

MPB F, MPB FR



FEATURES

- Constant current circuit for steady lumen output along the strip.
- Very slim and low profiles for elaborate space.
- Splendid consistency in beam spread and dust protection with UV stabilized opaque or light opaque cover
- IP Rate 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 in wider spectrum
- A short increment for precise fitting
- Suitable for either surface mount or recessed
- Bespoke option for CCT, CRI, Watt



PRODUCT DESCRIPTION CODES / SPECIFICATIONS

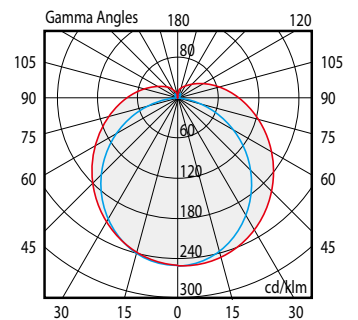
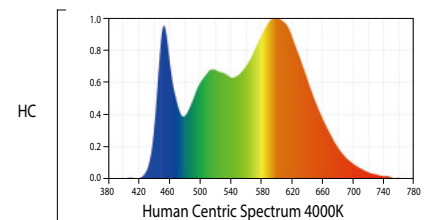
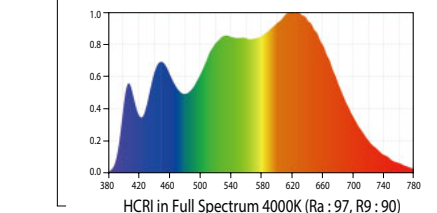
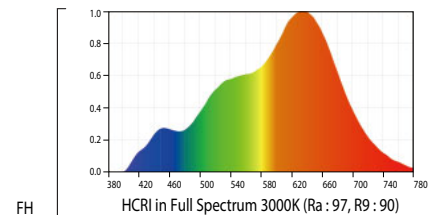
A- 27H- 1C0- 24- 34- 4- MF S C2M

① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩ ⑪

- ① **NAME** ACROSENTEC
- ② **CCT**
- Normal White Warm White Beam Angle
- 6500K 5600K 4000K 3500K 3000K 2700K 2450K 2200K 110° (MPB F), 140°x110° (MPB FR)
- CRI typ 95 CRI 90+ Beam Angle
- Normal White Warm White 110° (MPB F), 140°x110° (MPB FR)
- 6500K 5600K 4000K 3500K 3000K 2700K 2450K 2200K 2000K 1800K
- CRI typ 85
- ③ **Level of CRI** H : CRI typ 95, 90+, Blank : CRI typ 85
- ④ **LED pitch(inch/mm)** Refer to the Dimension
- ⑤ **Input VOLT(DC)** 24V
- ⑥ **Length of add-on(inch/mm)** Refer to the table
- ⑦ **Quantity of add-on** Variable
- ⑧ **Product model** MF : MPB F, MFR : MPB FR
- ⑨ **Feed receptacle** S : Single end LW, B : Both ends LW, RF, RFM, IM, IMF, IM4, IMF4
- ⑩ **IP Rate** C2 : IP40
- ⑪ **Diffuser type** M : Opaque, MS : Light opaque, Blank : Clear

- Dimming** PWM, DALI, 0-10, DMX
- Beam Angle** 120°(MF), 150°(MFR)
- Operation Temp(°F/°C)** Ta : -13~122 / -25~50
- Expected Life Hours** 60000 Hrs
- Mounting Accessory** Bracket (S, SJ), Magnet (MG), Tape (DS)

