

Series Spec Sheet

FLB

LED FLOOD LIGHT GEN 4

Quick and Easy Mounting accessories (Sold separately)

Selectable color temperature (3 000/4 000/5 000 K)¹

Power Selectable¹

This versatile family of highly efficient and powerful LED flood lights features a wide range of lumen packages, external selectable power switches on certain configurations and multiple color temperature options as well as various mounting options. Finished in bronze, with its modern design, each luminaire is compatible with various universal mountings which allow for wall, ground and pole mount. Typical applications include general lighting of grounds, storage yards, car dealerships, parking areas as well as flood lighting of signs and building facades.

FEATURES AND SPECIFICATIONS

• Construction

Physical Characteristics

- This luminaire is made of aluminum die-cast housing
- Standard powder coat finish color is textured bronze
- Aluminum heat sink for a better heat dissipation
- 3.5" cable standard in all configurations

Mounting

Universal mounting system allowing the following mountings to be easily installed:

- Yoke
- Trunnion
- Slipfitter
- Slipfitter with wall mount adapter

Lens

- Outfitted with a clear polycarbonate lens that is UV resistant
- Offered in a NEMA 7Hx6V or 7Hx7V depending of the power of the configuration

• Performance data

- Drivers 120-277 V and 347-480 V
- 0-10 V dimming standard
- 10 kV surge protection standard
- Color temperatures: 3 000/4 000/5 000 K, 4 000 K and 5 000 K
- Estimated lifespan of 60 000 hours to L70
- Ambient temperature: -40 to 40 °C

• Compliances

- IP65
- Wet location
- IK08
- Meets requirements of ICES-005 issue 5 for class B products
- cULus

OVERVIEW

| | |
|-----------------------|--|
| Light source | LED |
| Watts (W) | 100, 150, 230, 300, 400 50/80/100/150 |
| Lumen output (lm) | 6 800 - 58 148 |
| Efficacy (lm/W) | 125 - 149 |
| Color temperature (K) | 3 000/4 000/5 000 4 000, 5 000 |
| CRI | 70 |

¹ Selectable color temperature and power selectable are available on some configurations. Consult the Quick ship and technical specification table for more details.

² See below for ordering codes.



FLOOD LUMINAIRES
Single Power and Single CCT



FLOOD LUMINAIRES
Power and CCT Selectable



FLOOD/AREA LIGHT MOUNTING ACCESSORIES
(sold separately²)



Not all products are qualified on the DLC QPL. To view our DLC qualified products, please consult the DLC Qualified Products List at www.designlights.org/search.

