

DesignLights Consortium



Classification	Standard
Primary Use	Replacement Lamps (plug and play) (UL Type A)
Reported Input Wattage	15 W
Reported Light Output	2000 lm
Reported CCT	5000 K
Reported CRI (Ra)	83
Product ID	PL13J2GK2NIP
DLC Family Code	CCCGOI
Listing Status	Listed
Date Qualified	2019-03-13

PRODUCT INFORMATION VIEW DETAILS

Qualified Product List	Solid State Lighting
Technical Requirements Version	5.1
Product ID	PL13J2GK2NIP
Manufacturer	Halco Lighting Technologies
Brand	Halco ProLED
Model Number	T8FR12/850/DIR4/LED
Parent	Yes
Classification	Standard
DLC Family Code	CCCGOI
Length	4.0 ft
Input Power Type	AC
Notes	Dimmable depending on ballast capability.

PRODUCT CATEGORIZATION VIEW DETAILS

Category	Linear Replacement Lamp
General Application	T8 Four-Foot
Primary Use Designation	Replacement Lamps (plug and play) (UL Type A)

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	200 °
Reported Light Output	2000 lm
Reported Efficacy (AC)	133 lm/W
Reported CCT	5000 K
Reported CRI (Ra)	83
Reported R9	5
Reported IES Rf	84
Reported IES Rg	95
Reported IES Rcs,h1	-12
Reported Default Light Output	2000 lm

REPORTED ELECTRICAL PERFORMANCE VIEW DETAILS

Reported Input Wattage	15 W
Reported Total Harmonic Distortion	20 %
Reported Power Factor	0.9
Reported Default Input Wattage	15

TESTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Tested Light Output	1988 lm
Tested Efficacy (AC)	135 lm/W
Tested CCT	4790 K
Tested CRI (Ra)	82
Tested R9	5
Tested IES Rf	84
Tested IES Rg	95

Tested IES Rcs,h1	-12 %
Tested Duv	0.0056

TESTED ELECTRICAL PERFORMANCE VIEW DETAILS

Tested Voltage	277
Tested Input Wattage	14.7 W
Tested Total Harmonic Distortion	13.3 %
Tested Power Factor	0.959

VERSION HISTORY VIEW DETAILS

2022-06-22	Listed	5.1	Standard
2020-03-30	Listed	5	Standard
2019-03-13	Listed	4.4	Standard