

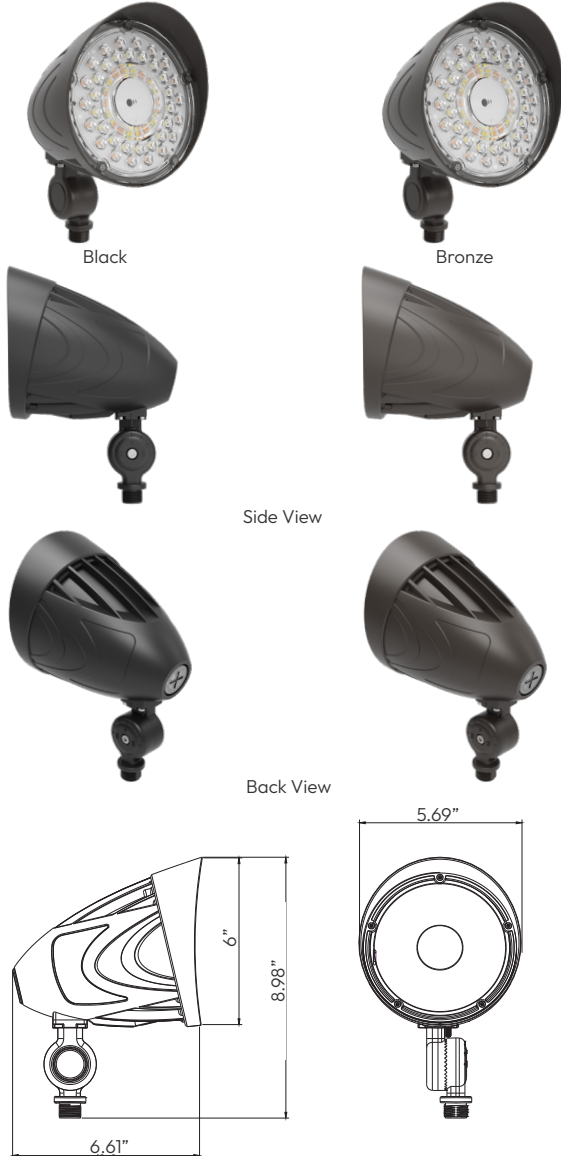
FLD4X SERIES MCTP

COMMERCIAL OUTDOOR LIGHTING

FLD4X-25W-MCTPB-D-BR

FLD4X-25W-MCTPB-D-BK

LED X-GEN Bullet Flood Light, 0-10V Dimming, Power, CCT & Beam Angle Adjustable



Technical Drawing: 8.98" (H) x 6.61" (W) x 5.69" (D)

The FLD4X X-GEN Bullet Flood Light is a compact outdoor LED flood fixture designed for landscape, wall wash, facade, sign, security, and general area lighting. The fixture combines field-selectable wattage, 3000K/4000K/5000K CCT selection, and adjustable beam angle control in one housing, allowing installers to fine-tune output, color temperature, and distribution on site. Its die-cast aluminum body, powder coat finish, impact-resistant PC lens, wet location rating, and adjustable knuckle mount make it a flexible solution for commercial and architectural outdoor lighting applications.

Customer Name:

Project Name:

Note:

Type:

FEATURES:

- UL Listed
- Wet location rated
- 7-year warranty
- Power selectable for field output adjustment
- Selectable beam angle for wall wash, landscape, sign, facade, security, and general flood lighting
- Compact bullet design with adjustable knuckle mount
- IP65 sealed construction for outdoor applications
- High-efficiency performance up to 160 LM/W
- Photocell ON/OFF switch

SPECIFICATIONS:

ELECTRICAL

- Input voltage: 120-277 VAC, 50/60 Hz
- Wattage selectable: 15W / 20W / 25W
- 0-10V dimming: 0-100%
- Field-adjustable wattage switch
- Operating temperature: -40°F to 113°F

LIGHTING

- CCT selectable: 3000K / 4000K / 5000K
- Beam angle selectable: 4H4V / 5H5V / 6H6V
- Beam angle performance: 25.8° / 31.0° / 56.5° average beam angle
- Lumens at 4000K:
 - 15W: 2130-2230 lumens
 - 20W: 2824-2982 lumens
 - 25W: 3379-3569 lumens
- Efficacy at 4000K: 145-160 LM/W
- CRI: >70
- Impact-resistant PC lens for uniform light distribution
- Frosted anti-glare lens
- Lifespan: 70,000 hours

