



# Gas Station Canopy Heavy Duty



## Description

The LITELUME™ LED Gas Station Canopy Heavy Duty (LL-GCHD) is a low profile luminaire constructed with a IP65 rated corrosion resistant die cast housing suitable for outdoor applications. Featuring a proprietary optical system with glass lens making this fixture ideal for fuel stations, drive throughs or other or canopy applications.

## Fixture Information

Size:	40W/60W/80W/90W/ 100W/120W/150W
Housing:	Die-cast Aluminum Housing
Finish:	Corrosion Resistant Protective powder coat
Color:	Standard: White (WH) Custom Options available
Lens:	Tempered Glass
Dimming:	Standard: 0-10v, 10%
CRI:	70
Power Factor:	.90
THD:	<20%
Operating Temperature:	-40F to 122F
Surge Protector:	Optional: 10 kVA
Voltage:	Standard: 120-277V Custom Option: 347-480V
Sensor:	Standard: No sensor Optional: Internal Microwave Motion Sensor
Warranty:	10-Year Limited Warranty

## Performance Data

### Lumen Output:

6,700 to 23,000 lm

### Lumens Per Watt (typical):

150 to 170 lm/W

### CCT:

5000K

### Distribution

General  
Type 3

### Lifespan:

Features high performance LED's with up to  
100,000 running hours

## Ratings & Certificates

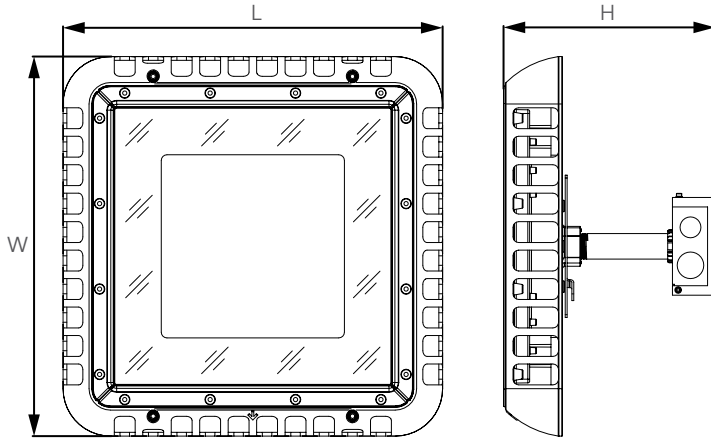
UL Listed For Wet Location  
TAA Compliant





## Dimension

Item	Width	Length	Height	Weight
GCHD	15.75"	15.75"	8.78"	13.14 lbs



## Performance Data

LL-GCHD-[40][60][80][100]-50-UNV-WH				
SETTING	SYSTEM WATTS	DISTRIBUTION	5000K	
			LUMENS (70CRI)	LPW (70CRI)
100%	100W	Type V	15000 lm	150 lm/W
80%	80W	Type V	12300 lm	154 lm/W
60%	60W	Type V	9600 lm	160 lm/W
40%	40W	Type V	6700 lm	166 lm/W

LL-GCHD-[60][90][120][150]-50-UNV-WH				
SETTING	SYSTEM WATTS	DISTRIBUTION	5000K	
			LUMENS (70CRI)	LPW (70CRI)
100%	150W	Type V	23000 lm	153 lm/W
80%	120W	Type V	19000 lm	158 lm/W
60%	90W	Type V	14800 lm	164 lm/W
40%	60W	Type V	10200 lm	170 lm/W

LL-GCHD-[60][90][120][150]-50-UNV-T3-WH				
SETTING	SYSTEM WATTS	DISTRIBUTION	5000K	
			LUMENS (70CRI)	LPW (70CRI)
100%	150W	Type III	22000 lm	147 lm/W
80%	120W	Type III	18000 lm	150 lm/W
60%	90W	Type III	14000 lm	156 lm/W
40%	60W	Type III	9700 lm	162 lm/W

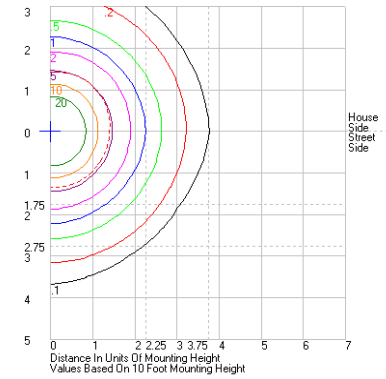
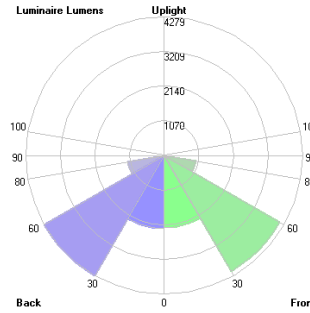


Photometrics

LL-GCHD-[40][60][80][100]-50-UNV-WH

Lum. Classification System (LCS)