- Bespoke option in FH, HC spectrum -



acrosentec

MPB F		A-◇(H)-1C0-24-34-□-MFSC2(M)	A-◇(H)◇(H)-1C0-24-59-□-MFSC2(M)	A-◇(H)-2SC0-24-36-□-MFSC2(M)	A-◇(H)◇(H)-1C0-24-72-□-MFSC2(M)
CCT (CRI Option)	Normal White	6500K(95, 85), 5600K(95, 85), 4000K(95, 85)			
	Warm White	3500K(95, 85), 3000K(95, 85), 2700K(95, 85)	2700K(95, 85)	3500K(95, 85), 3000K(95, 85), 2700K(95, 85), 2450K(90+, 85), 2200K(90+, 85), 2000K(85), 1800K(85)	2700K(95, 85), 2450K(90+, 85), 2200K(90+, 85), 2000K(85), 1800K(85)
Lumen / 3' 3.4", 1MTR (CRI typ 85)	6500K, 5600K	1720	737 / CCT	1410	652 / CCT
	4000K, 3500K	1661	712 / CCT	1362	629 / CCT
	3000K	1599	-	1310	-
	2700K	1577	676 / CCT	1293	597 / CCT
	2450K	-	-	1103	510 / CCT
	2200K	-	-	1063	491 / CCT
Lumen / 3' 3.4", 1MTR (CRI typ 85)	2000K	-	-	975	451 / CCT
	1800K	-	-	863	399 / CCT
Lumen / 3' 3.4", 1MTR (CRI typ 95)	6500K, 5600K	1383	593 / CCT	1134	524 / CCT
	4000K, 3500K	1337	573 / CCT	1096	506 / CCT
	3000K	1286	-	1054	-
	2700K	1269	543 / CCT	1040	480 / CCT
Lumen / 3' 3.4", 1MTR (CRI 90+)	2450K	-	-	838	387 / CCT
	2200K	-	-	745	344 / CCT
Power Consumption (Watt) 3' 3.4", 1Meter		13.8		13.2	12.2
Power Feed direction		END			
Temp(°F / °C)	Tc	140 / 60			135 / 57
Color of Fixture		Fixture : Silver, Matt black, Diffuser : Opaque, Light Opaque, Clear			
Net Wt (lb/g) / 3' 3.4", 1Meter		0.31 / 140			
Feed Accessory		RM, IF, IF4 / LW			
Max PCB length of a single product (ft/mm)		5' 11.57" / 1818	5' 11.77" / 1823	5' 10.87" / 1800	5' 10.87" / 1800
Max Serial run of PCB (ft/mm)		18' / 5488	17' 11.31" / 5469	17' 11.43" / 5472	17' 11.43" / 5472
Ⓞ Add on PCB Length Option (inch/mm)		1.35" / 34.3	2.31" / 58.8	1.42" / 36	2.83" / 72
Total Product Length (inch/mm)		PCB length + 0.31" / 8			

* Lumen value is based on with clear cover. Data is subject to change without notice for improvement

MPB FR		A-◇(H)-1C0-24-34-□-MFRSC2M	A-◇(H)◇(H)-1C0-24-59-□-MFRSC2M	A-◇(H)-25C0-24-36-□-MFRSC2M	A-◇(H)◇(H)-1C0-24-72-□-MFRSC2M
CCT (CRI Option)	Normal White	6500K(95, 85), 5600K(95, 85), 4000K(95, 85)			
	Warm White	3500K(95, 85), 3000K(95, 85), 2700K(95, 85)	2700K(95, 85)	3500K(95, 85), 3000K(95,85), 2700K(95, 85), 2450K(90+, 85), 2200K(90+, 85), 2000K(85), 1800K(85)	2700K(95, 85), 2450K(90+, 85), 2200K(90+, 85), 2000K(85), 1800K(85)
Lumen / 3' 3.4", 1MTR (CRI typ 85)	6500K, 5600K	1658	710 / CCT	1359	628 / CCT
	4000K, 3500K	1601	686 / CCT	1313	607 / CCT
	3000K	1541	-	1263	-
	2700K	1520	651 / CCT	1246	576 / CCT
	2450K	-	-	1063	491 / CCT
	2200K	-	-	1024	473 / CCT
Lumen / 3' 3.4", 1MTR (CRI typ 85)	2000K	-	-	940	434 / CCT
	1800K	-	-	832	385 / CCT
Lumen / 3' 3.4", 1MTR (CRI typ 95)	6500K, 5600K	1333	571 / CCT	1093	505 / CCT
	4000K, 3500K	1288	552 / CCT	1056	488 / CCT
	3000K	1239	-	1016	-
	2700K	1223	524 / CCT	1002	463 / CCT
Lumen / 3' 3.4", 1MTR (CRI 90+)	2450K	-	-	808	373 / CCT
	2000K	-	-	718	332 / CCT
Power Consumption (Watt) 3' 3.4", 1Meter		13.8		13.2	12.2
Power Feed direction		END			
Temp(°F / °C)	Tc	140 / 60			135 / 57
Color of Fixture		Fixture : Silver, Matt black, Diffuser : Opaque			
Net Wt (lb/g) / 3' 3.4", 1Meter		0.31 / 140			
Feed Accessory		RM, IF, IF4 / LW			
Max PCB length of a single product (ft/mm)		5' 11.57" / 1818	5' 11.77" / 1823	5' 10.87" / 1800	5' 10.87" / 1800
Max Serial run of PCB (ft/mm)		18' / 5488	17' 11.31" / 5469	17' 11.43" / 5472	17' 11.43" / 5472
Ⓞ Add on PCB Length Option (inch/mm)		1.35" / 34.3	2.31" / 58.8	1.42" / 36	2.83" / 72
Total Product Length (inch/mm)		PCB length + 0.31" / 8			