QUICK SHIP AND TECHNICAL SPECIFICATION TABLE 

SINGLE POWER AND SINGLE CCT

| Order code | Model number | DLC unique ID | Watts | Volts | Lumen output | Efficacy | CRI | Life L70 | Distrib. type | BUG | EPA | LED current | Finish | Dimming | Power factor | THD | Traditional equivalent (W) | | Master case qty |
|----------------------------|-------------------|---------------|-------|---------|-------------------|----------|--------------------|--------------------|---------------|----------|------|-------------|--------|---------|--------------|-------|----------------------------|----------|-----------------|
| | | | (W) | (V AC) | (lm) ³ | (lm/W) | (hrs) ⁴ | (ft ²) | (mA) | (Yes/No) | (%) | MH | HPS | | | | | | |
| 4 000 K¹ | | | | | | | | | | | | | | | | | | | |
| 68548 | FLBS-L1AM-I-4K-BR | PQCB8TK6 | 102 | 347-480 | 13 753 | 135 | 70 | >60000 | 7Hx6V | B3-U0-G2 | 0.53 | 0.5 | Bronze | Yes | 0.907 | 12.82 | 250-400 | 250-400 | 1 |
| 68549 | FLBS-L2AM-W-4K-BR | P30SB6WJ | 151 | 120-277 | 21 316 | 141 | 70 | >60000 | 7Hx6V | B4-U0-G3 | 0.53 | 1.412-0.601 | Bronze | Yes | 0.995 | 5.14 | 400-1000 | 400-1000 | 1 |
| 68554 | FLBL-L4AM-I-4K-BR | PXYUCEI5 | 283 | 347-480 | 40 569 | 144 | 70 | >60000 | 7Hx6V | B5-U0-G3 | 0.63 | 1.5 | Bronze | Yes | 0.905 | 16.26 | 400-1000 | 1000 | 1 |
| 68556 | FLBX-L5AM-I-4K-BR | PDZC6KLG | 400 | 347-480 | 57 654 | 144 | 70 | >60000 | 7Hx7V | B5-U0-G4 | 0.71 | 2.09 | Bronze | Yes | 0.955 | 7.56 | 1000 | 1000 | 1 |
| 5 000 K¹ | | | | | | | | | | | | | | | | | | | |
| 68557 | FLBS-L1AM-W-5K-BR | PCL27879 | 100 | 120-277 | 13 255 | 133 | 70 | >60000 | 7Hx6V | B3-U0-G2 | 0.53 | 0.87-0.38 | Bronze | Yes | 0.997 | 5.34 | 250-400 | 250-400 | 1 |
| 68558 | FLBS-L1AM-I-5K-BR | PXI8KGO8 | 102 | 347-480 | 13 889 | 136 | 70 | >60000 | 7Hx6V | B3-U0-G2 | 0.53 | 0.5 | Bronze | Yes | 0.907 | 12.82 | 250-400 | 250-400 | 1 |
| 68559 | FLBS-L2AM-W-5K-BR | P7UW1HGQ | 151 | 120-277 | 21 518 | 142 | 70 | >60000 | 7Hx6V | B4-U0-G3 | 0.53 | 1.412-0.601 | Bronze | Yes | 0.995 | 5.14 | 400-1000 | 400-1000 | 1 |
| 68560 | FLBS-L2AM-I-5K-BR | PRNTEMC2 | 151 | 347-480 | 20 846 | 138 | 70 | >60000 | 7Hx6V | B4-U0-G3 | 0.53 | 0.8 | Bronze | Yes | 0.934 | 10.49 | 400-1000 | 400-1000 | 1 |
| 68562 | FLBM-L3AM-I-5K-BR | PHYCSFEG | 230 | 347-480 | 32 239 | 140 | 70 | >60000 | 7Hx7V | B5-U0-G3 | 0.58 | 1.8 | Bronze | Yes | 0.922 | 12.53 | 400-1000 | 400-1000 | 1 |
| 68564 | FLBL-L4AM-I-5K-BR | PUARX5NS | 283 | 347-480 | 40 945 | 145 | 70 | >60000 | 7Hx6V | B5-U0-G3 | 0.63 | 1.5 | Bronze | Yes | 0.905 | 16.26 | 400-1000 | 1000 | 1 |
| 68566 | FLBX-L5AM-I-5K-BR | PS3NPT7H | 400 | 347-480 | 58 148 | 145 | 70 | >60000 | 7Hx7V | B5-U0-G4 | 0.71 | 2.09 | Bronze | Yes | 0.955 | 7.56 | 1000 | 1000 | 1 |

POWER AND CCT SELECTABLE

| Order code | Model number | DLC unique ID | Watts | Volts | Lumen output | Efficacy | CRI | Life L70 | Distrib. type | BUG | EPA | LED current | Finish | Dimming | Power factor | THD | Traditional equivalent (W) | | Master case qty |
|--|---------------------|---------------|---------------------------|---------|---|----------|--------------------|--------------------|---------------|----------|------|-------------|--------|---------|--------------|------|----------------------------|---------|-----------------|
| | | | (W) | (V AC) | (lm) ³ | (lm/W) | (hrs) ⁴ | (ft ²) | (mA) | (Yes/No) | (%) | MH | HPS | | | | | | |
| 3 000/4 000/5 000 K¹ | | | | | | | | | | | | | | | | | | | |
| 68567 | FLBM-PS150M-W-3C-BR | PL20NY2KV349 | 50/ 80/ 100/ 150 | 120-277 | 6 950/ 11 200/ 13 500/ 18 900 ⁴ | 125 | 70 | >54000 | 7Hx7V | B4-U0-G1 | 0.53 | 1.411-0.595 | Bronze | Yes | 0.995 | 5.73 | 175-400 | 150-400 | 1 |

¹ Typical color temperature range: +/- 5 %.

² Lumen values are derived from photometric testing. Initial lumens range: +/- 10 %.

³ Lumen values are based on 4 000 K default programming. Please refer to the LUMEN SPECIFICATION TABLE for more details on other color temperatures.

