

MPB NEO i



FEATURES

- Constant current circuit for steady lumen output along the strip.
- Slim and low profiles for elaborate space.
- Narrow oval projection for wall wash with uniquely designed linear lens 60 , 40 , 25 beam angle.
- IP Rate IP40
- Maximized evenness of CCT and brightness by professional bin manager
- 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
- Bespoke option for CCT, CRI, Watt



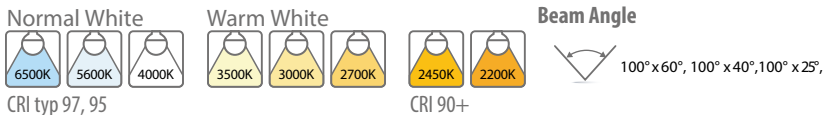
PRODUCT DESCRIPTION CODES / SPECIFICATIONS

A- 27H-1C0-24-50-4- 6SC2

① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩

① NAME ACROSENTEC

② CCT



③ Level of CRI FH : CRI typ 97, H : CRI typ 95, 90+, Blank : CRI typ 85

④ LED pitch(inch/mm) Refer to the Dimension

⑤ Input VOLT(DC) 24 V

⑥ Length of add-on(inch/mm) Refer to the table

⑦ Quantity of add-on Variable

⑧ Product model 6 : MPB NEO i 100° x 60°, 4 : MPB NEO i 100° x 40°, 2 : MPB NEO i 100° x 25°

⑨ Feed receptacle S : Single end LW, B : Both ends LW, RF, RFM, IM, IMF, IM4, IMF4, IM5, IMF5

⑩ IP Rate C2 : IP40

Dimming PWM, DALI, 0-10, DMX

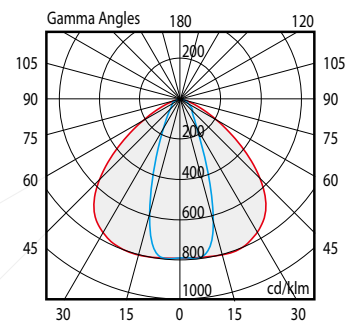
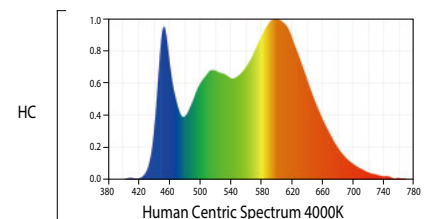
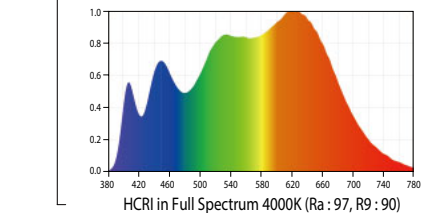
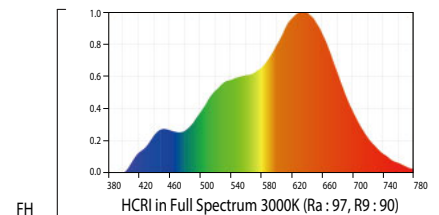
Beam Angle 100°x60°, 100°x40°, 100°x25°20°

Operation Temp(°F/°C) Ta : -13~122 / -25~50

Expected Life Hours 60000 Hrs

Mounting Accessory Bracket (N, NJ) for 60, 40 deg, Bracket (R) for 25 deg Magnet (MG), Tape (DS)

