

MPB TP, TPR

FEATURES

- Constant current circuit for steady lumen output along the strip.
- Very slim and low profiles for elaborate space.
- Supreme consistency in beam spread and dust protection with UV stabilized diffused cover (IP40).
- Maximized evenness of CCT and brightness by professional bin management.
- Wide range of CCT options (1800K ~ 7000K), dual white.
- HCRI 95 option / HCRI 97 (with R9>85) option with balanced spectrum.
- A short linear increment for precise fitting.
- Rimless, continuous light emission. (MPB TP), Pixel free
- Suitable for either surface mount or recessed.
- Bespoke option for CCT, CRI, Watt, Wiring and more.



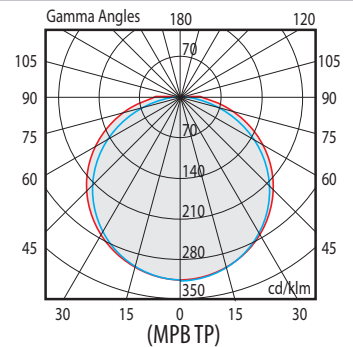
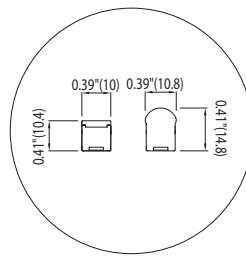
PROTECTED			LOT TRACEABILITY	BESPOKE PRODUCTION	DIMMING COMPATIBILITY	A VERY DURABLE LIFE	IP40	COLOR OPTIONS

ORDER CODE

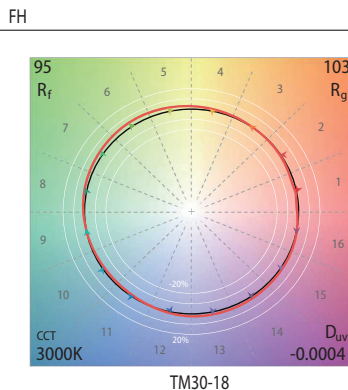
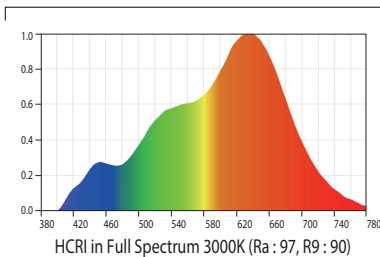
A	35	H	2SC0	24	30	32	(M)968	T	RMF	EE	C2	M	B	MG	37K
A	30H	50H	1C0	24	60	15	2' 11 3/4"	TR	B	FF	C2	M	N	DS	5W/Ft
ACROSENTEC	CCT, COLOR	CRI	CHIP TYPE (FACTORY CODE)	INPUT VOLT	INCREMENT (mm)	MULTIPLIER	FIXTURE LENGTH	PRODUCT NAME	TYPE OF FEED ON FIXTURE	FEED POSITION	IP RATE	DIFFUSER TYPE	FIXTURE FINISH	MOUNTING	BESPOKE NOTE
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
A	18 30 42 20 33 45 22 35 50 24 37 55 27 40 65	(BLANK) H FH HC	*	24 DC24V	*	*	() (M)*	T TR	S B RM RMF IM4 IMF4	E ES EE EF S SE SS SF F FE FF	C2	M	N B	MG DS	*
Blank : CRI 85 H : CRI 95 (typ) FH : CRI 97 (typ) HC : Human Centric		S : SINGLE END LEAD(LW) B : BOTH END LEAD(LW) RM : RM ON SINGLE END RMF : RM, RF ON EACH END IM4 : IM4 ON SINGLE END IMF4 : IM4, IF4 ON EACH END		See the DRAWING A.		N : NORMAL ANODIZED B : BLACK ANODIZED									

