INTELLUD DECORATIVE FLOOD do yee Cutdoor Lighting DECORATIVE FLOOD do yee Approxit Outdoor Lighting Decorative Flood Sectrications Decorative Flood Control of the flood gradies of schedules of the flood gradies	FML LED	Cat.#						HUBE			BELL	
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<section-header><section-header><section-header><section-header></section-header></section-header></section-header></section-header>								Approvals				
<section-header><section-header><section-header><section-header> Torrestelling applications and a safety of MEMA distribution for frighting applications and a safety of the main applications and applications and a safety of the main applications and the main applications and the main applications and the ma</section-header></section-header></section-header></section-header>	SPECIFICATIONS				1		PRODUC	CT IMAGE(S))			
Centrol Notice Listings Length Length Multiple C.W.(Ry) Length Inch. (cm)	Intended Use: Compact LED flood with a variet tion for lighting applications such accent, flag pole, columns, or sig Construction: • Corrosion resistant, rugged di housing with powder coat pai • High impact UV stabilized acr protects LEDs and allows for debris removal • Vented housing isolates LED n driver, maximizing product life • Visor and vandal lens availabl LED: • 14 high powered LED's (Stock • 20 high powered LED's (Stock • 20 high powered LED's (MTO) • Ambient operating temperatur • Stock Versions: 4000K and 50 • MTO Versions: 3000K nominal 4000K and 5000K CCT nominal 4000K and 5000K CCT nominal 4000K and 5000K CCT nominal 4000K and 5000K CCT nominal	 Optical/Electrical (Cont.) 120-277V operation, 50/60Hz 120-277V operation, 50/60Hz Driver IP66 and RoHS compliant driver 10KV surge protector comes standard 0-10V dimming driver standard, continuous dimming option to have leads pulled out for easy connection Installation: Traditional ½" x 14 NPS threaded adjustable knuckle mounting Easy maintenance access to electrical components with removal of 4 screws from back of fixture housing. LED's (Stock) LED's (Stock) LED's (MTO) g temperature -35°C to 40°C QOK and 5000K CCT DOK nominal with 80 CRI, K CCT nominal with 70 CRI Listed to UL1598 for use in wet locations DLC Qualified (4000K and 5000K models only); Consult DLC website for more details: http://www.designlights.org/QPL Warranty: 5 year limited warranty, for more information visit: http://www.bellijcition com/resources/warranty/details/listing/						$F_{HL2} Stock$ $F_{HL2} Stoc$				
No. PR65 Image: Second									G.W(kg)/ CTN	Lengti	h Width	Height
PHL-92 (Mester catino 2 pcs.) 7.81 lbs (3.5) 19.69° (50) 12.40° (32) 8.46° (21.5) Catalog Number Mount Max Coundle Beam Valtage Drive Current Voltage Color Lumens LPW Meight Finish 6 52 1/2° thread 3481 Wide 52 1050mA 120-277V 5000K 4771 95 8.5 (3.8) Beane FML-14-PCU 1/2° thread 3481 Wide 52 1050mA 120-277V 5000K 4771 95 8.5 (3.8) Beane FML-14L4K 1/2° thread 3568 Wide 52 1050mA 120-277V 4000K 4695 94 8.5 (3.8) Beane FML-14L4K-PCU 1/2" thread 3568 Wide 52 1050mA 120-277V 4000K 4695 94 8.5 (3.8) Beane FML-14L4K-PCU 1/2" thread 3568 Wide 52 1050mA 120-277V 4000K 4695 94 8.5 (3.8) Beane FML FACTOR 20L 52 0 52 1050mA 12		65					FML-52 or	20 (Single carton	l pc.) 3.81 lbs (1.7			
