

DesignLights Consortium



Classification	Standard
Primary Use	2-lamp External Driver (UL Type C) Lamps
Reported Input Wattage	15 W
Reported Light Output	2100 lm
Reported CCT	3500 K
Reported CRI (Ra)	80
Product ID	P7MM791F
DLC Family Code	RRRVPC
Listing Status	Listed
Date Qualified	2019-11-14

PRODUCT INFORMATION VIEW DETAILS

Qualified Product List	Solid State Lighting
Technical Requirements Version	5.1
Product ID	P7MM791F
Manufacturer	Technical Consumer Products
Brand	TCP
Model Number	T80457C35E
Parent	Yes
Classification	Standard
DLC Family Code	RRRVPC
Length	4.0 ft
Input Power Type	AC

PRODUCT CATEGORIZATION VIEW DETAILS

Category	Linear Replacement Lamp
General Application	T8 Four-Foot
Primary Use Designation	2-lamp External Driver (UL Type C) Lamps

PRODUCT CAPABILITIES VIEW DETAILS

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

REPORTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Reported Beam Angle	145 °
Reported Light Output	2100 lm
Reported Efficacy (AC)	140 lm/W
Reported CCT	3500 K
Reported CRI (Ra)	80
Reported R9	8
Reported IES Rf	84
Reported IES Rg	96
Reported IES Rcs,h1	-12
Reported Default Light Output	2100 lm

REPORTED ELECTRICAL PERFORMANCE VIEW DETAILS

Reported Input Wattage	15 W
Reported Total Harmonic Distortion	18 %
Reported Power Factor	0.9
Reported Default Input Wattage	15
Voltage Range	120-277 V

TESTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Tested Light Output	2109 lm
Tested Efficacy (AC)	148.07 lm/W

Tested CCT	3410 K
Tested CRI (Ra)	83
Tested R9	8
Tested IES Rf	84
Tested IES Rg	96
Tested IES Rcs,h1	-12 %
Tested Duv	0.0004
Tested Beam Angle	184 °

TESTED ELECTRICAL PERFORMANCE VIEW DETAILS

Tested Voltage	120
Tested Input Wattage	14.2 W
Tested Total Harmonic Distortion	17.8 %
Tested Power Factor	0.974

VERSION HISTORY VIEW DETAILS

2022-02-10	Listed	5.1	Standard
2020-03-30	Listed	5	Standard
2019-11-14	Listed	4.4	Standard