MECHANICAL

- Die-cast aluminum housing
- Powder coat finish
- Finish options: Bronze or Black
- Knuckle mount included
- Fits 1/2" base
- Adjustable knuckle: 180°
- IP65 rated for wet locations
- IK08 impact rating
- Dimensions:
 - Fixture diameter: 5.69"
 - Overall height: 8.98"
 - Housing height: 6.02"
 - Overall depth: 6.61"

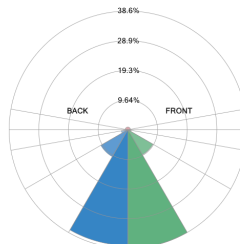
APPLICATIONS:

- Ideal for building exteriors, parking lots, walkways, security, landscape, signage, and general area lighting with adjustable power, CCT, beam angle, and 0-10V dimming.

PHOTOMETRICS

15W 4H4V

BUG rating

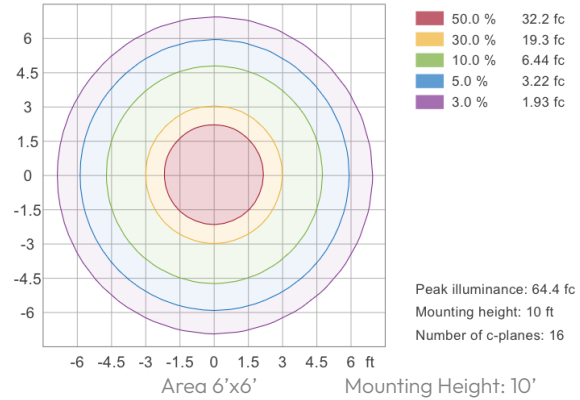


Rating: B2 U2 G0

Forward Light			
Low (0-30°)	842.7	38.6%	
Medium (30-60°)	205.6	9.41%	
High (60-80°)	23.47	1.07%	
Very High (80-90°)	0.4185	0.0191%	
Back Light			
Low (0-30°)	822.3	37.6%	
Medium (30-60°)	221.2	10.1%	
High (60-80°)	46.59	2.13%	
Very High (80-90°)	3.936	0.180%	
Uplight			
Low (90-100°)	0.321	0.0147%	
High (100-180°)	18.85	0.862%	
Total			
Sum	2185	100%	

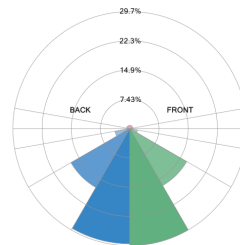
IESNA TM-15-07 Luminaire Classification System
For Outdoor Luminaires
BUG Rating: B2-U2-G0

Iso-illuminance plot



15W 5H5V

BUG rating

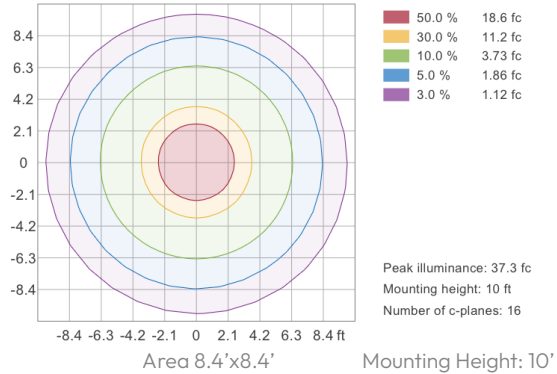


Rating: B2 U2 G0

Forward Light			
Low (0-30°)	654.2	29.7%	
Medium (30-60°)	368	16.7%	
High (60-80°)	45.05	2.05%	
Very High (80-90°)	0.5899	0.0266%	
Back Light			
Low (0-30°)	644.3	29.3%	
Medium (30-60°)	380.2	17.3%	
High (60-80°)	84.23	3.82%	
Very High (80-90°)	6.474	0.294%	
Uplight			
Low (90-100°)	0.5754	0.0261%	
High (100-180°)	18.45	0.838%	
Total			
Sum	2202	100%	

