

DIRECT CANOPY FIXTURE · HIGH LUMEN

DLCNH

Field-Adjustable Wattage & CCT — Die-Cast Aluminum IP65

PROJECT NAME

MODEL NUMBER

TYPE

EFFICACY	CRI	BEAM ANGLE	INPUT VOLTAGE	WATTAGE	IP RATING	DIMMING
165LM/W	80	145°	120–277 V	100–150 _W	IP65	0–10 _V

01 ORDERING INFORMATION

FIXED	FIXED	SELECT
DLCN	H	OPTIONS
Series prefix	High lumen	— Standard (no sensor/battery)
		EM Emergency battery
		MMS Microwave motion sensor

Wattage (100W / 120W / 150W) and CCT (3000K / 4000K / 5000K) are field-selectable via onboard toggle switch

EXAMPLE **DLCN-H-MMS** → DLCNH canopy with microwave motion sensor (wattage & CCT set on-site via toggle)

02 FEATURES & SPECIFICATIONS

INTENDED USE	DirectLED canopy lights are versatile, energy-saving fixtures ideal for parking garages, entryways, gas stations, outdoor aisles, and commercial applications. Energy and maintenance savings up to 86% versus HID solutions. Easily surface or pendant mounted.
CONSTRUCTION	Die-cast aluminum housing rated IP65 . Polycarbonate lens. White standard finish. Operating temperature –22°F to +122°F .
ELECTRICAL	120–277V input. Field-adjustable to three wattage levels. Surge protection: LN-PG 5KV, L-N 4KV. 0–10V dimming capability. Field-installable sensor available.
FIELD ADJUSTABLE	Wattage (100W / 120W / 150W) and CCT (4000K and 5000K) are field-selectable via onboard toggle switch.
MOUNTING	Ceiling surface mount or pendant. Three conduit entry points. Compatible with standard junction boxes.
LISTINGS	UL listed. Rated for outdoor locations.

FIG. 01 · PRODUCT PHOTO



FIG. 02 · LINE DRAWING



CERTIFICATIONS & RATINGS

IP65

UL

WET

03 GENERAL SPECIFICATIONS

PHYSICAL & ELECTRICAL		OPTICAL & ENVIRONMENTAL	
Housing Material	Die-cast aluminum	Wattage	100W / 120W / 150W
Lens Material	Polycarbonate	Efficacy	140 LM/W
Dimensions	15" × 15" × 3.26"	CRI	80
IP Rating	IP65	Beam Angle	145°
Finish	White (standard)	Color Temperature	3000K / 4000K / 5000K
Input Voltage	120–277V AC	Operating Temp	–22°F to +122°F
Surge Protection	LN-PG 5KV / L-N 4KV	Certifications	Wet Location
Dimming	0–10V	Qualifications	UL Outdoor
Mounting	Ceiling or pendant		

04 PERFORMANCE DATA

Tested per IES LM-79 · 4000K & 5000K shown; 3000K on request

CATALOG NUMBER	INPUT POWER	CCT	DELIVERED LUMENS	EFFICACY (LM/W)
DLCNH	100W	4000K	16,467	164.7
DLCNH	120W	4000K	17,822	148.5
DLCNH	150W	4000K	21,590	143.9
DLCNH	100W	5000K	15,886	158.9
DLCNH	120W	5000K	18,564	154.7
DLCNH	150W	5000K	22,862	152.4

05 SENSOR OPTIONS (FIELD INSTALLABLE)

MMS — MICROWAVE MOTION SENSOR

Programmable using remote control (RC-100). Detection radius adjustable from 20–100%. Time delay before dim-off: 10 seconds to 60 minutes. Hold time on low dim is adjustable. Sensor must have direct line of sight to motion source — select only when unobstructed sight lines are achievable.

06 PHOTOMETRIC DISTRIBUTION

FIG. 03 · IES POLAR CURVE

