LED **Wall Packs**
& **Floodlights**

EL **ELCO** Lighting
The Best Choice in Lighting

Introducing ELCO's LED Wall Packs

ELCO Lighting's LED Wall Packs, Photocell Wall Mounts, Canopy Lighting and Floodlights are designed to enhance security and safety for building exteriors, parking garages, walkways and other outdoor locations. Constructed of heavy-duty materials and utilizing the most energy efficient LED platforms, ELCO LED Wall Packs will deliver years of dependable service while maintaining their rugged good looks.

Medium Wall Pack

Die-cast aluminum housing with dark bronze powder coated finish.

Medium LED Wall Packs feature traditional design with medium lumen output and energy efficient performance. Heavy-duty, die-cast aluminum construction ensures long lasting functionality even under harsh weather conditions. High quality polycarbonate lens guards against ultra-violet damage and environmental contamination. DLC qualified. For applications requiring 4,450 to 6,800 lumens.
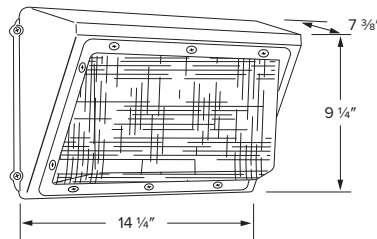
Non-Dimmable

EWP45M40	**EWP70M40**
4450 lm	6700 lm
4000K	4000K
45W	70W

EWP45M50	**EWP70M50**
4500 lm	6800 lm
5000K	5000K
45W	70W

Dimmable

EWP45M40D	**EWP70M40D**
4450 lm	6700 lm
4000K	4000K
45W	70W

EWP45M50D	**EWP70M50D**
4500 lm	6800 lm
5000K	5000K
45W	70W

INPUT VOLTAGE 120/277V AC

WATTAGE 45W (100W Metal Halide Equivalent), 70W (150W Metal Halide Equivalent)

CRI 80+

LIFE SPAN 50,000 Hours L70

DIMMABLE Optional (0-10V)

WET LOCATION UL Listed

QUALIFIED DLC

LENS Shatterproof polycarbonate

KNOCKOUTS On the sides and top for surface conduit supply or photocell connection

DRIVER High efficiency (HPF), Class 2

POWER FACTOR 0.9

LM-80 Certified

FINISH Dark Bronze

MOUNT Jbox or Direct wall mount (surface run conduit)

PHOTOMETRICS Page 7

Product Number Builder

ELCO	Wall Pack	Wattage	Medium	Color Temp	Optional
E	WP		M		
		45 45W		**40** 4000K	**D** Dimmable
		70 70W		**50** 5000K	

Add-on Accessory

—	
EWPMSH Shield	

EWPPHBU	Button Photocell (120/277V)
EWPPHSU	Swivel Photocell (120/277V)
EWMSU	Motion Detector (120/277V)
EWMSDU	Dimmable Motion Detector (120/277V)

Example: **EWP45M40-EWPMSH** [ELCO Wall Pack, 45 Watts, Medium, 4000K, with Shield]

Large Wall Pack

Die-cast aluminum housing with dark bronze powder coated finish.

Large LED Wall Packs feature traditional design with high lumen output and energy efficient performance. Heavy-duty, die-cast aluminum construction ensures long lasting functionality even under harsh weather conditions. High quality polycarbonate lens guards against ultra-violet damage and environmental contamination. DLC qualified. For applications requiring 8,900 to 13,000 lumens.

Non-Dimmable

EWP90L40	**EWP135L40**
8900 lm	12850 lm
4000K	4000K
90W	135W

EWP90L50	**EWP135L50**
9000 lm	13000 lm
5000K	5000K
90W	135W

Dimmable

EWP90L40D	**EWP135L40D**
8900 lm	12850 lm
4000K	4000K
90W	135W

EWP90L50D	**EWP135L50D**
9000 lm	13000 lm
5000K	5000K
90W	135W

INPUT VOLTAGE 120/277V AC

WATTAGE 90W (250W Metal Halide Equivalent), 135W (400W Metal Halide Equivalent)

CRI 80+

LIFE SPAN 50,000 Hours L70

DIMMABLE Optional (0-10V)