SPECIFICATION

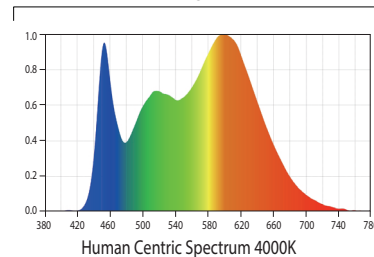
- **Input, Watt** DC24V , 20.0-21.0W/3'3.4" (1Meter)
- **Dimming** 0-10, DMX, BT, WIFI
- **Beam Angle** 110° (MPB TP), 140° (MPB TPR)
- **Operation Temp(°F/°C)** Ta : -13~122 / -25~50
- **Expected Life Hours** 60000 Hrs
- **Mounting Accessory** Magnet (MG), Tape (DS)



FH Spectrum option



HC Spectrum option



acrosentec

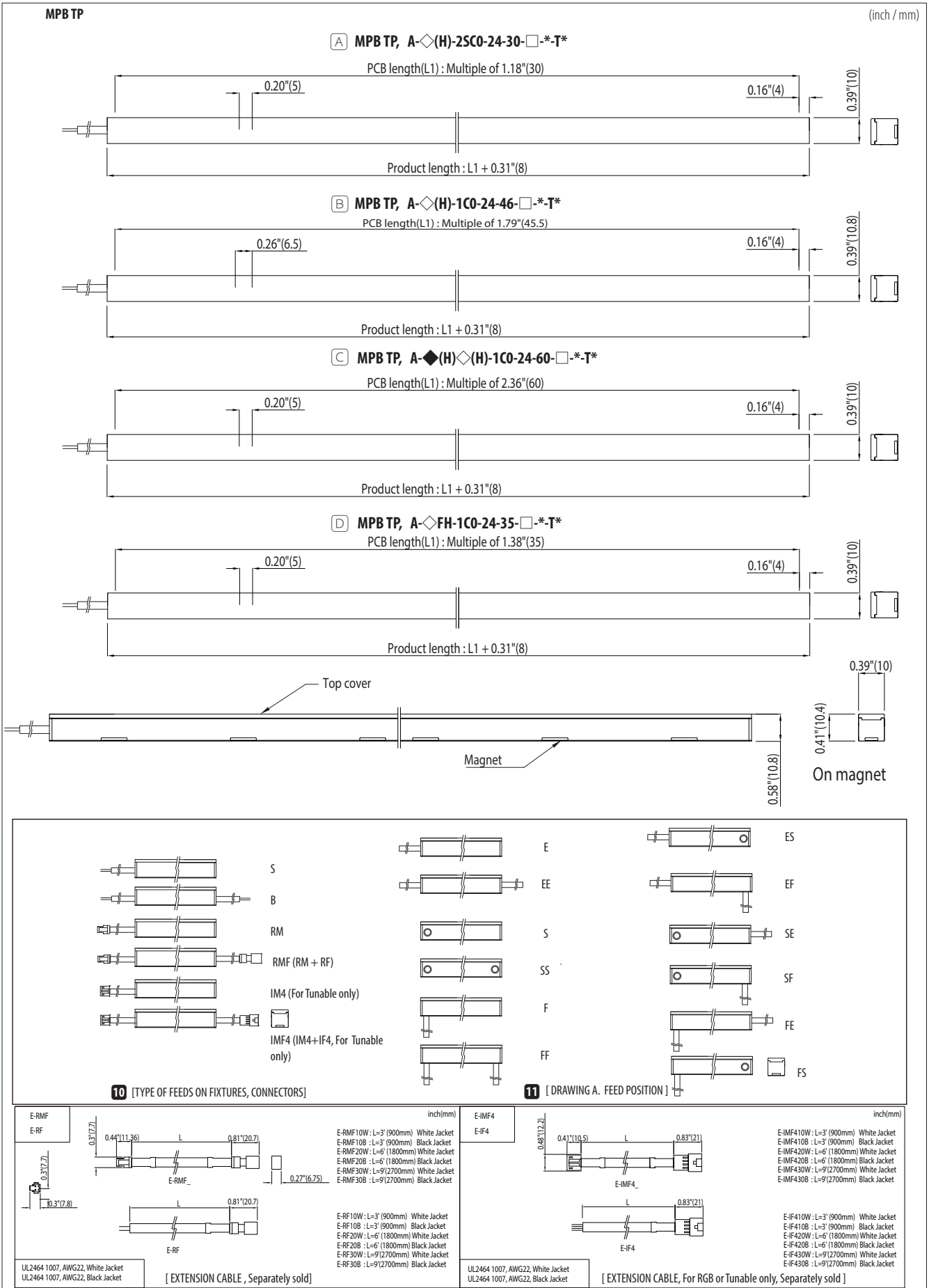
MPB TP		A-◇(H)-25CO-24-30-□-*.T*		A-◇(H)-1CO-24-46-□-*.T*		A-◇(H)◇(H)-1CO-24-60-□-*.T*		A-◇FH-1CO-24-35-□-*.T*	
DRAWING ID (See the dimension)		A		B		C		D	
2 CCT (3 CRI Option)	Normal White	6500K(95), 5600K(95), 4000K(95)							
	Warm White	2450K(90+, 85), 2200K(90+, 85), 2000K(85), 1800K(85)		3500K(95), 3000K(95), 2700K(95)		2450K(90+, 85), 2200K(90+, 85), 2000K(85), 1800K(85)		3500K(97), 3000K(97), 2700K(97)	
Lumen / Ft Meter (CRI typ 85)	6500K, 5600K	-	-	428	1405	175 / CCT	573 / CCT	-	-
	4000K, 3500K	-	-	413	1354	168 / CCT	552 / CCT	-	-
	3000K	-	-	398	1306	-	-	-	-
	2700K	-	-	393	1289	-	-	-	-
	2450K	273	897	-	-	137 / CCT	449 / CCT	-	-
	2200K	263	864	-	-	132 / CCT	432 / CCT	-	-
Lumen / Ft Meter (CRI typ 80+)	2000K	242	793	-	-	121 / CCT	396 / CCT	-	-