⁴ Life hours are derived from IESNA LM-80 testing report and projected per IESNA TM-21 extrapolations.

Data is based upon tests performed in a controlled environment. Actual performance can vary depending on operating conditions. All products are subject to change or may be discontinued any time without notice. Please contact your Stanpro customer service representative to confirm inventory levels at time of order.

ACCESSORIES (order separately)

| Order code | Description | Weight (lbs) |
|------------|--|--------------|
| 68569 | Bronze Yoke for FLBS-FLBM | 1.65 |
| 68571 | Bronze Slipfitter | 2.65 |
| 68573 | Bronze Trunnion | 2.43 |
| 68717 | Bronze Slipfitter and Wall mount adapter | 4.41 |

TECHNICAL SPECIFICATION TABLE

| Order code | Model number | Watts (W) | Volts (V) | 3 000 K | | 4 000 K | | 5 000 K | | CRI | Distribution type |
|---------------------------------|---------------------|-----------|-----------|------------|-----------------|------------|-----------------|------------|-----------------|-----|-------------------|
| | | | | Lumen (lm) | Efficacy (lm/W) | Lumen (lm) | Efficacy (lm/W) | Lumen (lm) | Efficacy (lm/W) | | |
| Power and CCT Selectable | | | | | | | | | | | |
| 68567 | FLBM-PS150M-W-3C-BR | 50 | 120-277 | 6 800 | 136 | 6 950 | 139 | 7 510 | 150 | 70 | 7Hx7V |
| | | 80 | 120-277 | 11 000 | 138 | 11 200 | 140 | 11 500 | 144 | 70 | 7Hx7V |
| | | 100 | 120-277 | 13 200 | 132 | 13 500 | 135 | 14 000 | 140 | 70 | 7Hx7V |
| | | 150 | 120-277 | 18 700 | 125 | 18 900 | 126 | 19 200 | 128 | 70 | 7Hx7V |

POWER AND CCT SELECTABLE SWITCHES

68567



CCT SELECTABLE
3 000/4 000/5 000 K

POWER SELECTABLE
50/80/100/150 W

EPA

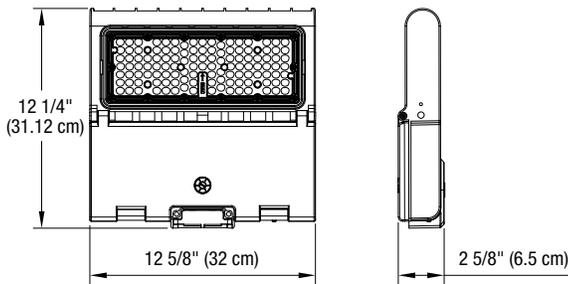
| Watts (W) | | | | | |
|-----------|------|------|------|------|------|
| 100-150 | 0.53 | 0.84 | 1.08 | 1.23 | 1.51 |
| 150 | 1.36 | 2.15 | 2.51 | 3.15 | 3.57 |
| 230 | 1.58 | 2.49 | 2.88 | 3.65 | 4.1 |
| 300 | 1.86 | 2.92 | 3.37 | 4.25 | 4.81 |
| 400 | 2.27 | 3.47 | 4.07 | 5.14 | 5.81 |

Based on 60° tilt with Slipfitter.

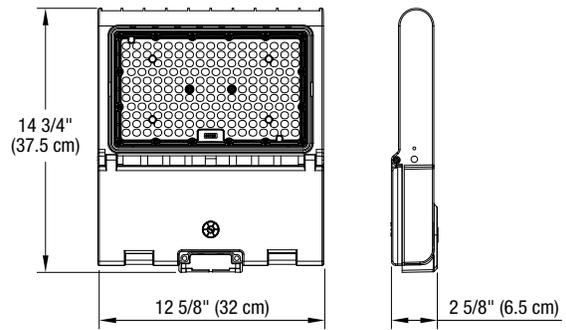
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DIMENSIONS AND WEIGHTS