WET LOCATION UL Listed

QUALIFIED DLC

LENS Shatterproof polycarbonate

KNOCKOUTS On the sides and top for surface conduit supply or photocell connection

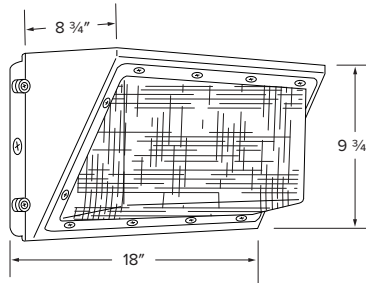**DRIVER** High efficiency (HPF), Class 2

POWER FACTOR 0.9

LM-80 Certified

FINISH Dark Bronze

MOUNT Jbox or Direct wall mount (surface run conduit)

PHOTOMETRICS Page 7

Product Number Builder

ELCO	Wall Pack	Wattage	Large	Color Temp	Optional
E	WP		L		

90 90W
135 135W

40 4000K
50 5000K

D Dimmable

–

EWPLSH Shield

Add-on Accessory

EWPPHBU	Button Photocell (120/277V)
EWPPHSU	Swivel Photocell (120/277V)
EWMSU	Motion Detector (120/277V)
EWMSDU	Dimmable Motion Detector (120/277V)

Example: **EWP90L40-EWPLSH** [ELCO Wall Pack, 90 Watts, Large, 4000K, with Shield]

Accessories

for Wall Packs

EWPMSH (Medium) - EWPLSH (Large)

Wall Pack Shield

Cut-off shield is used on outdoor wall packs to direct light downward, reduce light pollution and reduce glare.

EWPPHBU (120/277V) - EWPPHB1 (120V)

Button Photocell

Fixed-position photocell allows the luminaire to automatically be lit in the absence of daylight. Works with 120/277V or 120V. For automatic dusk to dawn lighting.

EWPPHSU (120/277V)

Swivel Photocell

Swivel photocell allows the luminaire to be lit in the absence of daylight with directional specification. Works with 120/277V. For automatic dusk to dawn lighting.

EWMSU (120/277V)

Motion Detector

Motion Detector allows the luminaire to be lit when there is an absence of daylight and an area is occupied. Works with 120/277V.

EWMSDU (120/277V)

Dimmable Motion Detector

Dimmable motion detector switches luminaire to preset dim levels in the absence of daylight and illuminates fully when an area is occupied. The luminaire stays lit for a set period of time. Keeps luminaire within the T24 regulations while keeping an area lit constantly in the absence of daylight. Works with 120/277V. To be used with dimmable luminairs only.

Can be used for

T24

California title 24
High Efficacy
Compliance

California Title 24 outdoor lighting code require outdoor wall mounted luminaires rated greater than 30 watts and mounted 24 feet high or less to be installed with a motion detector to only illuminate an area when it is occupied (see ELCO Motion Detector EWMS1). To keep an area continuously lit in the absence of daylight and occupants, the lighting must be dimmed from 10 to 60 percent during this time (see ELCO Dimmable Motion Detector EWMSD1). If an outdoor luminaire rated greater than 30 watts is mounted above 24 feet, only a photocell is required to automatically light the area only in the absence of daylight (see ELCO Photocells EWPPHBU or EWPPHSU).
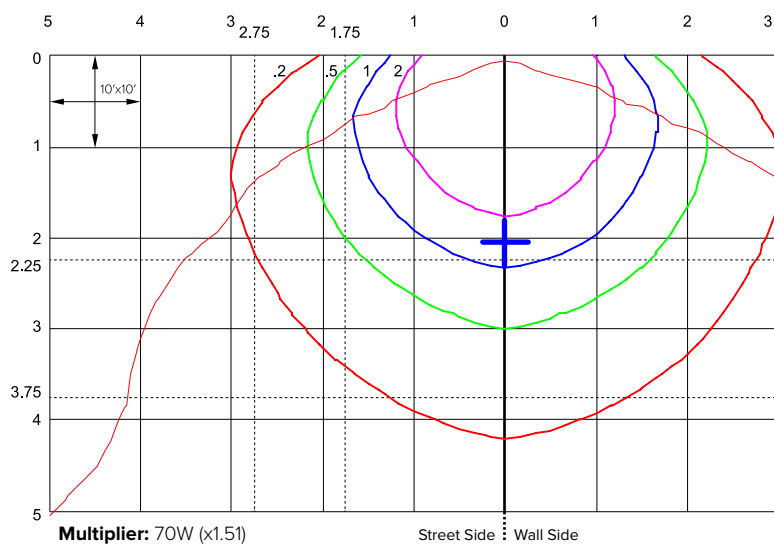
Medium Wall Pack