ORDERING INFORMATION - STOCK VERSION Catalog Number Mount Max Candle Power Beam Pattern Valtage Drive Current Voltage Temperature Lumens LPW Weight Ibs. (kg) Finish FML-52 1/2" thread 3481 Wide 52 1050mA 120-277V 5000K 4771 95 8.5 (3.8) Finish FML-14-PCU 1/2" thread 3481 Wide 52 1050mA 120-277V 5000K 4771 95 8.5 (3.8) Finish FML-14L4K 1/2" thread 3568 Wide 52 1050mA 120-277V 4000K 4695 94 8.5 (3.8) Finish FML-14L4K 1/2" thread 3568 Wide 52 1050mA 120-277V 4000K 4695 94 8.5 (3.8) Finish FML-14L4K-PCU 1/2" thread 3568 Wide 52 1050mA 120-277V 4000K 4695 94 8.5 (3.8) Finish FML-14L4K-PCU 1/2" thread							· · ·		·	i) 19.69" (5	0) 12.40" (32)	8.46" (21.5)
Catalog Number Mount Max Candle Power Beam Pattern Wattage Drive Current Voltage Color Temperature LPW Weight Ibs. (kg) Finish FML-52 1/2" thread 3481 Wide 52 1050mA 120-277V 5000K 4771 95 8.5 (3.8) Finish FML-14-PCU 1/2" thread 3481 Wide 52 1050mA 120-277V 5000K 4771 95 8.5 (3.8) FML-14L4K 1/2" thread 3568 Wide 52 1050mA 120-277V 4000K 4695 94 8.5 (3.8) FML-14L4K 1/2" thread 3568 Wide 52 1050mA 120-277V 4000K 4695 94 8.5 (3.8) FML-14L4K-PCU 1/2" thread 3568 Wide 52 1050mA 120-277V 4000K 4695 94 8.5 (3.8) FML 20L - 52 - - - - - - - - - -				1			Carton dimen	sions for shipping p	ourposes only			
Catalog Number Mount Power Pattern Wattage Drive Current Voltage Temperature Lumens LPW bs. (kg) Pintsh FML-52 1/2" thread 3481 Wide 52 1050mA 120-277V 5000K 4771 95 8.5 (3.8) FML-14-PCU 1/2" thread 3481 Wide 52 1050mA 120-277V 5000K 4771 95 8.5 (3.8) FML-14L4K 1/2" thread 3568 Wide 52 1050mA 120-277V 4000K 4695 94 8.5 (3.8) FML FML 1/2" thread 3568 Wide 52 1050mA 120-277V 4000K 4695 94 8.5 (3.8) FML FML 1/2" thread 3568 Wide 52 1050mA 120-277V 4000K 4695 94 8.5 (3.8) FML FML 20L - - - - - - - - - - - - - - - -	UKDEKING INFUKMA							Color			Woight	
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FML-14L4K 1/2" thread 3568 Wide 52 1050mA 120-277V 4000K 4695 94 8.5 (3.8) FML-14L4K-PCU 1/2" thread 3568 Wide 52 1050mA 120-277V 4000K 4695 94 8.5 (3.8) ORDERING INFORMATION - MADE TO ORDER FML -											()	
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ORDERING INFORMATION - MADE TO ORDER FML 20L 52 -											. ,	{
FML - 20L - 52 - - - K - <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td><u>.</u></td> <td></td> <td>J</td>										<u>.</u>		J
FAMILY # LEDS WATTS CCT DISTRIBUTION VOLTAGE MOUNTING FINISH CONTROL OPTION OPTIONS FML FACTOR Flood Medium 20L 20 LED 20 SE 52 52W 3K 3000K N 3x3 4K 4000K U 120V- 277V K Knuckle DB Bronze PC1 Photocontrol (voltage specified and determined by voltage field) F1 Fusing 120 or 277V 1 120V- 277V K Knuckle DB Black Black <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>_</td><td></td><td></td><td>]_ [</td><td></td></t<>								_]_ [
FML FACTOR Flood Medium 20L 20 52 54 M 53 1 120V- 1 K Knuckle DB Bronze PC1 Photocontrol (voltage specified and determined by voltage field) F1 Fusing 120 or 277V K 5K 5000K RM 5x4 2 208V WH White BL Black Black by voltage field) 0nly (determined by voltage field) voltage field) by voltage field) 50 voltage field)<		- 22	╹Ĺ_╷─┘╹╹Ĺ	╷──╵								
Filod LED 4K 4000K M 4x4 1 120V BL Black specified and only only Medium 5K 5000K RM 5x4 2 208V WH White determined by voltage field) (determined by voltage W 6x6 3 240V GR Gray CD Continuous dimming field) Y 4 277V PS Platinum silver CC CD Continuous dimming field)	FAMILY # LEDS	WATTS	CCT DISTR	BUTION	VOLTAGE	MOUN	NTING	FINISH	CC	NTROL OPT	TION	OPTIONS
	Flood LED	4	IK 4000K M 5K 5000K RM	^{4x4} 1 ^{5x4} 2 ^{6x6} 3	277V 120V 208V 240V	K Knuc		BL Black WH White GR Gray PS Platinun	n silver CD	(voltage specified determin voltage fi Continuo	and ed by ield) us	120 or 277V only (determined by voltage field) Surge Protector,