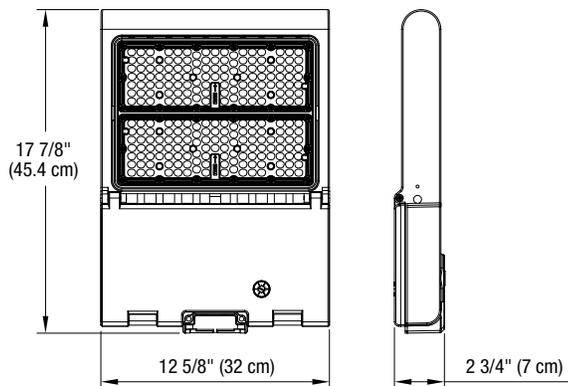
100, 150 W



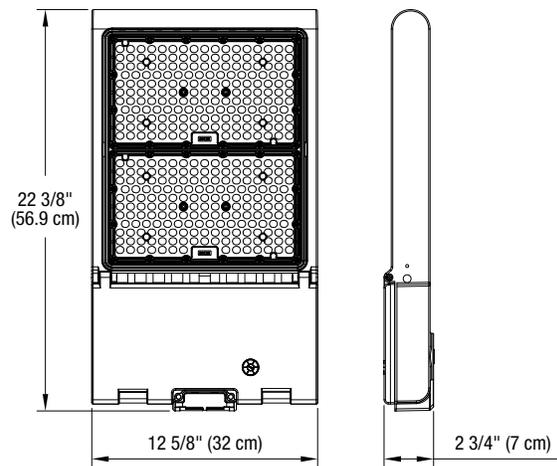
230 W & 68567



300 W



400 W

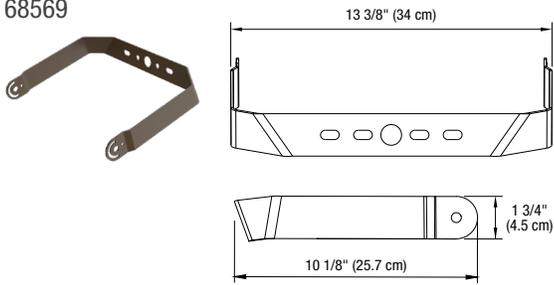


| | 100 W | 150 W | 230 W | 300 W | 400 W |
|--------------|-------|-------|-------|-------|-------|
| Weight (lbs) | 8.82 | 9.26 | 11.24 | 15.21 | 18.30 |

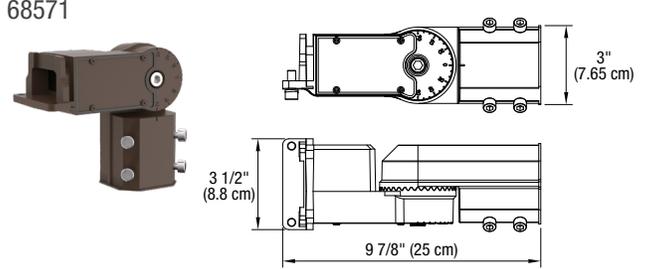
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DIMENSIONS

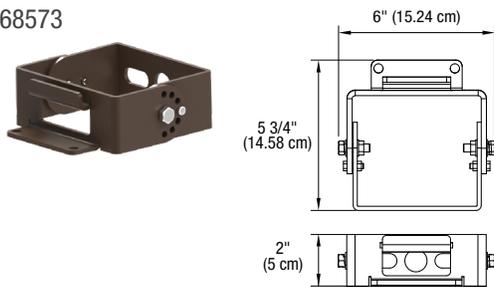
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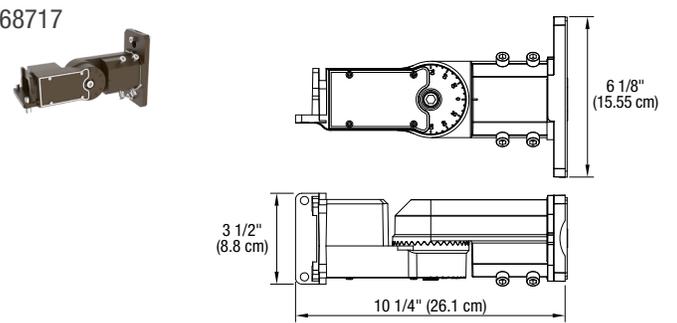
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68573