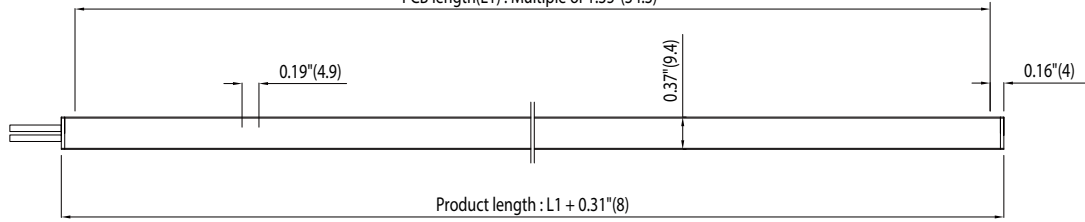
* Data is subject to change without notice for improvement

DIMENSION

(inch / mm)

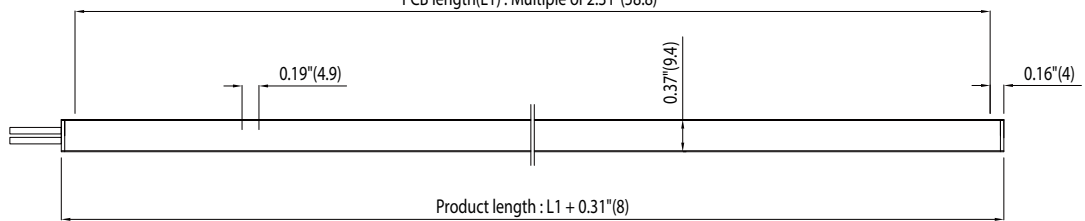
A-◇(H)-1C0-24-34-□-MFSC2(M)

PCB length(L1) : Multiple of 1.35"(34.3)



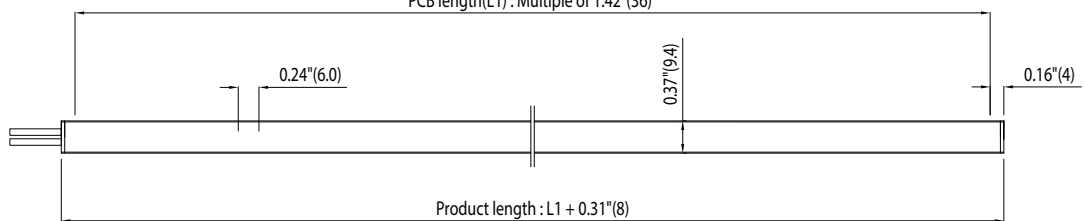
A-◆(H)◇(H)-1C0-24-59-□-MFSC2(M)

PCB length(L1) : Multiple of 2.31"(58.8)



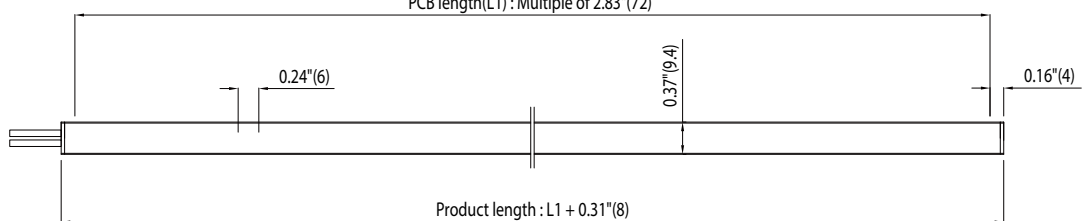
A-◇(H)-2SC0-24-36-□-MFSC2(M)

