LIGHTOLIER
by signify

Track Lighting

LightFlood LED

2000 & 4000lm

Project:
Location:
Cat.No:
Type:
Qty:
Notes:

LightFlood is a linear flood fixture that delivers a powerful, uniform beam and high efficacy for wall washing. LightFlood can be used with Lightolier Basic and Advent track lighting systems, as well as Global Track.

Ordering Guide

Series	Lumens (Watts)	CCT	Adapters	Finishes
LLF				
LLF LightFlood LED	**2** 2000lm (23W) **4** 4000lm (45W)	**27** 2700K **30** 3000K **40** 4000K	**–** Lightolier[1] **J** Juno **H** Halo **GG** Global GES **GH** Global HTEK[2] **GT** Global TEK	**AL** Aluminum **WH** Matte White **BK** Matte Black

1. For use with Basic and Advent track. For monopoint applications refer to specification sheet 6170 and 6190 (will require two monopoints). Not compatible with extension wands, multipoint, ProSpec track, clamp-on monopoint or sloped ceiling adapter.
2. All versions use 120/277V driver

Accessories

Series	Finish	Description
LLF2LV Louver	**BK** Black	The Louver is designed to provide additional light shielding and reduce lamp glare when needed.
LLF2VS Visor	**BK** Black **AL** Aluminum	The Visor is designed with interior reflector to direct light toward surface to create a washing effect.

Features

1. **Track attachment fitting:** For mechanical/electrical connection.
2. **Brass contact:** Extends for connection to second circuit (Advent track only).
3. **Vertical pivot:** 0-90° vertical adjustment.
4. **LED board:** For efficient thermal management. MC PCB with vias.
5. **Optical assembly:** Reflector and diffuser.
6. **Light source:** 20 LEDs.
7. **Housing:** Die cast aluminum end plates and extruded aluminum heat sink perform as housing for light engine and driver.
8. **Cover lens:** Diffuser prevents dust and other contaminants from entering Reflector and LED surfaces.
9. **Accessory groove:** Integrated groove in housing allows accessories to be installed directly to housing. Accessories sold separately.

Accessories

Accepts one of the following:
Louver - LLF2LV (BK only)
Visor - LLF2VS (AL, BK)
Contact factory for competitor adaptor options.

Electrical

Input voltage: 120/277V
Input frequency: 50/60 Hz
Nominal input power: 45W/23W
Efficacy: Up to 100lm/W
Power factor: > .90
Lumen maintenance:
>70% of initial lumens @ 50,000 hrs
Photometric performance:
Tested in accordance to LM79

Dimming

ELV and Triac dimming compatible

Philips Sunrise SR400RPC120 2.35%
Lutron Diva DVELV 1.97%
Lutron Skylark SELV-300P 1.60%
Lutron Skylark S-600P 0.02%

Finish

All painted finishes are powder coated.

Labels

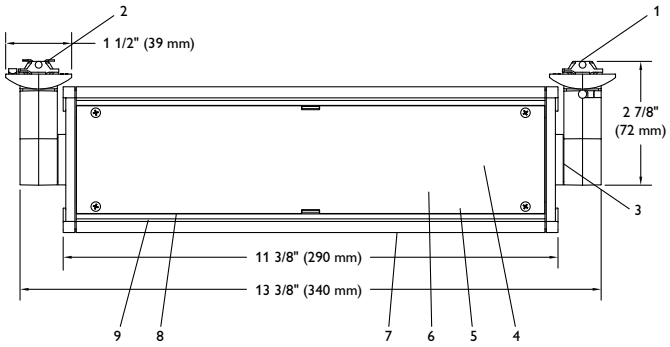
5 year warranty.

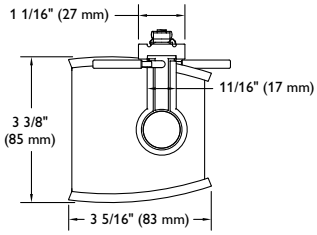
RoHS COMPLIANT
ENERGY STAR
c UL us LISTED

LightFlood LED

2000lm & 4000lm Track head

Dimensions

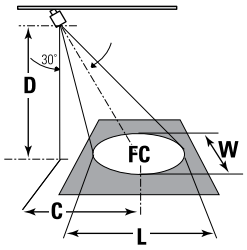


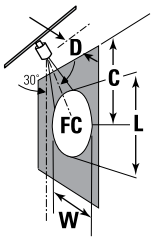


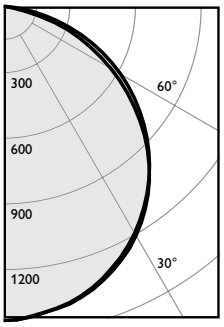
Aiming angles

L and **W** are the outer points where the candle power drops to 50% of the maximum. **FC** are the initial footcandles at the center of the beam. Data shown is for 3000K, for 2700K multiply FC by 0.91.

L	Beam length	**FC**	Footcandles
D	Distance	**C**	Distance to center beam
W	Beam Width		
A	Aiming Angle		







Fixture: LLF430WH

CCT[1]:	3000K
Output lumens:	3931 lms
Input watts[2]:	45 W
Efficacy:	87.4 lm/w
CRI:	80 min
CBCP.:	1,434 cd
Beam Angle:	111°
Field Angle:	160°
Report no[3]:	816GFR

Track: LLF230AL

CCT[1]:	3000K
Output lumens:	2243 lms
Input watts[2]:	22.3 W
Efficacy:	100.6 lm/w
CRI:	80 min
CBCP.:	881 cd
Beam Angle:	100°
Field Angle:	147°
Report no[3]:	768GFR

Flood

30° Horizontal Aiming

Distance			Beam	
D	C	F.C.	L	W
6	3.5	26	79.1	20.2
8	4.6	15	105.5	26.9
10	5.8	9	131.8	33.6
12	6.9	6	158.2	40.3

30° Horizontal Aiming

Distance			Beam	
D	C	F.C.	L	W
2	3.5	45	N/A	11.6
3	5.2	20	N/A	17.5
4	6.9	11	N/A	23.3
5	8.7	7	N/A	29.1

Flood

30° Horizontal Aiming

Distance			Beam	
D	C	F.C.	L	W
6	3.5	16	N/A	46.8
8	4.6	9	N/A	62.4
10	5.8	6	N/A	78.0
12	6.9	4	N/A	93.6

30° Horizontal Aiming

Distance			Beam	
D	C	F.C.	L	W
2	3.5	28	N/A	27.0
3	5.2	12	N/A	40.5
4	6.9	7	N/A	54.0
5	8.7	4	N/A	67.5

1. Correlated Color Temperature within specs as defined in ANSI_NEMA_ANSLG C78.377-2008: Specifications for the Chromaticity of Solid State Lighting Products.
2. Wattage controlled to within +/- 5%.
3. Tested using absolute photometry as specified in LM79: IESNA Approved Method for the Electrical and Photometric Measurements of Solid-State Lighting Products.

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