PHOTOMETRIC REPORT

Distance In Units Of Mounting Height
Values Based On 10 Foot Mounting Height
1/2 Maximum Candela Trace Shown As Dashed Curve
(+) = Maximum Candela Point

Product #: EWP45M50
Luminaire LPW: 100 lm/W
ISOFOOTCANDLE LINES OF
HORIZONTAL ILLUMINANCE

Footcandle Legend:

.5 fc   1 fc   2 fc

Multiplier: 70W (x1.51)   Street Side ⋮ Wall Side

Large Wall Pack

PHOTOMETRIC REPORT

Distance In Units Of Mounting Height
Values Based On 10 Foot Mounting Height
1/2 Maximum Candela Trace Shown As Dashed Curve
(+) = Maximum Candela Point

Product #: EWP90L50
Luminaire LPW: 100 lm/W
ISOFOOTCANDLE LINES OF
HORIZONTAL ILLUMINANCE

Footcandle Legend:

.5 fc   1 fc   2 fc

Multiplier: 135W (x1.44)   Street Side ⋮ Wall Side
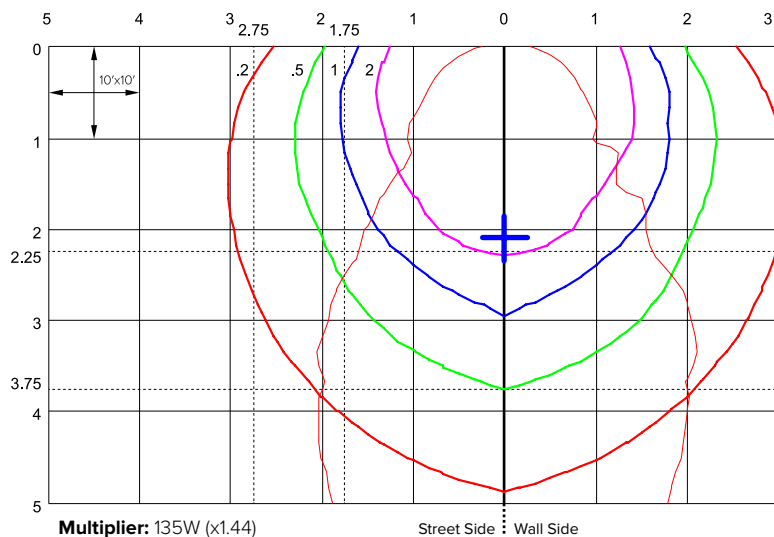
Adjustable Wall Pack with Photocell

Die-cast aluminum housing with dark bronze powder coated finish and adjustable head.

Adjustable LED Wall Packs feature full cut-off design and a tilt mechanism to aim light precisely, minimizing glare, backlight and light spillover. These durable, energy-saving fixtures are perfect for lighting outdoor walkways, landscapes, parking areas, schools, hospitals, hotels, offices, and building exteriors. DLC qualified. For applications requiring 2000, 3000 or 4500 lumens.

120V

EWP20C50
2000 lm
5000K
20W

EWP30C50
3000 lm
5000K
30W

EWP40C50
4500 lm
5000K
40W

120/277V

EWP20C50U
2000 lm
5000K
20W

EWP30C50U
3000 lm
5000K
30W

EWP40C50U
4500 lm
5000K
40W

INPUT VOLTAGE 120V AC or 120/277V AC

WATTAGE 20W (50W HID Equivalent) 30W (75W HID Equivalent) 40W (100W HID Equivalent)

CRI 80+

LIFE SPAN 50,000 Hours L70

WET LOCATION UL Listed

QUALIFIED DLC

LENS Clear glass

KNOCKOUTS Side & back access

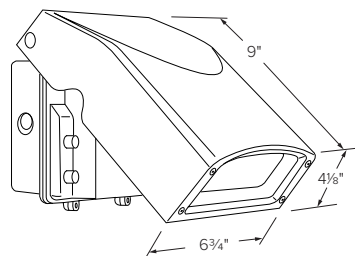**DRIVER** High efficiency (HPF), Class 2

