

Project
Schedule / Date
Notes
Catalog Number

Product Description

naturalLED® Wall Lights (BFD) (BWL) (DWS) With a full array of Wall and Flood Lights, naturalLED® has a wide selection of double head bullet floodlights, bulkhead wall lights, and decorative wall sconces. Our floodlights and wall lights come in 10-watt and 220-watt to replace your existing incandescent up to 180-watt, saving up to 80% of energy. Super energy efficient and lasts up to 50,000+ hours average life. naturalLED® wall lights are an ideal lighting solution for security lights, both residential, commercial and many other outdoor applications.



Features & Benefits

- ▶ Energy Star Certified
- ▶ For Wet Locations
- ▶ Direct replacement and Instant on
- ▶ Contains no mercury or lead

Specifications

- ▶ Input line voltage: 120
- ▶ Powerfactor >0.9
- ▶ Beam Angle: 70° (Security Flood Light)
- ▶ Operating temperature: -22°F ~ 122°F

Applications









- ▶ Security Lighting
- ▶ Accent Lighting
- ▶ Residential Lighting
- ▶ Outdoor Lighting
- ▶ Wall Lighting

Optional Accessories

- ▶ Motion Sensor
For Security Flood Light

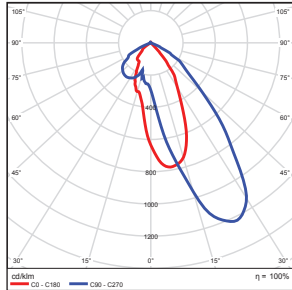


Ordering Information

Code	Description	CCT	Watt	Lumen	Equiv Wattage	Style	Beam Angle	Color	Rated Hrs		
	Security Flood Light										
7082	LED-FXBFD20/830/BK	3000K	20	1,400	180	Security	70	Black	50,000	•	•
7083	LED-FXBFD20/850/BK	5000K	20	1,400	180	Security	70	Black	50,000	•	•
7672	LED-FXBFD20/830/WH	3000K	20	1,400	180	Security	70	White	50,000	•	•
7673	LED-FXBFD20/850/WH	5000K	20	1,400	180	Security	70	White	50,000	•	•
	Security Flood Light w/Sensor										
7030	LED-FXBFD20/830/BK-SEN	3000K	20	1,400	180	Security	70	Black	50,000	•	•
7031	LED-FXBFD20/850/BK-SEN	5000K	20	1,400	180	Security	70	Black	50,000	•	•
7066	LED-FXBFD20/830/WH-SEN	3000K	20	1,400	180	Security	70	White	50,000	•	•
7067	LED-FXBFD20/850/WH-SEN	5000K	20	1,400	180	Security	70	White	50,000	•	•
	Security Flood Light w/Sensor										
7032	LED-FXSFD20/830/WH-SEN	3000K	20	1,400	180	Security	70	White	50,000	•	•
7033	LED-FXSFD20/850/WH-SEN	5000K	20	1,400	180	Security	70	White	50,000	•	•
	Bulkhead Wall Light										
7024	LED-FXBWL10/830/BK	3000K	10	900	90	Bulkhead	-	Black	50,000	•	•
7062	LED-FXBWL10/830/WH	3000K	10	900	90	Bulkhead	-	White	50,000	•	•
7025	LED-FXBWL10/850/BK	5000K	10	900	90	Bulkhead	-	Black	50,000	•	•
	Wall Sconce										
7026	LED-FXDWS10/830/BK	3000K	10	700	90	Wall Sconce	-	Black	50,000	•	•
7027	LED-FXDWS10/850/BK	5000K	10	700	90	Wall Sconce	-	Black	50,000	•	•
7064	LED-FXDWS20/830/BK	3000K	20	1,400	200	Wall Sconce	-	Black	50,000	•	•
7065	LED-FXDWS20/850/BK	5000K	20	1,400	200	Wall Sconce	-	Black	50,000	•	•
	Wall Sconce										
7068	LED-FXDWS10/830/WH	3000K	10	700	90	Wall Sconce	-	White	50,000	•	•
7069	LED-FXDWS10/850/WH	5000K	10	700	90	Wall Sconce	-	White	50,000	•	•
7070	LED-FXDWS20/830/WH	3000K	20	1,400	200	Wall Sconce	-	White	50,000	•	•
7071	LED-FXDWS20/850/WH	5000K	20	1,400	200	Wall Sconce	-	White	50,000	•	•

