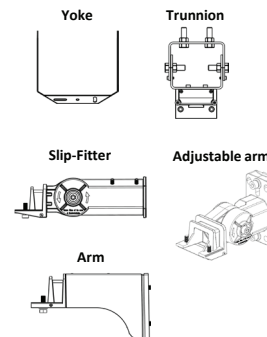


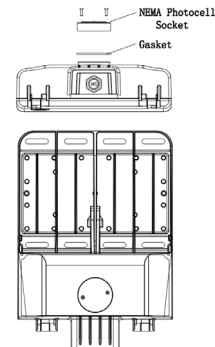
PROJECT	TYPE	CATALOG #



MOUNTING OPTIONS



NEMA PHOTOCELL (SOLD SEPARATELY)



MODEL	NOMINAL LUMEN OUTPUT SELECTABLE	COLOR TEMPERATURE SELECTABLE	DISTRIBUTION	INPUT VOLTAGE	NEMA PHOTOCELL RECEPTACLE*	MOUNTING MEANS**
FLLPRO	24L = 14,000 / 20,000 / 24,000 40L = 28,000 / 34,000 / 40,000	LKFS = 3K/4K/5K	T3 = Type III T5 = Type V	Blank = 120-277 UNC = 277-480	Blank = none P = 3-pin NEMA photocell receptacle (sold separately)	08-MPAL-ARM = Arm mount 08-MPAL-ARM-A = Adjustable arm mount 08-MPAL-SF = Slip-fitter mount 08-MPAL-TM = Trunnion mount 08-MPALPRO-YM = Yoke Mount

Specifications

Housing

- Die cast aluminum housing with dark bronze powder coat finish.
- Polycarbonate lens.
- Optional NEMA photocell receptacle & photocell.

Electrical

- Universal 120-277V (50/60Hz) or 277-480V (50/60Hz) AC voltage with 6-foot incoming power cords.
- 0-10vdc dimming drivers are standard.
- Watertight, compression-type electrical connectors.
- Power factor > 0.90.
- Total harmonic distortion < 20%.

Code Compliance

- cULus listed for wet locations in ambient temperatures from -40°C to 50°C (-40°F to 122°F).
- Rated for 3G vibration.
- Lenses are rated IK08.
- Input transient surge protection (6kV).
- Complies with FCC Part 15, class A.
- IP65 rated for ingress protection.

*NEMA photocell sold separately

**Pole tenons and tenon adapters available

***L₇₀ hours are IES TM 21 11 calculated hours.

Optical System

- Field selectable 3000k (warm white), 4000k (neutral white), and 5000k (cool white) color temperatures.
- Long-life LEDs provide 162,000 hours of operation with at least 70% of initial lumen output (L70), and 49,000 hours with at least 90% of initial lumen output (L90). ***
- LED chromaticity based on < 6-step ANSI quadrangles.
- LED color maintenance < 0.002 chromaticity shift ($\Delta u'$) over the initial 6,000 hours of operation.
- Provides a range of 14,000 to 40,000 nominal lumens.
- Color rendering index (Ra) > 80.
- IES roadway distributions include types III & V.

Warranty

- 5 year warranty on all electronics and housing.

Mounting

- Wall mount brackets and tenon adapters available.
- Easy installation in new construction or retrofit.

Electrical Data

Series	Measurements	Low Lumens			Mid Lumens			High Lumens		
		3000K	4000K	5000K	3000K	4000K	5000K	3000K	4000K	5000K
FLLPRO-24L-LKFS-T3	Lumens	14,649	16,173	15,115	20,273	22,824	20,939	24,056	26,598	24,591
	Watts	101	100	102	150	146	152	186	178	187
	Efficacy	145	162	148	135	156	138	130	150	131
	Input Current (A)	120V = 0.84A	120V = 0.83A	120V = 0.85A	120V = 1.25A	120V = 1.22A	120V = 1.27A	120V = 1.55A	120V = 1.48A	120V = 1.56A
		240V = 0.42A	240V = 0.42A	240V = 0.43A	240V = 0.63A	240V = 0.61A	240V = 0.63A	240V = 0.78A	240V = 0.74A	240V = 0.78A
		277V = 0.36A	277V = 0.36A	277V = 0.37A	277V = 0.54A	277V = 0.53A	277V = 0.55A	277V = 0.67A	277V = 0.64A	277V = 0.68A