POWER FACTOR 0.9

LM-80 Certified

FINISH Dark Bronze

MOUNT Jbox or wall mount

PHOTOMETRICS Page 11

Product Number Builder

ELCO	Wall Pack	Wattage	Cut-off	Color Temp	Voltage
E	**WP**		**C**		

20 20W
30 30W
40 40W

50 5000K

(blank) 120V
U 120/277V

Add-on Accessory

EWMSU Motion Detector

Example: **EWP20C50-EWMSU** [ELCO Wall Pack, 20 Watts, Cutt-off, 5000K, with Motion Detector

Wall Mount with Photocell

Die-cast aluminum housing with dark bronze powder coated finish.

LED Wall Mount Fixture is designed for safety and security in residential, stairway, storage and perimeter lighting applications. Features a photocell and a powerful LED array for maximum energy efficiency. Die-cast aluminum construction, powder coat finish and a polycarbonate lens combine to make this a beautiful yet durable lighting fixture.

....

120V

EWM17W30	EWM25W30
1600 lm	2000 lm
3000K	3000K
17W	25W

EWM17W40	EWM25W40
1650 lm	2100 lm
4000K	4000K
17W	25W

120/277V

EWM17W30U	EWM25W30U
1600 lm	2000 lm
3000K	3000K
17W	25W

EWM17W40U	EWM25W40U
1650 lm	2100 lm
4000K	4000K
17W	25W

INPUT VOLTAGE 120V AC or 120/277V AC

WATTAGE 17W (120W Incandescent Equivalent), 25W (50W HID Equivalent)

CRI 80+

LIFE SPAN 50,000 Hours L70

WET LOCATION UL Listed

QUALIFIED DLC

LENS Shatterproof polycarbonate

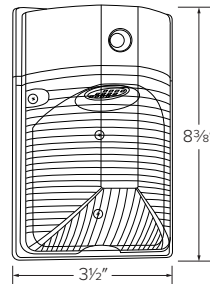**KNOCKOUTS** Side & back access

DRIVER High efficiency (HPF), Class 2

POWER FACTOR 0.9

LM-80 Certified

FINISH Dark Bronze

MOUNT Jbox or wall mount

PHOTOMETRICS Page 11

8⅜"

3½"

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Product Number Builder

ELCO	Wall Mount	Wattage	Wall	Color Temp	Voltage
E	**WM**		**W**		
		17 17W		**30** 3000K	(blank) 120V
		25 25W		**40** 4000K	**U** 120/277V

Example: **EWM17W30U** [ELCO Wall Mount, 17 Watts, 3000K, 120/277V]

Canopy

Low Profile LED Canopy fixture is ideal for illuminating garages, entryways, parking areas, gas stations and more. Enhances security for apartment complexes, businesses and any type of commercial or residential building. Features CREE LEDs and polycarbonate lens. Constructed of die-cast aluminum which yields long lasting utility.

....

Dimmable

ECP45M40
4000 lm
4000K
45W

ECP70M40
5700 lm
4000K
70W

ECP45M50
4150 lm
5000K
45W

ECP70M50
5900 lm
5000K
70W

INPUT VOLTAGE 120V/277V AC

WATTAGE 45W (100W Metal Halide Equivalent), 70W (175W Metal Halide Equivalent)

CRI 80+

LIFE SPAN 50,000 Hours L70

DIMMABLE 0-10V

WET LOCATION UL Listed

QUALIFIED DLC

LENS Polycarbonate

KNOCKOUTS Sides and back access
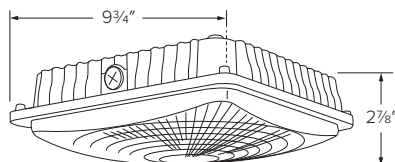
DRIVER High efficiency (HPF), Class 2