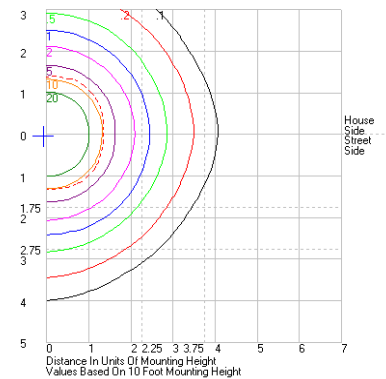
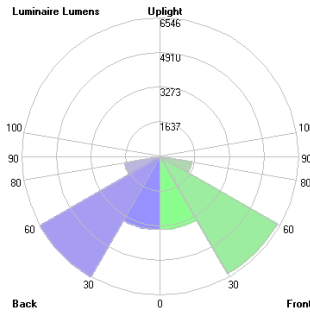
LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	2230.2	14.8	14.8
FM (30-60)	4125.3	27.3	27.3
FH (60-80)	998.0	6.6	6.6
FVH (80-90)	36.5	0.2	0.2
BL (0-30)	2250.9	14.9	14.9
BM (30-60)	4279.1	28.3	28.3
BH (60-80)	1141.9	7.6	7.6
BVH (80-90)	51.4	0.3	0.3
UL (90-100)	0.3	0.0	0.0
UH (100-180)	0.0	0.0	0.0
<b>Total</b>	<b>15113.6</b>	<b>100.0</b>	<b>100.0</b>
<b>BUG Rating</b>	<b>B3-U1-G1</b>		



LL-GCHD-[60][90][120][150]-50-UNV-WH

Lum. Classification System (LCS)

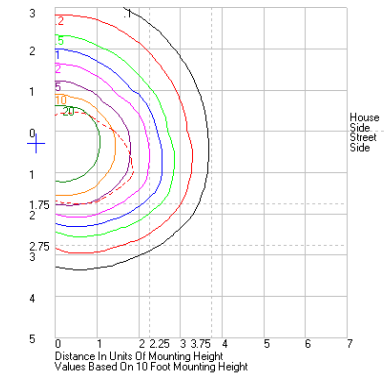
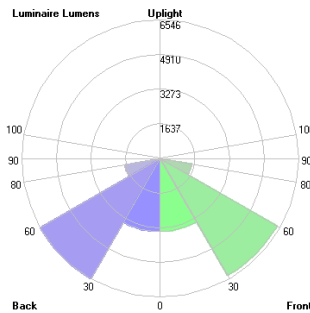
LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	3446.3	14.9	14.9
FM (30-60)	6374.5	27.5	27.5
FH (60-80)	1521.8	6.6	6.6
FVH (80-90)	59.4	0.3	0.3
BL (0-30)	3462.8	14.9	14.9
BM (30-60)	6546.5	28.2	28.2
BH (60-80)	1688.7	7.3	7.3
BVH (80-90)	76.9	0.3	0.3
UL (90-100)	0.5	0.0	0.0
UH (100-180)	0.0	0.0	0.0
<b>Total</b>	<b>23177.4</b>	<b>100.0</b>	<b>100.0</b>
<b>BUG Rating</b>	<b>B4-U1-G1</b>		



LL-GCHD-[60][90][120][150]-50-UNV-T3-WH

Lum. Classification System (LCS)

LCS Zone	Lumens	%Lamp	%Lum
FL (0-30)	3446.3	14.9	14.9
FM (30-60)	6374.5	27.5	27.5
FH (60-80)	1521.8	6.6	6.6
FVH (80-90)	59.4	0.3	0.3
BL (0-30)	3462.8	14.9	14.9
BM (30-60)	6546.5	28.2	28.2
BH (60-80)	1688.7	7.3	7.3
BVH (80-90)	76.9	0.3	0.3
UL (90-100)	0.5	0.0	0.0
UH (100-180)	0.0	0.0	0.0
<b>Total</b>	<b>23177.4</b>	<b>100.0</b>	<b>100.0</b>
<b>BUG Rating</b>	<b>B4-U1-G1</b>		





<b>Project Name</b>	
<b>Catalog #</b>	
<b>Job Type</b>	
<b>Prepared By</b>	
<b>Notes</b>	

### Fixture Ordering Information

Part #	Wattage	Lumens	Kelvin	Voltage	Distribution
LL-GCHD-[40][60][80][100]-50-UNV-WH	40W/60W/80W/100W	6700/9600/12300/15000	5000	120-277	Type V
LL-GCHD-[60][90][120][150]-50-UNV-WH	60W/90W/120W/150W	10200/14800/19000/23000	5000	120-277	Type V
LL-GCHD-[60][90][120][150]-50-UNV-T3-WH	60W/90W/120W/150W	10200/14800/19000/23000	5000	120-277	Type III

\* Please contact LITELUME for all Custom Option Requests

### Accessories Ordering Information

Part #	Description
US002-01VR-2	Haisen 10.5 - 15V DC 0-10V Dimming Microwave Motion Sensor
SUB "UNV" WITH "480"	480 Volt
GCHD-SC	Spring Clips For Gas Station Canopy Heavy Duty