1 - PC - photocell and F - Fusing options cannot be combined, only available as separate options

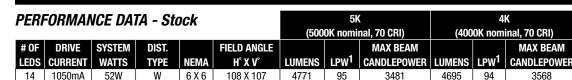


ACCESSORIES/REPLACEMENT PARTS - Order Separately

Catalog Number	Description			
FML-SPC	Vandal resistant polycarbonate lens (Replaces existing acrylic outer frame)			
FML-VISOR-XX ¹	Top/Bottom visor (Tap holes in lens frame for field installation)			
93047961AC	Acrylic lens w/ gasket			
93047971	FML14, 50w, 120-277V Dimming driver 1050mA			
93043808	FML20, 50w, 120-277V Dimming driver 700mA			
20750110264	Knuckle mount Dark Bronze finish. Contact factory for additional finishes			
S-302	Slipfits 1 1/2" or 2" pipe (1.9" OD or 2 3/8" OD) with 1/2" N.P.S.M. hub; Gray			
S-302-M51	Slipfits 1 1/2" or 2" pipe (1.9" OD or 2 3/8" OD) with 1/2" N.P.S.M. hub; Bronze			
S-302-M52	Slipfits 1 1/2" or 2" pipe (1.9" OD or 2 3/8" OD) with 1/2" N.P.S.M. hub; White			
TRN-XX ¹	Trunnion adaptor for 1/2" threaded knuckle mount			

1 Specify finish color to match fixture, e.g. DB - Bronze.

FRAME & LENS			
	FML-SPC	FML-VISOR – 3/4 View	Front View



6 X 6 108 X 107 3481 4695 14 | 1050mA | 52W W 4771 95 94

1 - Lumen values are from photometric tests performed in accordance with IESNA LM-79-08. Data is considered to be representative of the configurations shown. Actual performance may differ as a result of end-user environment and application.