	1800K	214	702	-	-	107 / CCT	351 / CCT	-	-
Lumen / Ft Meter (CRI typ 95)	6500K, 5600K	-	-	345	1130	141 / CCT	461 / CCT	289	947
	4000K, 3500K	-	-	333	1092	136 / CCT	445 / CCT	279	915
	3000K	-	-	320	1051	-	-	269	881
	2700K	-	-	316	1036	-	-	265	869
Lumen / Ft Meter (CRI 90+)	2450K	208	681	-	-	104 / CCT	341 / CCT	-	-
	2200K	184	605	-	-	92 / CCT	302 / CCT	-	-
Power Consumption (Watt) / Ft 1Meter		6.1	20	6.4	21	6.1	20	6.1	20
5 Input Volt(DC)		24V							
Max PCB length of a single product (ft/mm) 6 PCB increment x 7 Max Multiplier		7' 2.2" / 2190 (30mm x 73)		7' 2.0" / 2184 (45.5mm x 48)		7' 1.0" / 2160 (60mm x 36)		7' 1.5" / 2170 (35mm x 62)	
Max Serial run of PCB (ft/mm)		12' 10.0" / 3900		13' 1.6" / 4004		12' 11.9" / 3960		13' 1.1" / 3990	
6 Length of PCB increment (inch/mm)		1.18" / 30		1.79" / 45.5		2.36" / 60		1.3" / 35	
8 Total Product Length (inch/mm)		PCB length (6 x 7) + 0.31" / 8							
Feed Accessory		10 TYPE OF FEED ON FIXTURE : RM, RMF, IM4, IMF4, Extension : E-RM, E-RMF, E-IF4, E-IMF4							
11 Power Feed Position		END, SIDE, FLOOR							
14 Fixture Finish		FIXTURE : ANODIZED, BLACK, COVER : DIFFUSED							
Temp(°F / °C)		Tc 149 / 65							
Net Wt / Ft (lb) 1Meter(g)		0.40 / 180							

