

# DesignLights Consortium



Model Number	FPLCR-24-LS-CS-UNV-[blank or EM]
Classification	Premium
Primary Use	2x4 Luminaires for Ambient Lighting of Interior Commercial Spaces
Reported Input Wattage	44.7 W
Reported Light Output	5606 lm
Reported CCT	3500 K
Reported CRI (Ra)	84
Product ID	S-7QC1WH
DLC Family Code	<a href="#">XXXFRH</a>
Listing Status	Listed
Date Qualified	2024-07-15

## PRODUCT INFORMATION VIEW DETAILS

Qualified Product List	Solid State Lighting
Technical Requirements Version	5.1
Product ID	S-7QC1WH
Manufacturer	Halco Lighting Technologies
Brand	HALCO
Model Number	FPLCR-24-LS-CS-UNV-[blank or EM]
Parent	Yes
Classification	Premium
DLC Family Code	XXXFRH
Input Power Type	AC

## PRODUCT CATEGORIZATION VIEW DETAILS

Category	Indoor Luminaires
General Application	Troffer
Primary Use Designation	2x4 Luminaires for Ambient Lighting of Interior Commercial Spaces

## CONTROL FEATURES VIEW DETAILS

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

## REPORTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Reported Light Output	5606 lm
Reported Efficacy (AC)	125.33 lm/W
Reported CCT	3500 K
Reported CRI (Ra)	84
Reported R9	11
Reported IES Rf	84
Reported IES Rg	96
Reported IES Rcs,h1	-11
Reported Minimum Light Output	3750 lm
Reported Maximum Light Output	5606 lm
Reported Minimum CCT	3500 K
Reported Maximum CCT	5000 K
Reported Default Light Output	5606 lm

## REPORTED ELECTRICAL PERFORMANCE VIEW DETAILS

Reported Input Wattage	44.7 W
Reported Total Harmonic Distortion	12 %
Reported Power Factor	0.976
Reported Minimum Input Wattage	30 W
Reported Maximum Input Wattage	44.7
Reported Default Input Wattage	44.7 W
Voltage Range	120-277 V

## TESTED PHOTOMETRIC PERFORMANCE VIEW DETAILS

Tested Voltage for Minimum Efficacy	120
-------------------------------------	-----

Tested Light Output	5606 lm
Tested Efficacy (AC)	125.33 lm/W
Tested CCT	3576 K
Tested CRI (Ra)	84
Tested R9	11
Tested IES Rf	84
Tested IES Rg	96
Tested IES Rcs,h1	-12 %

## TESTED ELECTRICAL PERFORMANCE VIEW DETAILS

Tested Input Wattage	44.7 W
Tested Total Harmonic Distortion	12 %
Tested Power Factor	0.975

## VERSION HISTORY VIEW DETAILS

2024-07-31	Listed	5.1	Premium
------------	--------	-----	---------