DEREORMANCE DATA _ MTO

FENFUNIMANGE DATA - MITU					JK		41			JK			
					(5000K nominal, 70 CRI)			(4000K nominal, 70 CRI)			(3000K nominal, 80 CRI)		
DRIVE	SYSTEM	DIST.		FIELD ANGLE			MAX BEAM			MAX BEAM			MAX BEAM
CURRENT	WATTS	TYPE	NEMA	H° X V°	LUMENS	LPW ¹	CANDLEPOWER	LUMENS	LPW ¹	CANDLEPOWER	LUMENS	LPW ¹	CANDLEPOWER
		Ν	3 x 3	32 x 32	5185	103	41534	4675	98	38703	3618	75	31214
700mA	50.0	М	4 x 4	54 x 54	5083	99	15056	4712	98	13606	3618	74	10399
700IIIA	52W	RM	5 x 4	83 x 66	4338	84	7273	4017	83	6543	3132	63	5527
		W	6 x 6	107 x 107	4957	96	3291	4552	94	3150	3466	69	2548
	DRIVE	DRIVE SYSTEM CURRENT WATTS	DRIVE SYSTEM DIST. CURRENT WATTS TYPE N 700mA 52w M RM	DRIVE CURRENT SYSTEM WATTS DIST. N 3x3 700mA 52w	DRIVE CURRENT SYSTEM WATTS DIST. TYPE FIELD ANGLE N N 3 x 3 32 x 32 700mA 52w M 4 x 4 54 x 54 RM 5 x 4 83 x 66 83 x 66	(500 DRIVE SYSTEM DIST. FIELD ANGLE CURRENT WATTS TYPE NEMA H°X V° LUMENS 700mA 52w N 3 x 3 32 x 32 5185 700mA 52w M 4 x 4 54 x 54 5083	N 3 x 3 3 2 x 32 5185 103 700mA 52w N 5 x 4 83 x 66 4338 84	(5000K nominal, 70 CRI) DRIVE SYSTEM DIST. FIELD ANGLE MAX BEAM CURRENT WATTS TYPE NEMA H° X V° LUMENS LPW ¹ CANDLEPOWER 700mA 52w N 3 x 3 32 x 32 5185 103 41534 M 4 x 4 54 x 54 5083 99 15056 RM 5 x 4 83 x 66 4338 84 7273	Image: Normal Constraint of the image:	N 3 x 3 32 x 32 5185 103 41534 4675 98 700mA 52w M 4 x 4 54 x 54 5083 99 15056 4712 98	N 3 x 3 32 x 32 5185 103 41534 4675 98 38703 700mA 52w M 5 x 4 83 x 66 4338 84 7273 4017 83 6543	N 3 x 3 32 x 32 5185 103 41534 4675 98 38703 3618 700mA 52w M 5 x 4 83 x 66 4338 84 7273 4017 83 6543 3132	(5000K nominal, 70 CRI) (4000K nominal, 70 CRI) (3000K nominal, 70 CRI) DRIVE SYSTEM DIST. FIELD ANGLE MAX BEAM MAX BEAM MAX BEAM MAX BEAM MAX BEAM LUMENS LPW1 CURRENT WATTS TYPE NEMA H° X V° LUMENS LPW1 CANDLEPOWER LPW1 CANDLEPOWER LPW1 CANDLEPOWER LPW1 CANDLEPOWER LPW1 </td

Top or Bottom

Visor Mount Detail

Lumen values are from photometric tests performed in accordance with IESNA LM-79-08. Data is considered to be representative of the configurations shown. Actual performance may differ as a result of end-user environment and application.

PROJECTED LUMEN MAINTENANCE - Stock

AMBIENT				¹ TM-21-11		Calculated L70
TEMP.	0	25,000	50,000	60,000	100,000	(HOURS)

PROJECTED LUMEN MAINTENANCE - MTO

AMBIENT				¹ TM-21-11		Calculated L70
TEMP.	0	25,000	50,000	60,000	100,000	(HOURS)
25°C / 77°F	1.00	0.98	0.96	0.96	0.94	>696,000
40°C / 104°F	0.99	0.96	0.95	0.94	0.92	>565,000

ELECTRICAL DATA

# OF LEDS		DRIVE CURRENT (mA)	INPUT VOLTAGE (V)	CURRENT (Amps)	SYSTEM POWER (W)
14	1	1050mA	120 277	0.43 0.19	53 53
20	2	700mA	120	0.56	52
20	2	700IIIA	277	0.26	52

LUMINAIRE AMBIENT TEMPERATURE FACTOR (LATF)

TRN-XX

S-302-XXX

AMBIENT TEMP	ERATURE	LUMEN MULTIPLIER
0°C	32°F	1.02
10°C	50°F	1.01
20°C	68°F	1.00
25°C	77°F	1.00
30°C	86°F	1.00
40°C	104°F	0.99
50°C	122°F	0.98

Use these factors to determine relative lumen output for average ambient temperatures from 0-50°C (32-122°F).



PHOTOMETRICS For additional photometric information and IES downloads, visit our web site at www.hubbelloutdoor.com