Photometric Data

BFD- Double Head Round



Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	540.68	39.80
0-40	834.24	61.40
0-60	1247.96	91.80
60-80	104.99	7.70
70-80	23.00	1.70
90-120	0.22	0.00
90-180	5.42	0.40
0-180	1359.13	100.00

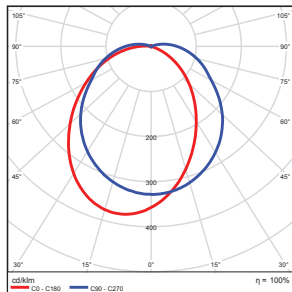
Total Luminaire Efficiency = 100.00%

Illuminance at a Distance

	Center Beam fc	Beam Width	
17.0ft	2.17 fc	6.8 ft	10.3 ft
34.0ft	0.54 fc	13.6 ft	20.5 ft
51.0ft	0.24 fc	20.5 ft	30.8 ft
68.0ft	0.14 fc	27.3 ft	41.1 ft
85.0ft	0.09 fc	34.1 ft	51.3 ft
102.0ft	0.06 fc	40.9 ft	61.6 ft

■ Vert. Spread: 22.7°
■ Horiz. Spread: 33.6°

SFD- Double Head Square



Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	389.09	26.20
0-40	626.32	42.10
0-60	1073.98	72.20
60-80	285.45	19.20
70-80	119.50	8.00
90-120	51.68	3.50
90-180	52.01	3.50
0-180	1487.18	100.00

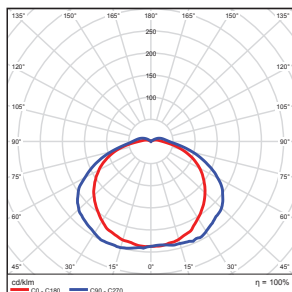
Total Luminaire Efficiency = 100.00%

Illuminance at a Distance

	Center Beam fc	Beam Width	
17.0ft	1.79 fc	32.4 ft	47.8 ft
34.0ft	0.45 fc	64.8 ft	95.6 ft
51.0ft	0.20 fc	97.2 ft	143.4 ft
68.0ft	0.11 fc	129.6 ft	191.1 ft
85.0ft	0.07 fc	161.9 ft	238.9 ft
102.0ft	0.05 fc	194.3 ft	286.7 ft

■ Vert. Spread: 87.2°
■ Horiz. Spread: 109.1°

BWL- Bulkhead



Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	164.56	21.20
0-40	278.65	35.90
0-60	532.60	68.50
60-80	174.03	22.40
70-80	68.71	8.80
90-120	34.68	4.50
90-180	35.43	4.60
0-180	777.12	100.00

Total Luminaire Efficiency = 100.00%

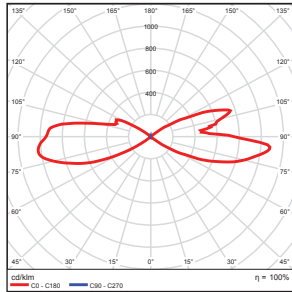
Illuminance at a Distance

	Center Beam fc	Beam Width	
17.0ft	0.69 fc	62.4 ft	81.3 ft
34.0ft	0.17 fc	124.8 ft	162.7 ft
51.0ft	0.08 fc	187.3 ft	244.0 ft
68.0ft	0.04 fc	249.7 ft	325.4 ft
85.0ft	0.03 fc	312.1 ft	406.7 ft
102.0ft	0.02 fc	374.5 ft	488.1 ft

■ Vert. Spread: 122.8°
■ Horiz. Spread: 134.6°

Photometric Data

DWS - Wall Sconce



Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	2.42	0.40
0-40	2.81	0.50
0-60	16.07	2.60
0-80	218.99	35.10
60-80	202.92	32.60
70-80	137.41	22.00
90-120	222.66	35.70
90-180	233.72	37.50
0-180	623.27	100.00