Series	Measurements	Low Lumens			Mid Lumens			High Lumens		
		3000K	4000K	5000K	3000K	4000K	5000K	3000K	4000K	5000K
FLLPRO-24L-LKFS-T5	Lumens	15,049	16,748	15,656	20,616	23,398	21,498	24,156	26,788	25,153
	Watts	101	100	102	150	145	151	186	178	187
	Efficacy	149	167	154	137	161	142	130	150	134
	Input Current (A)	120V = 0.84A	120V = 0.83A	120V = 0.85A	120V = 1.25A	120V = 1.21A	120V = 1.26A	120V = 1.55A	120V = 1.48A	120V = 1.56A
		240V = 0.42A	240V = 0.42A	240V = 0.43A	240V = 0.63A	240V = 0.60A	240V = 0.63A	240V = 0.78A	240V = 0.74A	240V = 0.78A
		277V = 0.36A	277V = 0.36A	277V = 0.37A	277V = 0.54A	277V = 0.52A	277V = 0.55A	277V = 0.67A	277V = 0.64A	277V = 0.68A

Series	Measurements	Low Lumens			Mid Lumens			High Lumens		
		3000K	4000K	5000K	3000K	4000K	5000K	3000K	4000K	5000K
FLLPRO-40L-LKFS-T3	Lumens	28,924	32,211	30,104	33,874	37,248	35,140	40,091	44,173	41,188
	Watts	204	198	204	248	232	247	303	284	303
	Efficacy	142	163	148	137	160	142	132	156	136
	Input Current (A)	120V = 1.70A	120V = 1.65A	120V = 1.70A	120V = 2.07A	120V = 1.93A	120V = 2.06A	120V = 2.53A	120V = 2.37A	120V = 2.53A
		240V = 0.85A	240V = 0.82A	240V = 0.85A	240V = 1.03A	240V = 0.97A	240V = 1.03A	240V = 1.26A	240V = 1.18A	240V = 1.26A
		277V = 0.74A	277V = 0.71A	277V = 0.74A	277V = 0.90A	277V = 0.84A	277V = 0.89A	277V = 1.09A	277V = 1.03A	277V = 1.09A

Series	Measurements	Low Lumens			Mid Lumens			High Lumens		
		3000K	4000K	5000K	3000K	4000K	5000K	3000K	4000K	5000K
FLLPRO-40L-LKFS-T5	Lumens	29,447	33,006	30,873	34,329	37,862	35,862	39,723	44,079	41,462
	Watts	204	197	203	247	231	246	298	283	297
	Efficacy	144	168	152	139	164	146	133	156	140
	Input Current (A)	120V = 1.70A	120V = 1.64A	120V = 1.69A	120V = 2.06A	120V = 1.93A	120V = 2.05A	120V = 2.48A	120V = 2.36A	120V = 2.48A
		240V = 0.85A	240V = 0.82A	240V = 0.85A	240V = 1.03A	240V = 0.96A	240V = 1.03A	240V = 1.24A	240V = 1.18A	240V = 1.24A
		277V = 0.74A	277V = 0.71A	277V = 0.73A	277V = 0.89A	277V = 0.83A	277V = 0.89A	277V = 1.08A	277V = 1.02A	277V = 1.07A

Electrical Data

[illegible][illegible][illegible][illegible]

FLLPRO-LKFS

MULTI-PURPOSE AREA LIGHT PRO
LUMEN AND KELVIN SELECTABLE

Photometric Data

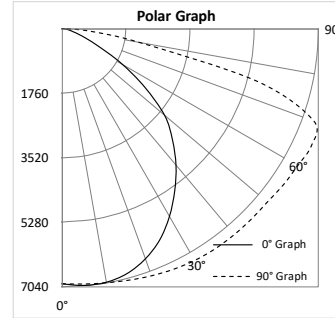
FLLPRO-24L-LKFS-T3

Luminaire Data

Description	Multi Purpose Area Light PRO - LKFS 24L 5K T3
Total Lumens	24,601
Input Wattage	187
Efficacy (lm/W)	131
Max. Cd.	7588.58 (90H, 67V)
IES Classification	Type III
Longitudinal Classification	Medium

Luminaire Classification Systems (LCS)

LCS Zone		Lumens	%Lum
FL	0-30	2,904	11.8%
FM	30-60	6,494	26.4%
FH	60-80	3,240	13.2%
FVH	80-90	323	1.3%
BL	0-30	2,684	10.9%
BM	30-60	5,794	23.6%
BH	60-80	2,933	11.9%
BVH	80-90	229	0.9%
UL	90-100	0	0.0%
UH	100-180	0	0.0%
Total		24,601	100.0%
BUG Rating		B4-U0-G4	



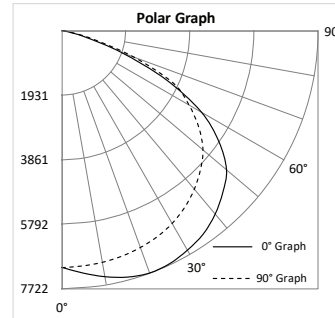
FLLPRO-24L-LKFS-T5

Luminaire Data

Description	Multi Purpose Area Light PRO - LKFS 24L 5K T5
Total Lumens	25,157
Input Wattage	187
Efficacy (lm/W)	135
Max. Cd.	7742.22 (337.5H, 22V)
IES Classification	Type VS
Longitudinal Classification	Very Short