POWER FACTOR 0.9

LM-80 Certified

FINISH Dark Bronze

MOUNT Jbox or wall mount

PHOTOMETRICS Page 11

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Product Number Builder

ELCO	Canopy	Wattage	Medium	Color Temp
E	**CP**		**M**	

45 45W
70 70W

40 4000K
50 5000K

Add-on Accessory

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EWPPHBU	Button Photocell
EWPPHSU	Swivel Photocell
EWMSU	Motion Detector
EWMSDU	Dimmable Motion Detector

Example: **ECP45M40** [ELCO Canopy, 45 Watts, 4000K]
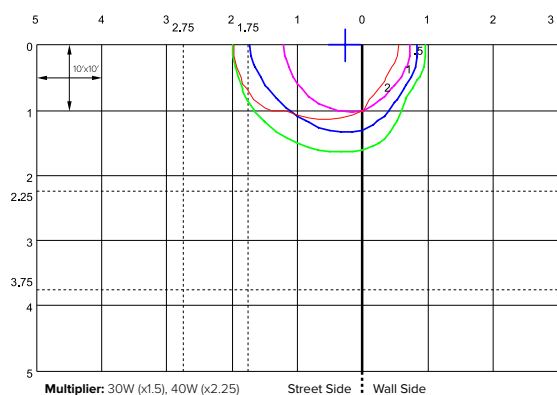
Cutt-off Wall Pack with Photocell

PHOTOMETRIC REPORT

Product #: EWP20C50
Luminaire LPW: 100 lmw/W
ISOFOOTCANDLE LINES OF
HORIZONTAL ILLUMINANCE

Distance In Units Of Mounting Height
Values Based On 10 Foot Mounting Height
1/2 Maximum Candela Trace Shown As Dashed Curve
(+) = Maximum Candela Point

Footcandle Legend:

.5 fc	1 fc	2 fc

Multiplier: 30W (x1.5), 40W (x2.25)   Street Side ⋮ Wall Side
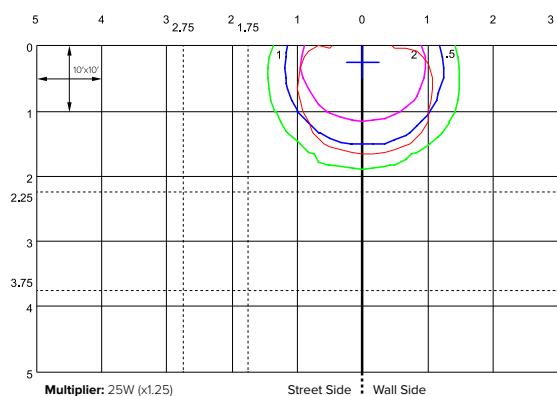

Wall Mount with Photocell

PHOTOMETRIC REPORT

Product #: EWM17W50
Luminaire LPW: 94 lm/W
ISOFOOTCANDLE LINES OF
HORIZONTAL ILLUMINANCE

Distance In Units Of Mounting Height
Values Based On 10 Foot Mounting Height
1/2 Maximum Candela Trace Shown As Dashed Curve
(+) = Maximum Candela Point
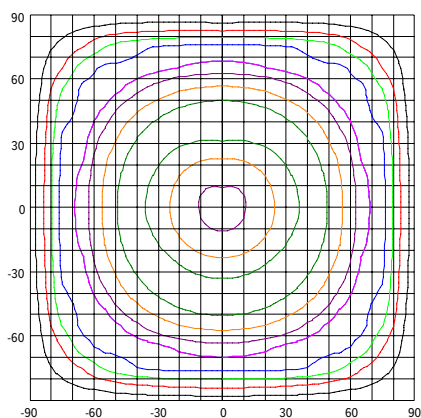
Footcandle Legend:

.5 fc	1 fc	2 fc

Multiplier: 25W (x1.25)   Street Side ⋮ Wall Side

Canopy

PHOTOMETRIC REPORT

Product #: ECP70M50
Luminaire LPW: 94 lm/W
ISOFOOTCANDLE LINES OF
HORIZONTAL ILLUMINANCE

Multiplier: 45W (x0.678)

Footcandle Legend:

10% = 158.7085
20% = 317.417
30% = 476.1255
40% = 634.834
50% = 793.5425
60% = 1428.376
75% = 1190.314
90% = 952.251

Medium Floodlight

Die-cast aluminum housing with dark bronze powder coated finish.