PCB length(L1) : Multiple of 1.42"(36)



A-◆(H)◇(H)-1C0-24-72-□-MFSC2(M)

PCB length(L1) : Multiple of 2.83"(72)

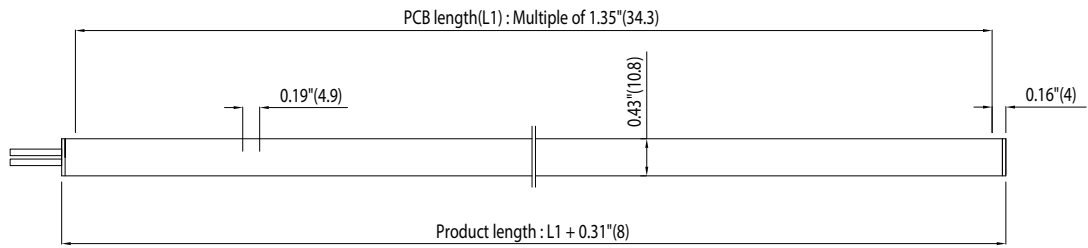


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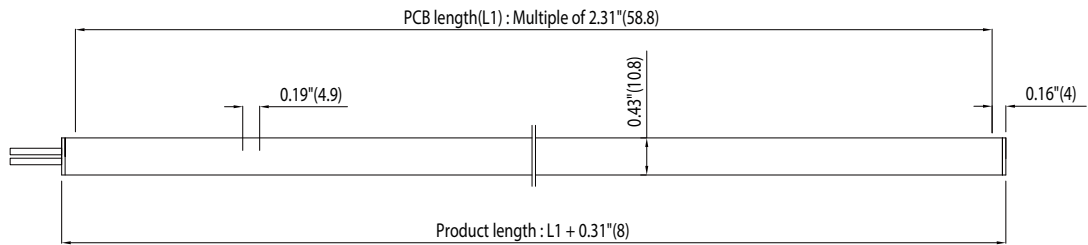
DIMENSION

(inch / mm)

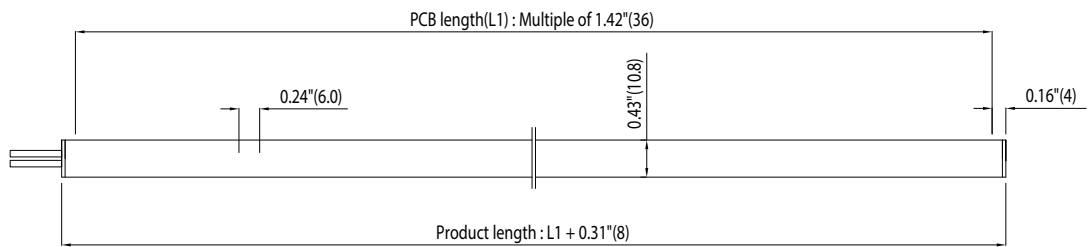
A-◇(H)-1C0-24-34-□-MFRSC2M



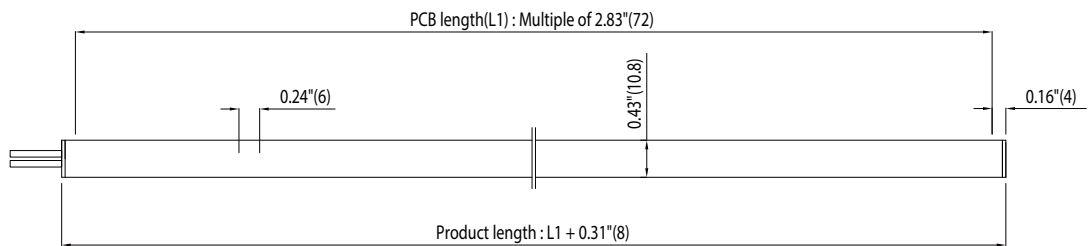
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A-◇(H)-2SC0-24-36-□-MFRSC2M



