

DesignLights Consortium



Classification	Standard
Primary Use	2x2 Luminaires for Ambient Lighting of Interior Commercial Spaces
Reported Input Wattage	40 W
Reported Light Output	4400 lm
Reported CCT	3500 K
Reported CRI (Ra)	80
Product ID	PLWIRO4ECL1F
DLC Family Code	IIINLF
Listing Status	Listed
Date Qualified	2019-09-24

PRODUCT INFORMATION VIEW DETAILS

Qualified Product List	Solid State Lighting
Technical Requirements Version	5.1
Product ID	PLWIRO4ECL1F
Manufacturer	Halco Lighting Technologies
Brand	ProLED
Model Number	22FSEPL/8DU
Parent	Yes
Classification	Standard
DLC Family Code	IIINLF
Input Power Type	AC

PRODUCT CATEGORIZATION VIEW DETAILS

Category	Indoor Luminaires
General Application	Troffer
Primary Use Designation	2x2 Luminaires for Ambient Lighting of Interior Commercial Spaces

PRODUCT CAPABILITIES VIEW DETAILS

Integral Controls	No
Dimming Capability and Range	Continuous Dimming to 10% or below

Sensor Type	No Sensor
SSL V5 Wired Communication Protocol	0-10V
SSL V5 Wireless Communication Protocol	No Wireless Protocol
Field Adjustable Light Output	No
White-Tunable	Yes
Warm-Dimming	No
Field Adjustable Light Distribution	No

REPORTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Reported Light Output	4400 lm
Reported Efficacy (AC)	110 lm/W
Reported CCT	3500 K
Reported CRI (Ra)	80
Reported R9	12
Reported IES Rf	85
Reported IES Rg	94
Reported IES Rcs,h1	-12
Reported Minimum Light Output	2750 lm
Reported Maximum Light Output	4400 lm
Reported Minimum CCT	3500 K
Reported Maximum CCT	5000 K
Reported Default Light Output	4400 lm

REPORTED ELECTRICAL PERFORMANCE VIEW DETAILS

Reported Input Wattage	40 W
Reported Total Harmonic Distortion	20 %
Reported Power Factor	0.9
Reported Minimum Input Wattage	25
Reported Maximum Input Wattage	40
Reported Default Input Wattage	40
Voltage Range	120-277 V

TESTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Tested Light Output	4660.03 lm
Tested Efficacy (AC)	114.64 lm/W
Tested CCT	3439 K
Tested CRI (Ra)	80

Tested R9	2
Tested IES Rf	83
Tested IES Rg	95
Tested IES Rcs,h1	-13 %
Tested Duv	0

TESTED ELECTRICAL PERFORMANCE VIEW DETAILS

Tested Voltage	120
Tested Input Wattage	40.65 W
Tested Total Harmonic Distortion	16.34 %
Tested Power Factor	0.9178

VERSION HISTORY VIEW DETAILS

2021-04-30	Listed	5.1	Standard
2021-02-28	Delisted	4.4	Standard
2019-09-24	Listed	4.4	Standard