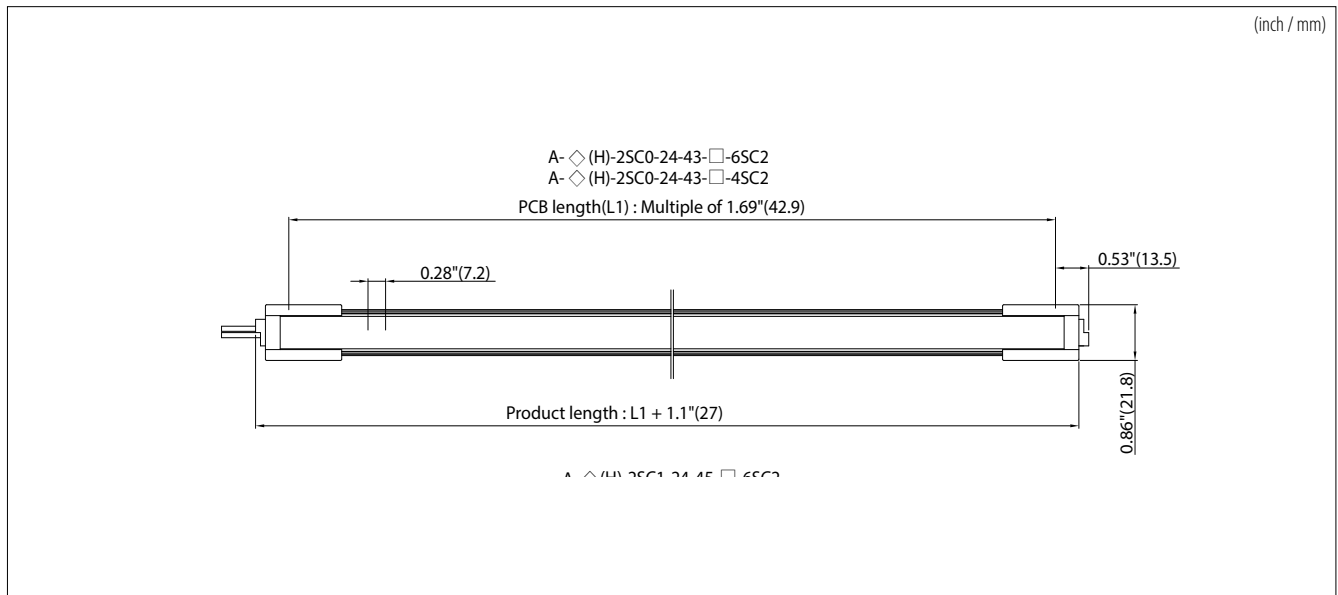
- Bespoke option in FH, HC spectrum -



acrosentec

MPB NEO i		A-◇(H)-2SC0-24-43-□-☆SC2	A-◇(H)-2SC1-24-45-□-☆SC2	A-◇(H)-2SC2-24-56-□-☆SC2	A-◇(H)-2SC3-24-75-□-☆SC2	A-◇(H)-2SC4-24-120-□-☆SC2	A-◇(H)-1C0-24-30-□-☆SC2
Beam angle		100° x 60°, 100° x 40°					
CCT (CRI Option)	Normal White	-					6500K(95, 85) 5600K(95, 85) 4000K(95, 85)
	Warm White	2000K(85), 1800K(85)					3500K(95, 85) 3000K(95, 85) 2700K(95, 85)
Lumen / 3' 3.4", 1MTR (CRI typ 85)	6500K, 5600K	-	-	-	-	-	1896 / 1814
	4000K, 3500K	-	-	-	-	-	1823 / 1745
	3000K	-	-	-	-	-	1761 / 1686
	2700K	-	-	-	-	-	1739 / 1664
	2450K	-	-	-	-	-	-
	2200K	-	-	-	-	-	-
Lumen / 3' 3.4", 1MTR (CRI typ 85)	2000K	1310 / 1253	859 / 822	781 / 747	634 / 607	429 / 411	-
	1800K	1161 / 1110	761 / 729	692 / 662	562 / 538	381 / 364	-
Lumen / 3' 3.4", 1MTR (CRI typ 95)	6500K, 5600K	-	-	-	-	-	1526 / 1460
	4000K, 3500K	-	-	-	-	-	1473 / 1409
	3000K	-	-	-	-	-	1416 / 1355
	2700K	-	-	-	-	-	1397 / 1337
Lumen / 3' 3.4", 1MTR (CRI 90+)	2450K	-	-	-	-	-	-
	2200K	-	-	-	-	-	-
Power Consumption (Watt) 3' 3.4", 1Meter		23.0	17.6	16.0	13	8.8	23
Power Feed direction		END					
Temp(°F / °C) Tc		149 / 65	140 / 60		135 / 57	127 / 53	149 / 65
Color of Fixture		Fixture : Silver, Matt black, Diffuser : Linea lens					
Net Wt (lb/g) / 3' 3.4", 1Meter		0.73 / 330					
Feed Accessory		RM, IF / LW					
Max PCB length of a single product (ft/mm)		6' 5.7" / 1974	6' 6.0" / 1980	6' 5.5" / 1969	6' 7.7" / 2025	6' 8.3" / 2040	6' 6.0" / 1980
Max Serial run of PCB (ft/mm)		12' 9.15" / 3890	16' 4.65" / 4995	16' 4.46" / 4950	16' 4.46" / 4950	16' 1.7" / 4920	11' 9.73" / 3600
⊕ Add on PCB Length Option (inch/mm)		1.69" / 42.9	1.77" / 45	2.21" / 56.3	2.95" / 75	4.72" / 120	1.18" / 30
* Data is subject to change without notice for improvement Total Product Length (inch/mm)		PCB length + 1.1" / 27					