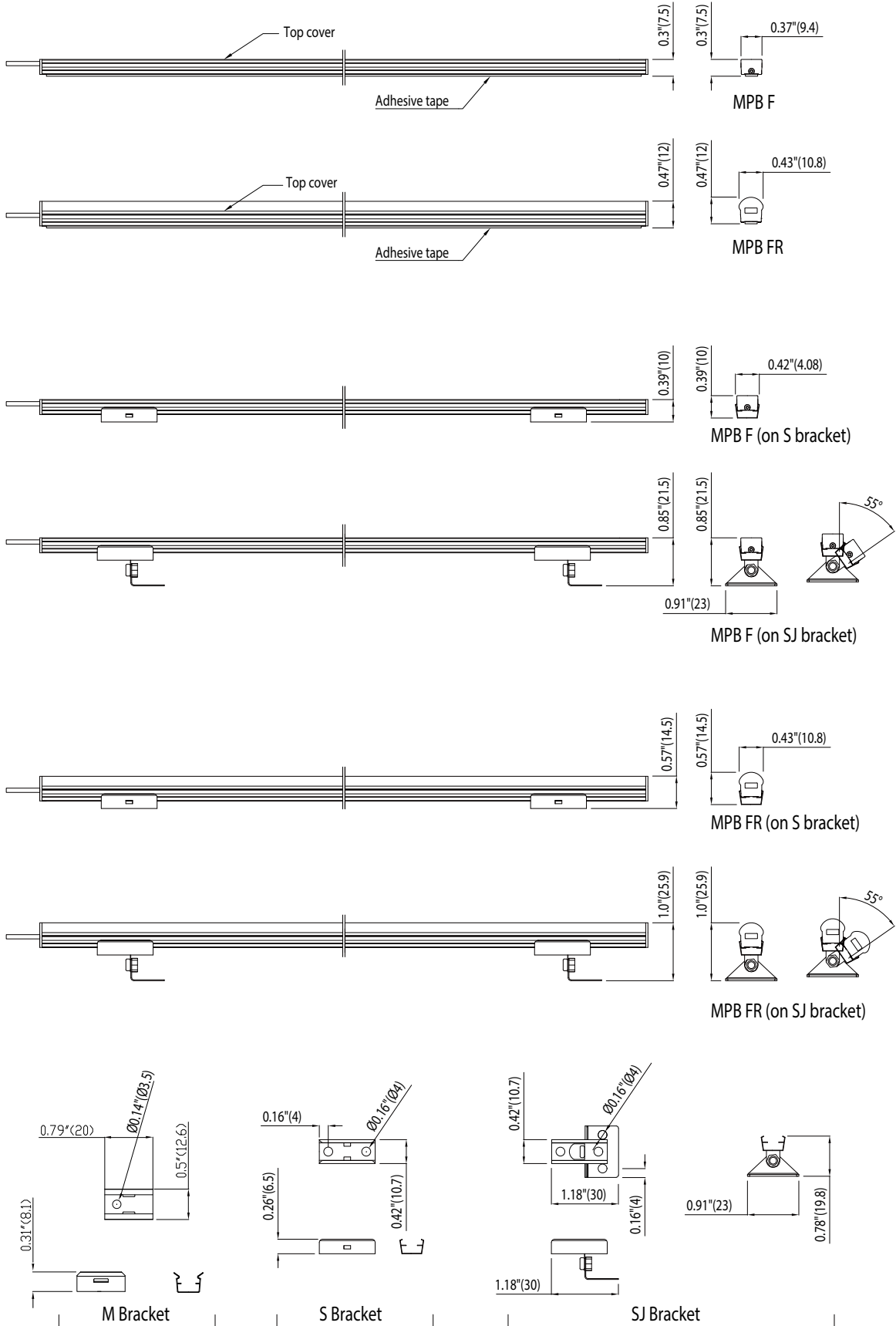
A-◆(H)◇(H)-1C0-24-72-□-MFRSC2M



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DIMENSION

(inch / mm)



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