* Data is subject to change without notice for improvement

MPB TPR		A-◇(H)-25CO-24-30-□-*.TR*		A-◇(H)-1CO-24-46-□-*.TR*		A-◇(H)◇(H)-1CO-24-60-□-*.TR*		A-◇FH-1CO-24-35-□-*.TR*	
DRAWING ID (See the dimension)		E		F		G		H	
2 CCT (3 CRI Option)	Normal White	6500K(95), 5600K(95), 4000K(95)							
	Warm White	2450K(90+, 85), 2200K(90+, 85), 2000K(85), 1800K(85)		3500K(95), 3000K(95), 2700K(95)		2450K(90+, 85), 2200K(90+, 85), 2000K(85), 1800K(85)		3500K(97), 3000K(97), 2700K(97)	
Lumen / Ft Meter (CRI typ 85)	6500K, 5600K	-	-	538	1765	220 / CCT	720 / CCT	-	-
	4000K, 3500K	-	-	520	1706	212 / CCT	696 / CCT	-	-
	3000K	-	-	500	1640	-	-	-	-
	2700K	-	-	493	1618	-	-	-	-
	2450K	344	1127	-	-	172 / CCT	563 / CCT	-	-
	2200K	331	1085	-	-	166 / CCT	543 / CCT	-	-
Lumen / Ft Meter (CRI typ 85)	2000K	304	996	-	-	152 / CCT	498 / CCT	-	-
	1800K	269	882	-	-	134 / CCT	441 / CCT	-	-
Lumen / Ft Meter (CRI typ 95)	6500K, 5600K	-	-	433	1419	177 / CCT	579 / CCT	363	1190
	4000K, 3500K	-	-	418	1371	170 / CCT	559 / CCT	350	1149
	3000K	-	-	402	1319	-	-	337	1106
	2700K	-	-	397	1301	-	-	332	1090
Lumen / Ft Meter (CRI typ 90+)	2450K	261	856	-	-	130 / CCT	428 / CCT	-	-
	2200K	232	760	-	-	116 / CCT	380 / CCT	-	-
Power Consumption (Watt) / Ft 1Meter		6.1	20	6.4	21	6.1	20	6.1	20
5 Input Volt(DC)		24V							
Max PCB length of a single product (ft/mm) 6 PCB increment x 7 Max Multiplier		7' 2.2" / 2190 (30mm x 73)		7' 2.0" / 2184 (45.5mm x 48)		7' 1.0" / 2160 (60mm x 36)		7' 1.5" / 2170 (35mm x 62)	
Max Serial run of PCB (ft/mm)		12' 10.0" / 3900		13' 1.6" / 4004		12' 11.9" / 3960		13' 1.1" / 3990	
6 Length of PCB increment (inch/mm)		1.18" / 30		1.79" / 45.5		2.36" / 60		1.3" / 35	
8 Total Product Length (inch/mm)		PCB length (6 x 7) + 0.31" / 8							
Feed Accessory		10 TYPE OF FEED ON FIXTURE : RM, RMF, IM4, IMF4, Extension : E-RM, E-RMF, E-IF4, E-IMF4							
11 Power Feed Position		END, SIDE, FLOOR							
14 Fixture Finish		FIXTURE : ANODIZED, BLACK, COVER : DIFFUSED							
Temp(°F / °C)		Tc 149 / 65							
Net Wt / Ft (lb) 1Meter(g)		0.44 / 200							