DIMENSION



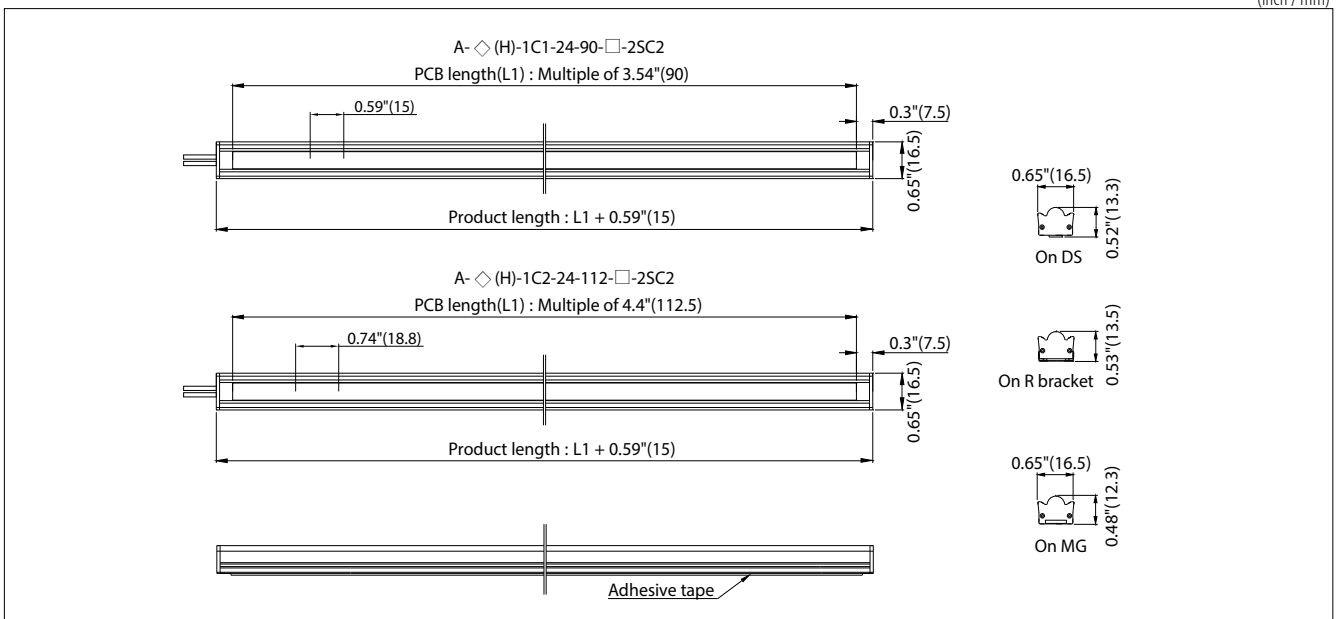
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MPB NEO i		A-◇(H)-1C0-24-50-□-☆SC2	A-◇(H)-1C1-24-90-□-☆SC2	A-◇(H)-1C2-24-112-□-☆SC2	A-◇(H)-1C3-24-150-□-☆SC2	A-◇(H)-1C4-24-240-□-☆SC2	A-◇(H)◇(H)-1C0-24-86-□-☆SC2	A-◇FH-1CD-24-70-□-☆SC2	
Beam angle		100° x 60° 100° x 40°	100° x 60° 100° x 40° 100° x 25°	100° x 60° 100° x 40° 100° x 25°	100° x 60° 100° x 40°	100° x 60° 100° x 40°	100° x 60° 100° x 40°	100° x 60° 100° x 40°	
CCT (CRI Option)	Normal White	6500K(95, 85), 5600K(95, 85), 4000K(95, 85)						6500K(95, 85), 5600K(95, 85), 4000K(95, 85)	6500K(97), 5600K(97), 4000K(97)
	Warm White	3500K(95, 85), 3000K(95, 85), 2700K(95, 85) 2450K(90+, 85), 2200K(90+, 85),						2450K(90+, 85), 2200K(90+, 85), 2000K(85), 1800K(85)	3500K(97), 3000K(97), 2700K(97)
Lumen / 3' 3.4", 1MTR (CRI typ 85)	6500K, 5600K	1896 / 1814	1243 / 1190	1130 / 1082	918 / 879	622 / 595	812 / 770	-	
	4000K, 3500K	1823 / 1745	1195 / 1144	1087 / 1040	883 / 845	598 / 572	781 / 748	-	
	3000K	1761 / 1686	1155 / 1105	1050 / 1005	853 / 816	578 / 553	-	-	
	2700K	1739 / 1664	1140 / 1091	1037 / 992	842 / 806	570 / 546	-	-	
	2450K	1473 / 1409	966 / 924	878 / 840	713 / 683	483 / 462	631 / 604	-	
	2200K	1430 / 1369	938 / 898	853 / 816	693 / 663	469 / 449	613 / 587	-	
Lumen / 3' 3.4", 1MTR (CRI typ 85)	2000K	-	-	-	-	-	561 / 537	-	
	1800K	-	-	-	-	-	498 / 476	-	