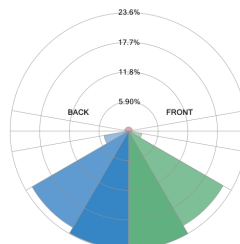
IESNA TM-15-07 Luminaire Classification System
For Outdoor Luminaires
BUG Rating: B2-U2-G0

Iso-illuminance plot



15W 6H6V

BUG rating

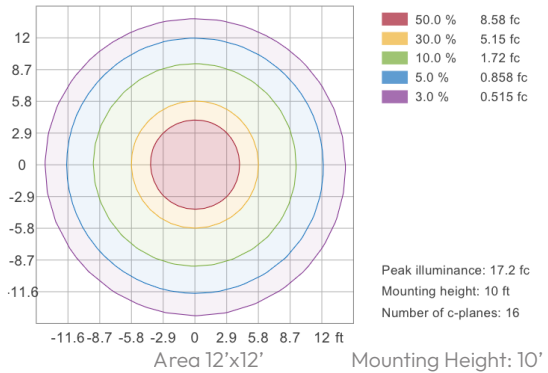


Rating: B1 U2 G0

Forward Light			
Low (0-30°)	491.1	23.6%	
Medium (30-60°)	452.8	21.8%	
High (60-80°)	56.41	2.71%	
Very High (80-90°)	0.6545	0.0315%	
Back Light			
Low (0-30°)	488.7	23.5%	
Medium (30-60°)	462	22.2%	
High (60-80°)	103.7	4.98%	
Very High (80-90°)	7.722	0.371%	
Uplight			
Low (90-100°)	0.7023	0.0337%	
High (100-180°)	17.03	0.819%	
Total			
Sum	2081	100%	

IESNA TM-15-07 Luminaire Classification System
For Outdoor Luminaires
BUG Rating: B1-U2-G0

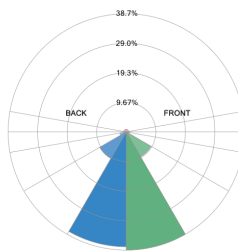
Iso-illuminance plot



PHOTOMETRICS

20W 4H4V

BUG rating



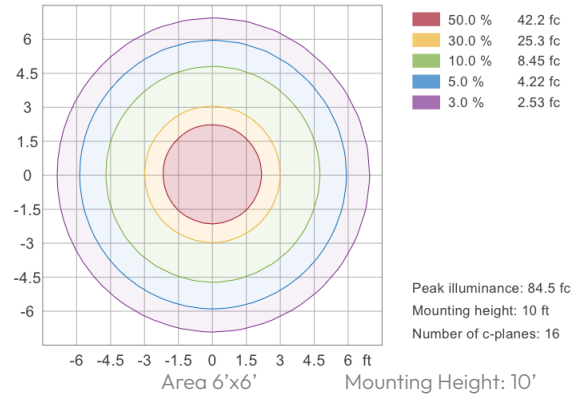
Rating: B3 U2 G0

Forward Light			
Low (0-30°)	1107	38.7%	
Medium (30-60°)	268.8	9.39%	
High (60-80°)	30.83	1.08%	
Very High (80-90°)	0.5723	0.0200%	
Back Light			
Low (0-30°)	1076	37.6%	
Medium (30-60°)	288	10.1%	
High (60-80°)	60.8	2.12%	
Very High (80-90°)	5.15	0.180%	
Uplight			
Low (90-100°)	0.4505	0.0157%	
High (100-180°)	24.84	0.868%	
Total	2863	100%	