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DIMENSION



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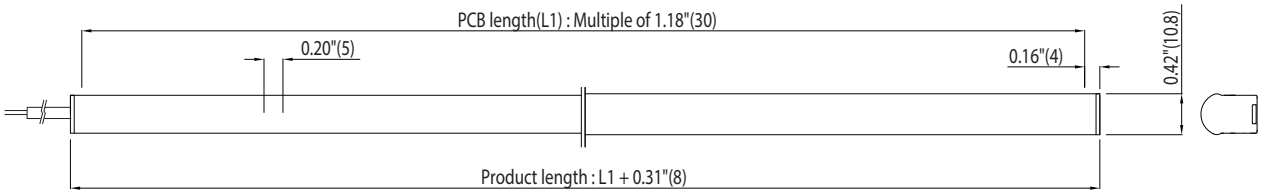
DIMENSION

MPB TPR

(inch / mm)

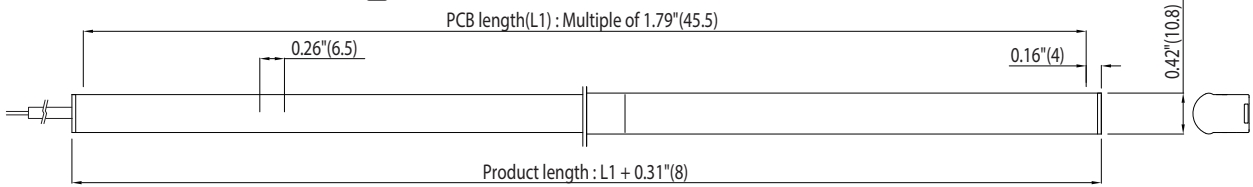
E MPB TPR, A-◇(H)-25C0-24-30-□-*-TR*

PCB length(L1) : Multiple of 1.18"(30)



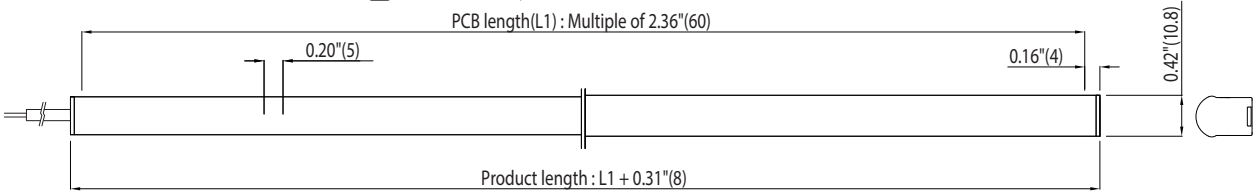
F MPB TPR, A-◇(H)-1C0-24-46-□-*-TR*

PCB length(L1) : Multiple of 1.79"(45.5)