Medium LED floodlights are ideal for illuminating building facades, wall washing building exteriors, sign lighting, landscape lighting and improving building security. Heavy-duty die-cast aluminum construction and high quality components ensure that Elco floodlights will provide years of solid performance in almost any weather condition. Available in medium and super-wide beam angles to accommodate any outdoor floodlight applications.

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Medium Flood

EFL35M40FL	**EFL45M40FL**
2610 lm	4000 lm
4000K	4000K
35W	45W

EFL35M50FL	**EFL45M50FL**
3000 lm	4500 lm
5000K	5000K
35W	45W

Wide Flood

EFL35M40WF	**EFL45M40WF**
2610 lm	4000 lm
4000K	4000K
35W	45W

EFL35M50WF	**EFL45M50WF**
3000 lm	4500 lm
5000K	5000K
35W	45W

INPUT VOLTAGE 120/277V

WATTAGE 35W (100W HID Equivalent), 45W (150W HID Equivalent)

CRI 70+

LIFE SPAN 50,000 hours L70

WET LOCATION UL Listed

QUALIFIED DLC

LENS Glass

DRIVER High efficiency (HPF), Class 2

POWER FACTOR 0.9

LM-80 Certified

FINISH Dark Bronze

MOUNT Knuckle

PHOTOMETRICS Page 15

4⁹⁄₁₆″   9⁵⁄₁₆″   6¹⁵⁄₁₆″

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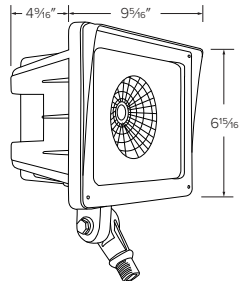
Product Number Builder

ELCO	Floodlight	Wattage	Medium	Color Temp	Beam
E	**FL**		**M**		

35 35W
45 45W

40 4000K   **FL** Medium Flood
50 5000K   **WF** Wide Flood

Add-on Accessory

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EFLMWG Wireguard

Example: **EFL35M40FL**-**EFLMWG** [ELCO Floodlight, 35 Watts, Medium, 4000K, Medium Flood, with Wireguard]

Large Floodlight

Die-cast aluminum housing with dark bronze powder coated finish.

Large LED floodlights are ideal for illuminating building facades, wall washing building exteriors, sign lighting, and improving building security. Heavy-duty die-cast aluminum construction and high quality components ensure that Elco floodlights will provide years of solid performance in almost any weather condition. Available in medium and super-wide beam angles to accommodate any outdoor floodlight applications.

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INPUT VOLTAGE 120/277V

WATTAGE 70W (320W HID Equivalent), 90W (400W HID Equivalent)

CRI 70+

LIFE SPAN 50,000 hours L70

DIMMABLE Optional (0-10V)

WET LOCATION UL Listed

QUALIFIED DLC

LENS Glass

KNOCKOUTS Sides and top access

DRIVER High efficiency (HPF), Class 2

POWER FACTOR 0.9

LM-80 Certified

FINISH Dark Bronze

MOUNT Trunnion bracket, Slipfitter accessory available

PHOTOMETRICS Page 15

Medium Flood

EFL70L40FL	**EFL90L40FL**
6750 lm	9000 lm
4000K	4000K
70W	90W

EFL70L50FL	**EFL90L50FL**
7500 lm	10000 lm
5000K	5000K
70W	90W

Wide Flood

EFL70L40WF	**EFL90L40WF**
6750 lm	9000 lm
4000K	4000K
70W	90W

EFL70L50WF	**EFL90L50WF**
7500 lm	10000 lm
5000K	5000K
70W	90W

5½″ 12¹⁵⁄₁₆″ 10¹⁵⁄₁₆″

DLC QPL LISTED

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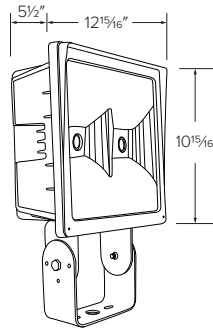
Product Number Builder

ELCO	Floodlight	Wattage	Large	Color Temp	Beam	Optional
E	**FL**		**L**			

70 70W
90 90W

40 4000K   **FL** Medium Flood   **D** Dimmable
50 5000K   **WF** Wide Flood

Add-on Accessory

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EFLLWG Wireguard	**EWPPHBU**	Button Photocell (120/277V)
	EWPPHSU	Swivel Photocell (120/277V)
	EWMSU	Motion Detector (120/277V)
	EWMSDU	Dimmable Motion Detector (120/277V)

