

DesignLights Consortium



Classification	Standard
Primary Use	Internal Driver/Line Voltage (UL Type B) Lamps
Reported Input Wattage	12.5 W
Reported Light Output	1800 lm
Reported CCT	5000 K
Reported CRI (Ra)	83
Product ID	PL76LGX394N2
DLC Family Code	WWWXGE
Listing Status	Listed
Date Qualified	2020-09-24

PRODUCT INFORMATION VIEW DETAILS

Qualified Product List	Solid State Lighting
Technical Requirements Version	5.1
Product ID	PL76LGX394N2
Manufacturer	Halco Lighting Technologies
Brand	Halco ProLED
Model Number	T848FR12/850/BYP4/DSE/LED
Parent	Yes
Classification	Standard
DLC Family Code	WWWXGE
Length	4.0 ft
Input Power Type	AC

PRODUCT CATEGORIZATION VIEW DETAILS

Category	Linear Replacement Lamp
General Application	T8 Four-Foot
Primary Use Designation	Internal Driver/Line Voltage (UL Type B) Lamps

PRODUCT CAPABILITIES VIEW DETAILS

Integral Controls	No
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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	Phase Cut
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	180 °
Reported Light Output	1800 lm
Reported Efficacy (AC)	144 lm/W
Reported CCT	5000 K
Reported CRI (Ra)	83
Reported R9	0
Reported IES Rf	85
Reported IES Rg	95
Reported IES Rcs,h1	-12
Reported Default Light Output	1800 lm

REPORTED ELECTRICAL PERFORMANCE VIEW DETAILS

Reported Input Wattage	12.5 W
Reported Total Harmonic Distortion	20 %
Reported Power Factor	0.9
Reported Default Input Wattage	12.5
Voltage Range	120-277 V

TESTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Tested Light Output	1723 lm
Tested Efficacy (AC)	133.7 lm/W
Tested CCT	4967 K
Tested CRI (Ra)	83
Tested R9	9
Tested IES Rf	84
Tested IES Rg	95

Tested IES Rcs,h1	-12 %
Tested Duv	0.0035
Tested Beam Angle	168 °

TESTED ELECTRICAL PERFORMANCE VIEW DETAILS

Tested Voltage	120
Tested Input Wattage	12.9 W
Tested Total Harmonic Distortion	18.8 %
Tested Power Factor	0.91

VERSION HISTORY VIEW DETAILS

2022-06-28	Listed	5.1	Standard
2020-09-24	Listed	5	Standard