Luminaire Classification Systems (LCS)

LCS Zone		Lumens	%Lum
FL	0-30	3,101	12.3%
FM	30-60	7,290	29.0%
FH	60-80	2,486	9.9%
FVH	80-90	42	0.2%
BL	0-30	2,784	11.1%
BM	30-60	6,505	25.9%
BH	60-80	2,884	11.5%
BVH	80-90	66	0.3%
UL	90-100	0	0.0%
UH	100-180	0	0.0%
Total		25,157	100.0%
BUG Rating		B4-U0-G2	



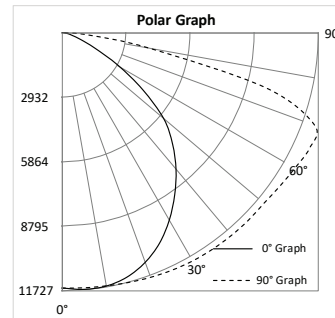
FLLPRO-40L-LKFS-T3

Luminaire Data

Description	Multi Purpose Area Light PRO - LKFS 40L 5K T3
Total Lumens	41,239
Input Wattage	302
Efficacy (lm/W)	136
Max. Cd.	12840.24 (270H, 67V)
IES Classification	Type III
Longitudinal Classification	Medium

Luminaire Classification Systems (LCS)

LCS Zone		Lumens	%Lum
FL	0-30	4,831	11.7%
FM	30-60	10,848	26.3%
FH	60-80	5,398	13.1%
FVH	80-90	483	1.2%
BL	0-30	4,488	10.9%
BM	30-60	9,786	23.7%
BH	60-80	5,010	12.1%
BVH	80-90	394	1.0%
UL	90-100	0	0.0%
UH	100-180	0	0.0%
Total		41,239	100.0%
BUG Rating		B5-U0-G5	



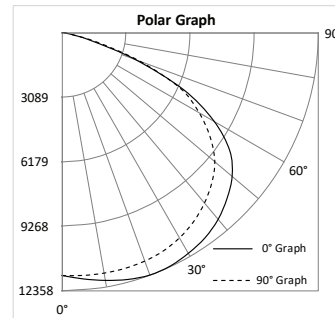
FLLPRO-40L-LKFS-T5

Luminaire Data

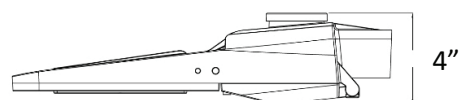
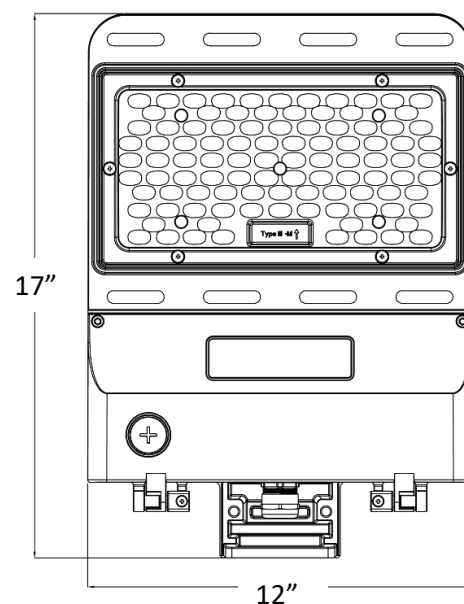
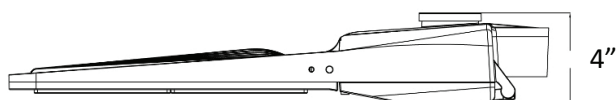
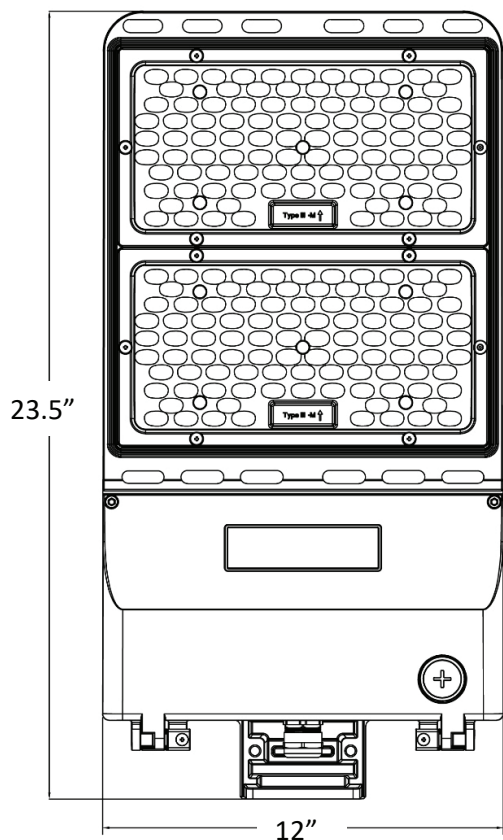
Description	Multi Purpose Area Light PRO - LKFS 40L 5K T5
Total Lumens	41,980
Input Wattage	302
Efficacy (lm/W)	139
Max. Cd.	12368.81 (360H, 22V)
IES Classification	Type VS
Longitudinal Classification	Very Short