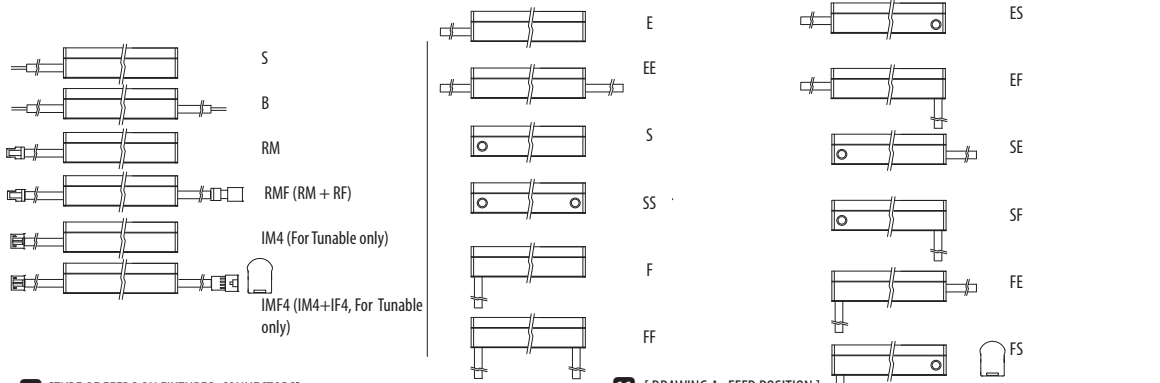
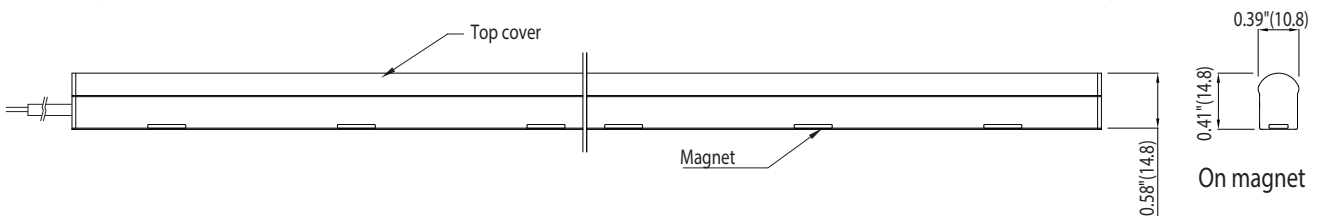
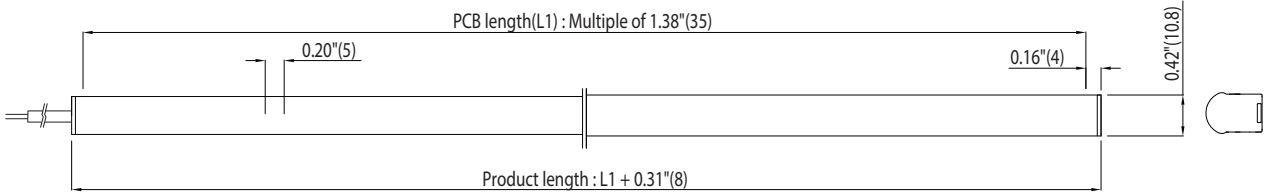
G MPB TPR, A-◇(H)◇(H)-1C0-24-60-□-*-TR*

PCB length(L1) : Multiple of 2.36"(60)



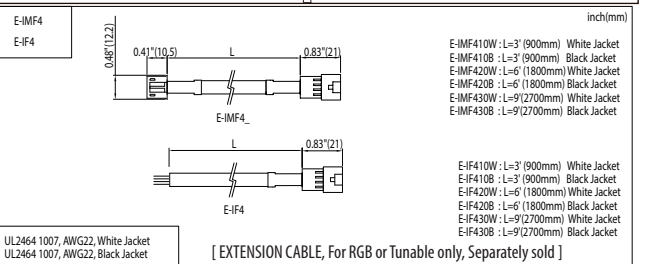
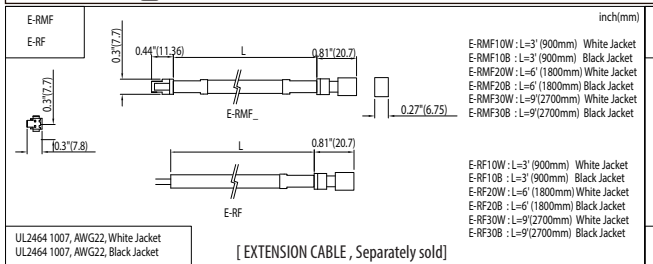
H MPB TPR, A-◇(H)-1C0-24-35-□-*-TR*

PCB length(L1) : Multiple of 1.38"(35)



10 [TYPE OF FEEDS ON FIXTURES, CONNECTORS]

11 [DRAWING A. FEED POSITION]



UL2464 1007, AWG22, White Jacket
 UL2464 1007, AWG22, Black Jacket
 [EXTENSION CABLE, Separately sold]

UL2464 1007, AWG22, White Jacket
 UL2464 1007, AWG22, Black Jacket
 [EXTENSION CABLE, For RGB or Tunable only, Separately sold]

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