

DesignLights Consortium



Model Number	PLTBR8623X
Classification	Premium
Primary Use	Outdoor Pole/Arm-Mounted Area and Roadway Luminaires
Reported Input Wattage	297.9 W
Reported Light Output	38366 lm
Reported CCT	3000 K
Reported CRI (Ra)	72
Product ID	S-KNQ5CP
DLC Family Code	VVWAIS
Listing Status	Listed
Date Qualified	2023-08-10

PRODUCT INFORMATION VIEW DETAILS

Qualified Product List	Solid State Lighting
Technical Requirements Version	5.1
Product ID	S-KNQ5CP
Manufacturer	Precision Lighting & Transformer, Inc
Brand	PLT
Model Number	PLTBR8623X
Parent	No
Classification	Premium
DLC Family Code	VVWAIS
Input Power Type	AC

PRODUCT CATEGORIZATION VIEW DETAILS

Category	Outdoor Luminaires
General Application	Very High Output
Primary Use Designation	Outdoor Pole/Arm-Mounted Area and Roadway Luminaires

CONTROL FEATURES VIEW DETAILS

Integral Controls	Yes
Dimming Capability and Range	Continuous Dimming to 10% or below
Integral Control Capability	No Control Capability
Sensor Type	Exterior Photocell, Sensor Receptacle
SSL V5 Wired Communication Protocol	0-10V Analog
SSL V5 Wireless Communication Protocol	No Wireless Protocol
Field Adjustable Light Output	Yes
White-Tunable	Yes
Warm-Dimming	No
Field Adjustable Light Distribution	Yes
Field Adjustable Distribution Type	Integral FALD

REPORTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Reported Light Output	38366 lm
Reported Efficacy (AC)	128.8 lm/W
Reported CCT	3000 K
Reported CRI (Ra)	72
Reported R9	-28
Reported IES Rf	74
Reported IES Rg	95
Reported IES Rcs,h1	-16
Reported Minimum Light Output	33480 lm
Reported Maximum Light Output	38366 lm
Reported Minimum CCT	3000 K
Reported Maximum CCT	5000 K
Reported Default Light Output	38366 lm
Reported BUG Rating	B4 U0 G4

REPORTED ELECTRICAL PERFORMANCE VIEW DETAILS

Reported Input Wattage	297.9 W
Reported Total Harmonic Distortion	15 %
Reported Power Factor	0.9
Reported Minimum Input Wattage	260 W
Reported Maximum Input Wattage	297.9
Reported Default Input Wattage	297.9 W
Voltage Range	120-277 V

TESTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Field Adjustable Light Distribution Setting	Pointing Straight Down
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VERSION HISTORY VIEW DETAILS

2023-08-10	Listed	5.1	Premium
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