGEABLE CONTROL GEAR</b>	Yes
<b>LAMP TYPE</b>	LED exchangeable
<b>MOUNTING METHOD</b>	Mastbefestigung
<b>DIMMING PHASE CUT-ON</b>	No
<b>DIMMING GPRS</b>	No
<b>LIFETIME L70/B50 AT 25°C</b>	1000000
<b>LIFETIME L90/B10 AT 25°C</b>	25000
<b>BEG FUNDING</b>	Only relevant in Germany
<b>ENERGY EFFICIENCY CLASS OF THE LIGHT SOURCE OF A LUMINAIRE</b>	C
<b>SURFACE PROTECTION</b>	Powder coating
<b>CONNECTION TYPE</b>	Free conductor end
<b>DEGREE OF PROTECTION (NEMA)</b>	Other