Lumen / 3' 3.4", 1MTR (CRI typ 95)	6500K, 5600K	1526 / 1460	1001 / 957	910 / 870	739 / 707	500 / 479	654 / 626	1098 / 1050	
	4000K, 3500K	1473 / 1409	966 / 924	878 / 840	713 / 683	483 / 462	631 / 604	1059 / 1014	
	3000K	1416 / 1355	929 / 889	844 / 808	686 / 657	464 / 442	-	973 / 931	
	2700K	1397 / 1337	916 / 876	833 / 797	677 / 647	458 / 438	-	1005 / 961	
Lumen / 3' 3.4", 1MTR (CRI 90+)	2450K	1128 / 1079	739 / 708	672 / 643	546 / 523	370 / 354	483 / 462	-	
	2200K	1001 / 958	657 / 628	597 / 571	485 / 464	328 / 314	429 / 411	-	
Power Consumption (Watt) 3' 3.4", 1Meter		23	17.6	16.0	13	8.8	23	18.8	
Power Feed direction		END							
Temp(°F / °C) Tc		149 / 65	140 / 60		135 / 57	127 / 53	149 / 65	140 / 60	
Color of Fixture		Fixture : Silver, Matt black, Diffuser : Linea lens							
Net Wt (lb/g) / 3' 3.4", 1Meter		0.55 / 250							
Feed Accessory		RM, RFM, IF, IMF, IF4, IMF4 / LW							
Max PCB length of a single product (ft/mm)		6' 6.8" / 2000	6' 6.0" / 1980	6' 7.7" / 2025	6' 4.8" / 1950	6' 4.8" / 1950	7' 1.1" / 2160	6' 2.8" / 1960	
Max Serial run of PCB (ft/mm)		12' 9.54" / 3900	16' 4.65" / 4995	16' 4.46" / 4950	16' 4.46" / 4950	16' 1.7" / 4920	11' 9.89" / 3604	16' 0.91" / 4900	
⊕ Add on PCB Length Option (inch/mm)		1.97 / 50	3.54" / 90	4.3" / 112.5	5.91" / 150	9.45" / 240	3.38" / 85.8	2.76" / 70	
Total Product Length (inch/mm)		PCB length + 1.1" / 27							