68717

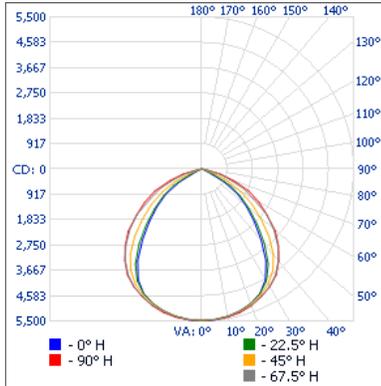


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PHOTOMETRIC DATA¹

68547 • FLBS-L1AM-W-40K-BR • 13 106.6 lm

Polar candela distribution



Zonal lumen summary

| Zone | Lumens | % Fixture |
|--------|----------|-----------|
| 0-30 | 4 340.8 | 33.1% |
| 0-40 | 7 088.6 | 54.1% |
| 0-60 | 11 683.8 | 89.1% |
| 60-90 | 1 422.9 | 10.9% |
| 70-100 | 350.6 | 2.7% |
| 90-120 | 0 | 0% |
| 0-90 | 13 106.6 | 100% |
| 90-180 | 0 | 0% |
| 0-180 | 13 106.6 | 100% |

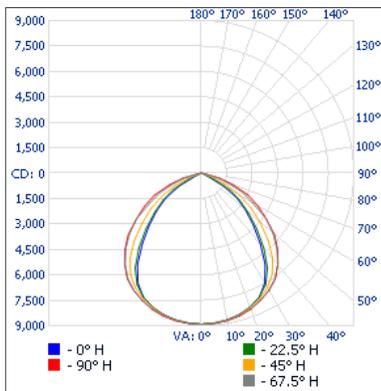
Illuminance at a distance

| Center beam fc | Beam width | |
|----------------|------------|---------------|
| 17' | 19.0 fc | 33.5' 51.0' |
| 34' | 4.75 fc | 67.0' 102.0' |
| 51' | 2.11 fc | 100.4' 153.0' |
| 68' | 1.19 fc | 133.9' 204.0' |
| 85' | 0.76 fc | 167.4' 254.9' |
| 102' | 0.53 fc | 200.9' 305.9' |

■ Vert. spread: 89.1°
■ Horiz. spread: 112.6°

68549 • FLBS-L2AM-W-40K-BR • 21 282.9 lm

Polar candela distribution



Zonal lumen summary

| Zone | Lumens | % Fixture |
|--------|----------|-----------|
| 0-30 | 7 048.8 | 33.1% |
| 0-40 | 11 510.7 | 54.1% |
| 0-60 | 18 972.4 | 89.1% |
| 60-90 | 2 310.5 | 10.9% |
| 70-100 | 569.3 | 2.7% |
| 90-120 | 0 | 0% |
| 0-90 | 21 282.9 | 100% |
| 90-180 | 0 | 0% |
| 0-180 | 21 282.9 | 100% |

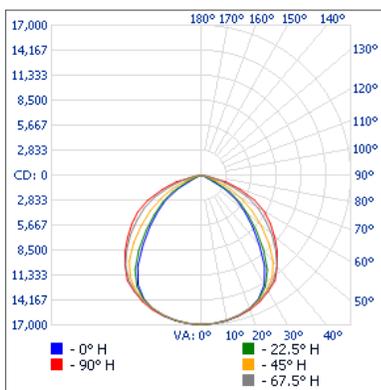
Illuminance at a distance

| Center beam fc | Beam width | |
|----------------|------------|---------------|
| 17' | 30.8 fc | 33.5' 51.0' |
| 34' | 7.71 fc | 67.0' 102.0' |
| 51' | 3.43 fc | 100.4' 153.0' |
| 68' | 1.93 fc | 133.9' 204.0' |
| 85' | 1.23 fc | 167.4' 254.9' |
| 102' | 0.86 fc | 200.9' 305.9' |

■ Vert. spread: 89.1°
■ Horiz. spread: 112.6°

68553 • FLBL-L4AM-W-40K-BR • 41 646.9 lm

Polar candela distribution



Zonal lumen summary

| Zone | Lumens | % Fixture |
|--------|----------|-----------|
| 0-30 | 13 429.8 | 32.2% |
| 0-40 | 21 982.5 | 52.8% |
| 0-60 | 36 445.3 | 87.5% |
| 60-90 | 5 201.6 | 12.5% |
| 70-100 | 1 453.8 | 3.5% |
| 90-120 | 0 | 0% |
| 0-90 | 41 646.9 | 100% |
| 90-180 | 0 | 0% |
| 0-180 | 41 646.9 | 100% |