Luminaire Classification Systems (LCS)

LCS Zone		Lumens	%Lum
FL	0-30	5,024	12.0%
FM	30-60	12,076	28.8%
FH	60-80	4,397	10.5%
FVH	80-90	79	0.2%
BL	0-30	4,671	11.1%
BM	30-60	11,064	26.4%
BH	60-80	4,581	10.9%
BVH	80-90	89	0.2%
UL	90-100	0	0.0%
UH	100-180	0	0.0%
Total		41,980	100.0%
BUG Rating		B5-U0-G2	



Dimensions



Effective Projected Areas (EPA's)

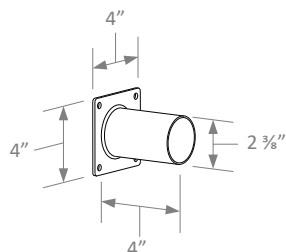
24L

Front = 1.4 square feet
Side = 0.5 square feet
Face = 0.3 square feet

40L

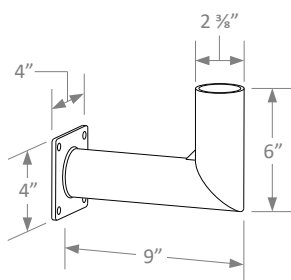
Front = 2.0 square feet
Side = 0.7 square feet
Face = 0.3 square feet

Mounting Accessories



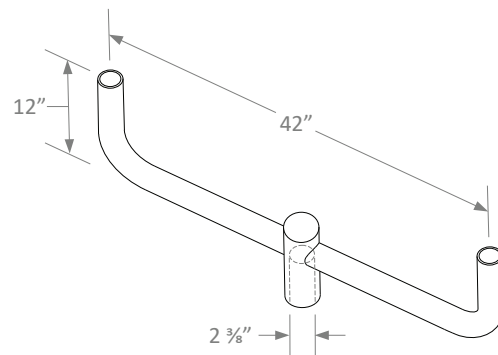
Wall Mount Bracket

FLLPRO-WMB



Wall Mount Bracket, 90°

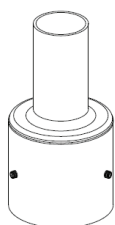
FLLPRO-WMB90



Double 180° Bullhorn Mounting Bracket

FLLPRO-D180BH

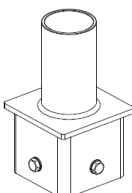
Bullhorn requires slip-fitter mount



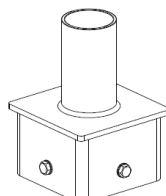
4SQR-SP-D



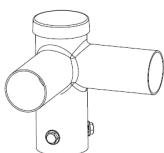
5SQR-SP-D



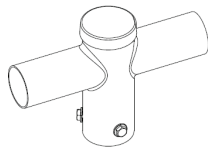
4SQ-SP-D



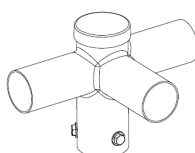
5SQ-SP-D



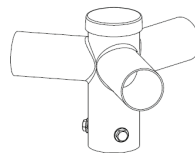
R60-SP2-90-D



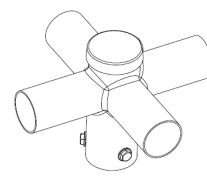
R60-SP2-180-D



R60-SP3-90-D



R60-SP3-120-D



R60-SP4-90-D

Part Number	Description	L	W	H
4SQR-SP-D	4" round pole tenon	-	4.2"	8.6"
5SQR-SP-D	5" round pole tenon	-	5.2"	8.6"
4SQ-SP-D	4" square pole tenon	3.6"	3.6"	7.2"
5SQ-SP-D	5" square pole tenon	4.6"	4.6"	7.2"
R60-SP2-90-D	Tenon adapter 90° double	-	ID 2.5"	7.3"
R60-SP2-180-D	Tenon adapter 180° double	-	ID 2.5"	7.3"
R60-SP3-90-D	Tenon adapter 90° triple	-	ID 2.5"	7.3"
R60-SP3-120-D	Tenon adapter 120° triple	-	ID 2.5"	7.3"
R60-SP4-90-D	Tenon adapter 90° quadruple	-	ID 2.5"	7.3"