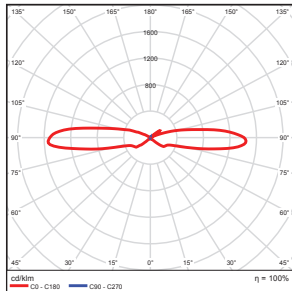
Total Luminaire Efficiency = 100.00%

Illuminance at a Distance

	Center Beam fc		Beam Width	
	Center Beam fc	Beam Width	Center Beam fc	Beam Width
17.0ft	0.02 fc	7.9 ft	12.8 ft	
34.0ft	0.00 fc	15.8 ft	25.5 ft	
51.0ft	0.00 fc	23.8 ft	38.3 ft	
68.0ft	0.00 fc	31.7 ft	51.1 ft	
85.0ft	0.00 fc	39.6 ft	63.8 ft	
102.0ft	0.00 fc	47.5 ft	76.6 ft	

■ Vert. Spread: 26.2°
■ Horiz. Spread: 41.2°

DWS - Wall Sconce (20 Watt)



Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	5.08	0.50
0-40	6.81	0.60
0-60	67.64	6.20
0-80	342.38	31.40
60-80	274.73	25.20
70-80	169.30	15.50
90-120	429.62	39.40
90-180	452.25	41.50
0-180	1089.22	100.00

Total Luminaire Efficiency = 100.00%

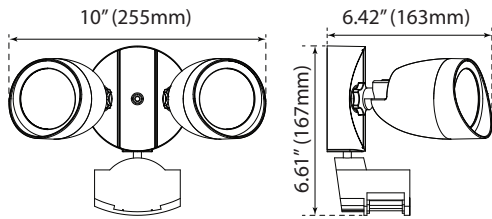
Illuminance at a Distance

	Center Beam fc		Beam Width	
	Center Beam fc	Beam Width	Center Beam fc	Beam Width
17.0ft	0.04 fc	7.0 ft	8.5 ft	
34.0ft	0.01 fc	14.0 ft	17.1 ft	
51.0ft	0.00 fc	21.1 ft	25.6 ft	
68.0ft	0.00 fc	28.1 ft	34.2 ft	
85.0ft	0.00 fc	35.1 ft	42.7 ft	
102.0ft	0.00 fc	42.1 ft	51.3 ft	

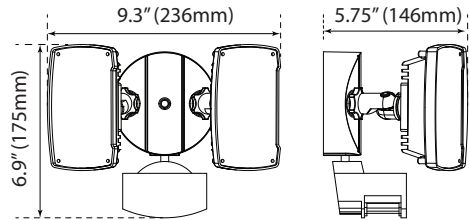
■ Vert. Spread: 23.3°
■ Horiz. Spread: 28.2°

Product Dimensions

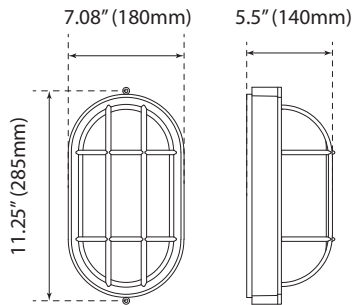
FXBFD Weight: 2.43-lbs



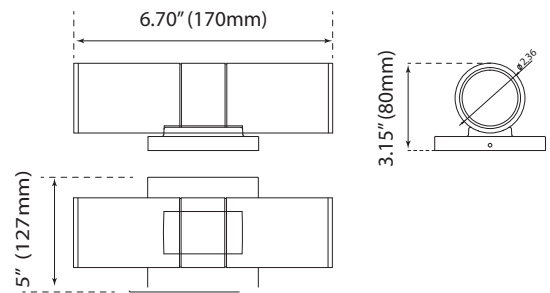
FXSFD Weight: 1.76-lbs



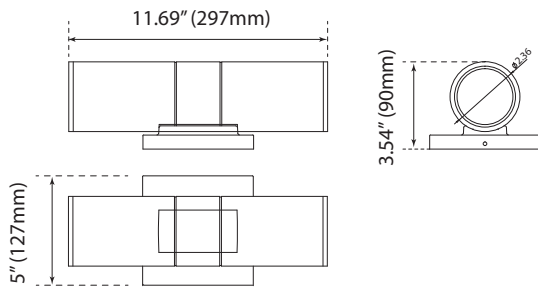
FXBWL Weight: 3.53-lbs



FXDWS -10Watt Weight: 1.54-lbs



FXDWS -20Watt Weight: 2.43-lbs



Package