Illuminance at a distance

| Center beam fc | Beam width | |
|----------------|------------|---------------|
| 17' | 58.6 fc | 33.4' 57.5' |
| 34' | 14.7 fc | 66.8' 114.9' |
| 51' | 6.51 fc | 100.2' 172.4' |
| 68' | 3.66 fc | 133.6' 229.9' |
| 85' | 2.34 fc | 167.0' 287.4' |
| 102' | 1.63 fc | 200.4' 344.8' |

■ Vert. spread: 89.0°
■ Horiz. spread: 118.8°

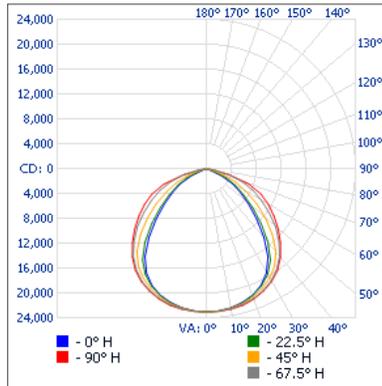
¹ Complete IES files available on our website.

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PHOTOMETRIC DATA¹

68555 • FLBX-L5AM-W-40K-BR • 57 917.4 lm

Polar candela distribution



Zonal lumen summary

| Zone | Lumens | % Fixture |
|--------|----------|-----------|
| 0-30 | 18 307.5 | 31.6% |
| 0-40 | 30 011.4 | 51.8% |
| 0-60 | 50 035.4 | 86.4% |
| 60-90 | 7 882.0 | 13.6% |
| 70-100 | 2 227.9 | 3.8% |
| 90-120 | 0 | 0% |
| 0-90 | 57 917.4 | 100% |
| 90-180 | 0 | 0% |
| 0-180 | 57 917.4 | 100% |

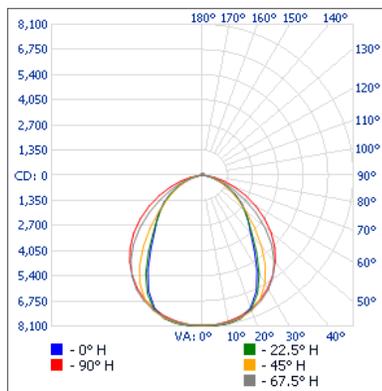
Illuminance at a distance

| Center beam fc | | Beam width | |
|----------------|---------|------------|--------|
| 17' | 79.8 fc | 33.8' | 58.9' |
| 34' | 19.9 fc | 67.6' | 117.8' |
| 51' | 8.86 fc | 101.4' | 176.8' |
| 68' | 4.98 fc | 135.2' | 235.7' |
| 85' | 3.19 fc | 169.0' | 294.6' |
| 102' | 2.22 fc | 202.8' | 353.5' |

■ Vert. spread: 89.7°
■ Horiz. spread: 120.0°

68567 • FLBM-PS150M-W-3C-BR • 18 869.2 lm

Polar candela distribution



Zonal lumen summary

| Zone | Lumens | % Fixture |
|--------|----------|-----------|
| 0-30 | 6 297.7 | 33.4% |
| 0-40 | 9 923.4 | 52.6% |
| 0-60 | 15 837.6 | 83.9% |
| 60-90 | 2 694.2 | 14.3% |
| 70-100 | 1 025.0 | 5.4% |
| 90-120 | 87.3 | 0.5% |
| 0-90 | 18 531.9 | 98.2% |
| 90-180 | 337.3 | 1.8% |
| 0-180 | 18 869.2 | 100% |

Illuminance at a distance

| Center beam fc | | Beam width | |
|----------------|---------|------------|--------|
| 17' | 27.9 fc | 28.4' | 47.5' |
| 34' | 6.98 fc | 56.8' | 95.1' |
| 51' | 3.10 fc | 85.2' | 142.6' |
| 68' | 1.75 fc | 113.6' | 190.1' |
| 85' | 1.12 fc | 142.1' | 237.7' |
| 102' | 0.78 fc | 170.5' | 285.2' |

■ Vert. spread: 79.8°
■ Horiz. spread: 108.9°

¹ Complete IES files available on our website.

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