Example: **EFL70L40FL-EFLLWG** [ELCO Floodlight, 70 Watts, Large, 4000K, Medium Flood, with Wireguard]

Accessories
for Floodlights
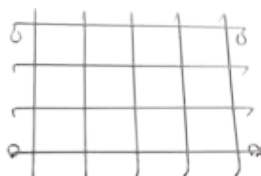
EFLMWG (Medium)
EFLLWG (Large)
Wireguard

Wireguard is used on outdoor floodlights to help prevent damage.

EWPPHBU (120/277V)
EWPPH (120V)
Button Photocell

Fixed-position photocell allows the luminaire to automatically be lit in the absence of daylight. Works with 120/277V or 120V. For automatic dusk to dawn lighting. For large floodlights only.

EFLLSF
Slipfitter Adapter

Swivel slipfitter enables floodlights fixtures to be secured on 2 ⅜" O.D. tenons. For large floodlights only.

EWPPHSU (120/277V)
Swivel Photocell

Swivel photocell allows the luminaire to be lit in the absence of daylight with directional specification. Works with 120/277V. For automatic dusk to dawn lighting. For large floodlights only.

EFLLTB
Trunnion Bracket

Adjustable trunnion bracket enables floodlights to be secured on buildings, walls, and flat surfaces. For large floodlights only.

EWMSDU (120/277V)
Dimmable Motion Detector

Dimmable motion detector switches luminaire to preset dim levels in the absence of daylight and illuminates fully when an area is occupied. The luminaire stays lit for a set period of time. Keeps luminaire within the T24 regulations while keeping an area lit constantly in the absence of daylight. Works with 120/277V. For automatic dusk to dawn lighting. For large dimmable floodlights only.

EFLMKW
Knuckle

½" knuckle enables floodlights to be mounted on standard junction boxes and pipes. For medium floodlights only.

EWMSU (120/277V)
Motion Detector

Motion Detector allows the luminaire to be lit when there is an absence of daylight and an area is occupied. Works with 120/277V. For large floodlights only.

Can be used for
T24
California title 24
High Efficacy
Compliance

Wall Mounted
California Title 24 outdoor lighting code require outdoor wall mounted luminaires rated greater than 30 watts and mounted 24 feet high or less to be installed with a motion detector to only illuminate an area when it is occupied (see ELCO Motion Detector EWMS1). To keep an area continuously lit in the absence of daylight and occupants, the lighting must be dimmed from 10 to 60 percent during this time (see ELCO Dimmable Motion Detector EWMSD1). If an outdoor luminaire rated greater than 30 watts is mounted above 24 feet, only a photocell is required to automatically light the area only in the absence of daylight (see ELCO Photocells EWPPHBU or EWPPHSU).

Pole Mounted
California Title 24 outdoor lighting code require non-residential outdoor pole mounted luminaires rated greater than 75 watts and mounted 24 feet or less to be installed with a motion detector to only illuminate an area when it is occupied (see ELCO Motion Detector EWMS1). To keep an area continuously lit in the absence of daylight and occupants the lighting must be dimmed from 10 to 60 percent during this time (see ELCO Dimmable Motion Detector EWMSD1). If an outdoor luminaire rated greater than 75 watts is mounted above 24 feet only a photocell is required to automatically light the area only in the absence of daylight (see ELCO Photocells EWPPHBU or EWPPHSU).