IESNA TM-15-07 Luminaire Classification System

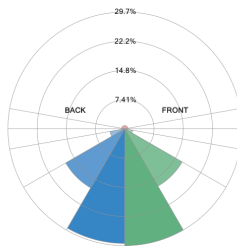
BUG Rating: B3-U2-G0

Iso-illuminance plot



20W 5H5V

BUG rating



Rating: B2 U2 G1

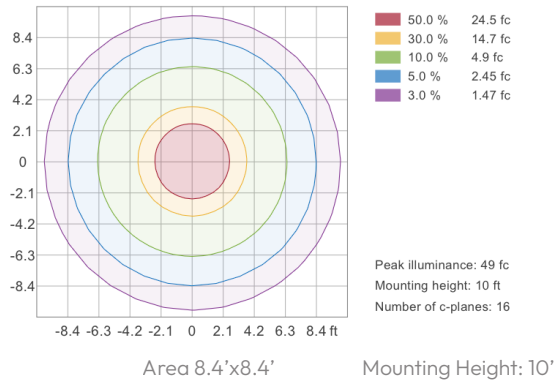
Forward Light			
Low (0-30°)	885.1	29.7%	
Medium (30-60°)	490.6	16.8%	
High (60-80°)	60.19	2.06%	
Very High (80-90°)	0.806	0.0276%	
Back Light			
Low (0-30°)	849.5	29.1%	
Medium (30-60°)	505.1	17.3%	
High (60-80°)	111.6	3.83%	
Very High (80-90°)	8.564	0.294%	
Uplight			
Low (90-100°)	0.7678	0.0274%	
High (100-180°)	24.59	0.843%	
Total	2917	100%	

IESNA TM-15-07 Luminaire Classification System

For Outdoor Luminaires

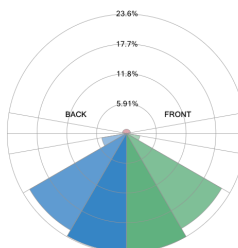
BUG Rating: B2-U2-G1

Iso-illuminance plot



20W 6H6V

BUG rating



Rating: B2 U2 G1

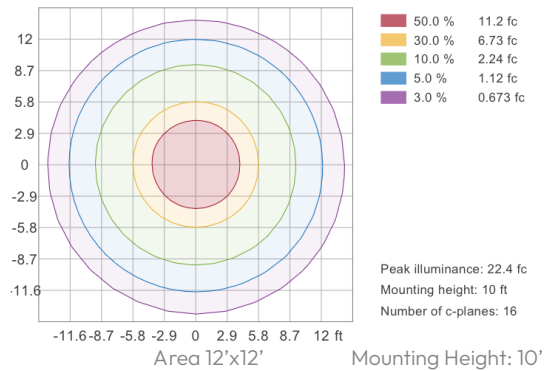
Forward Light			
Low (0-30°)	641.6	23.6%	
Medium (30-60°)	591.2	21.8%	
High (60-80°)	73.8	2.72%	
Very High (80-90°)	0.8822	0.0325%	
Back Light			
Low (0-30°)	637.1	23.5%	
Medium (30-60°)	601.7	22.2%	
High (60-80°)	134.7	4.96%	
Very High (80-90°)	10.03	0.369%	
Uplight			
Low (90-100°)	0.9447	0.0348%	
High (100-180°)	22.37	0.824%	
Total	2714	100%	

IESNA TM-15-07 Luminaire Classification System

For Outdoor Luminaires

BUG Rating: B2-U2-G1

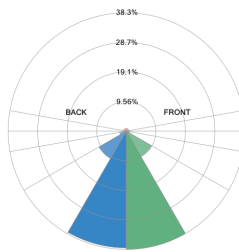
Iso-illuminance plot



PHOTOMETRICS

25W 4H4V

BUG rating



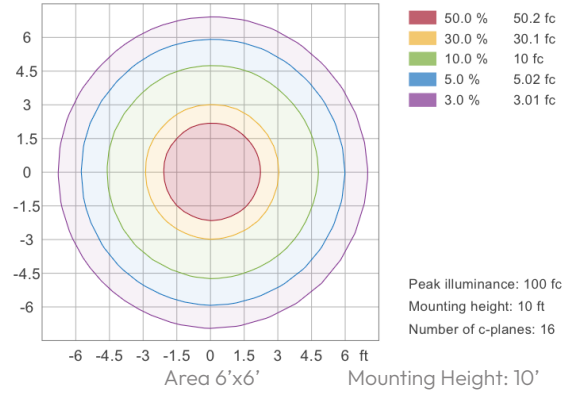
Rating: B3 U2 G0

Forward Light			
Low (0-30°)	1292	38.3%	
Medium (30-60°)	317.7	9.41%	
High (60-80°)	36.64	1.08%	
Very High (80-90°)	0.6337	0.0188%	
Back Light			
Low (0-30°)	1276	37.8%	
Medium (30-60°)	345.7	10.2%	
High (60-80°)	73.11	2.16%	
Very High (80-90°)	5.971	0.177%	
Uplight			
Low (90-100°)	0.5422	0.0161%	
High (100-180°)	29.4	0.870%	
Total			
Sum	3378	100%	

IESNA TM-15-07 Luminaire Classification System

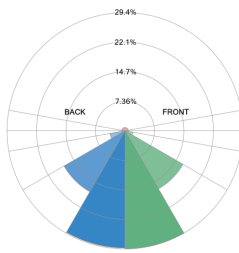
BUG Rating: B3-U2-G0

Iso-illuminance plot



25W 5H5V

BUG rating



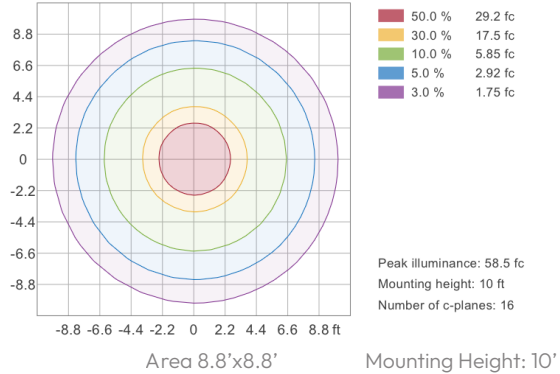
Rating: B3 U2 G1

Forward Light			
Low (0-30°)	1025	29.4%	
Medium (30-60°)	582.6	16.7%	
High (60-80°)	70.31	2.02%	
Very High (80-90°)	0.8761	0.0252%	
Back Light			
Low (0-30°)	1018	29.2%	
Medium (30-60°)	611.7	17.6%	
High (60-80°)	133.7	3.84%	
Very High (80-90°)	9.877	0.284%	
Uplight			
Low (90-100°)	0.9343	0.0268%	
High (100-180°)	29.48	0.847%	
Total			
Sum	3482	100%	

IESNA TM-15-07 Luminaire Classification System

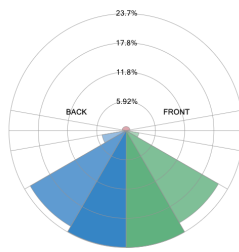
BUG Rating: B3-U2-G1

Iso-illuminance plot



25W 6H6V

BUG rating



Rating: B2 U2 G1

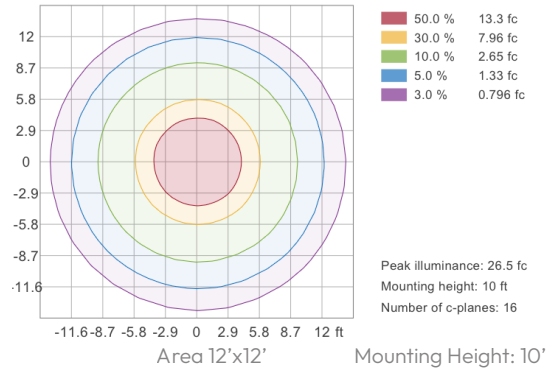
Forward Light			
Low (0-30°)	757	23.7%	
Medium (30-60°)	689	21.5%	
High (60-80°)	84.12	2.63%	
Very High (80-90°)	0.93	0.0291%	
Back Light			
Low (0-30°)	754.7	23.6%	
Medium (30-60°)	715.5	22.4%	
High (60-80°)	157.6	4.93%	
Very High (80-90°)	11.26	0.352%	
Uplight			
Low (90-100°)	1.072	0.0335%	
High (100-180°)	26.51	0.829%	
Total			
Sum	3198	100%	

IESNA TM-15-07 Luminaire Classification System

For Outdoor Luminaires

BUG Rating: B2-U2-G1

Iso-illuminance plot



PERFORMANCE TABLE

MODEL NO.	WATTAGE	LUMEN	COLOR TEMP.	LPW	BUG
FLD4X-25W-MCTPB-D-BR FLD4X-25W-MCTPB-D-BK	15W 20W 25W	2250LM 3000LM 3750LM	3000K 4000K 5000K	150	B2-U2-G2