Medium Floodlight

Multiplier: 5000K (x 1.02), 35W (x 0.6525)

PHOTOMETRIC REPORT

Product #: EFL20M40FL
Luminaire LPW: 100 lm/W
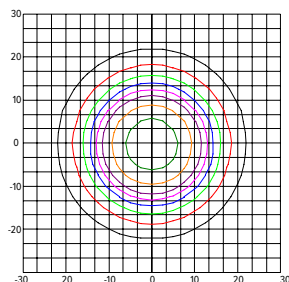
Footcandle Legend:

- 10% = 3679.192
- 20% = 7358.385
- 30% = 11037.58
- 40% = 14716.77
- 50% = 18395.96
- 60% = 22075.16
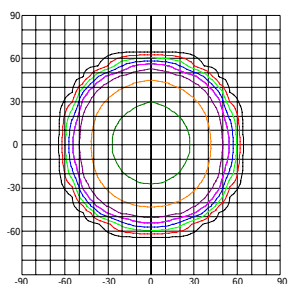- 75% = 27593.94
- 90% = 33112.73

ILLUMINANCE AT A DISTANCE

Distance to Target Plane	Footcandles Beam Center	Beam Diameter
12'	169	5.4'
14'	124	6.3'
16'	94.9	7.2'
20'	60.7	9.1'

ZONAL LUMEN SUMMARY

Zone	Lumens	%Luminaire
0-30°	4959.5	99.3%
0-40°	4981.7	99.8%
0-60°	4990.1	99.95%
0-90°	4992.4	100%
0-180°	4992.4	100%

PHOTOMETRIC REPORT

Product #: EFL45M40WF
Luminaire LPW: 89 lm/W

Footcandle Legend:

- 10% = 286.496
- 20% = 572.992
- 30% = 859.488
- 40% = 1145.984
- 50% = 1432.48
- 60% = 1718.976
- 75% = 2148.72
- 90% = 2578.464

ILLUMINANCE AT A DISTANCE

Distance to Target Plane	Footcandles Beam Center	Beam Diameter
12'	14.2	34.8'
14'	10.4	40.6'
16'	7.98	46.4'
20'	5.11	58.1'

ZONAL LUMEN SUMMARY

Zone	Lumens	%Luminaire
0-30°	1615.6	32.3%
0-40°	2708.1	54.2%
0-60°	4740.3	94.9%
0-90°	4973.6	99.6%
0-180°	4994.5	100%

Large Floodlight

Multiplier: 5000K (x 1.02), 90W (x 1.33)

PHOTOMETRIC REPORT

Product #: EFL75L40FL
Luminaire LPW: 100 lm/W
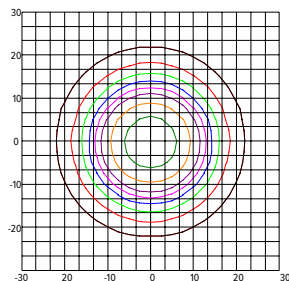
Footcandle Legend:

- 10% = 3679.192
- 20% = 7358.385
- 30% = 11037.58
- 40% = 14716.77
- 50% = 18395.96
- 60% = 22075.16
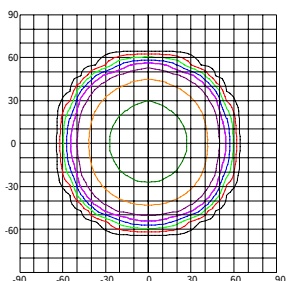- 75% = 27593.94
- 90% = 33112.73

ILLUMINANCE AT A DISTANCE

Distance to Target Plane	Footcandles Beam Center	Beam Diameter
12'	255	5.4'
14'	188	6.3'
16'	144	7.2'
20'	92	9.1'

ZONAL LUMEN SUMMARY

Zone	Lumens	%Luminaire
0-30°	7510.2	99.3%
0-40°	7543.7	99.8%
0-60°	7556.5	99.95%
0-90°	7560	100%
0-180°	7560	100%

PHOTOMETRIC REPORT

Product #: EFL75L40WF
Luminaire LPW: 96 lm/W

Footcandle Legend:

- 10% = 3679.192
- 20% = 7358.385
- 30% = 11037.58
- 40% = 14716.77
- 50% = 18395.96
- 60% = 22075.16
- 75% = 27593.94
- 90% = 33112.73

ILLUMINANCE AT A DISTANCE

Distance to Target Plane	Footcandles Beam Center	Beam Diameter
12'	19.9	34.6'
14'	14.6	40.6'
16'	11.2	46.1'
20'	4.97	57.6'

ZONAL LUMEN SUMMARY

Zone	Lumens	%Luminaire
0-30°	2264.5	32.3%
0-40°	3795.8	54.2%
0-60°	6644.1	94.9%
0-90°	6971.1	99.6%
0-180°	7000.4	100%

EL ELCO Lighting