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DIMENSION

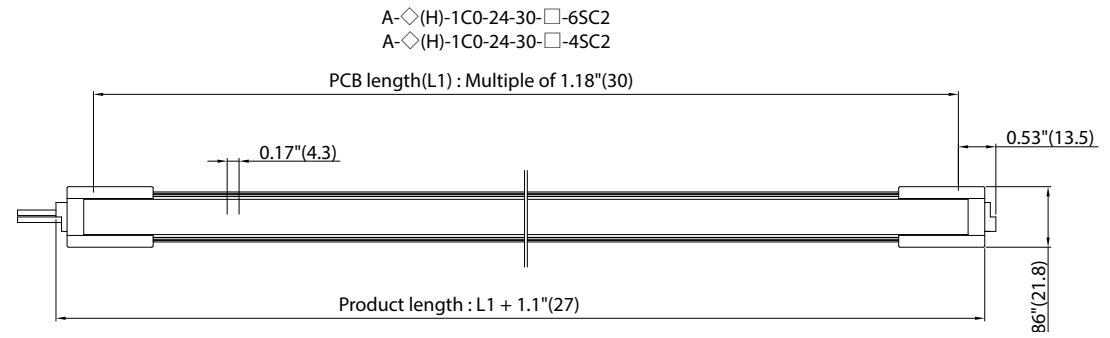
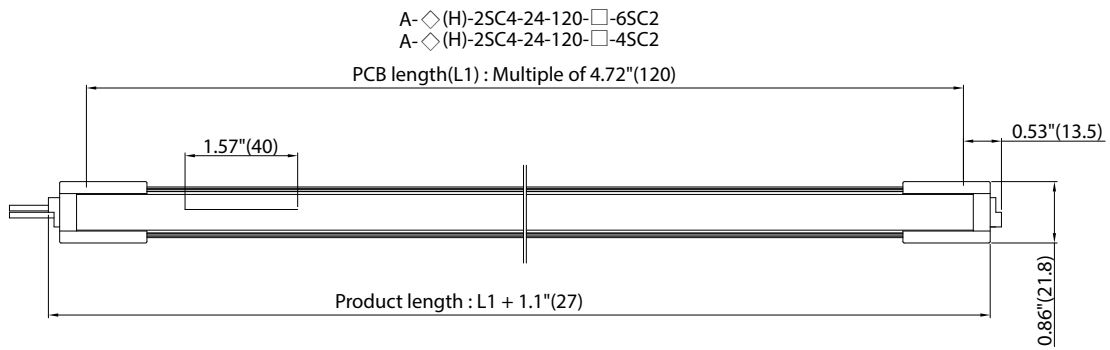
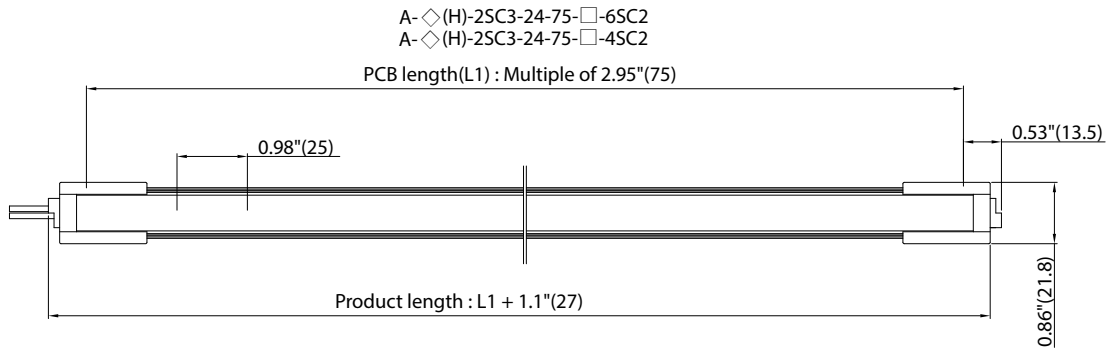
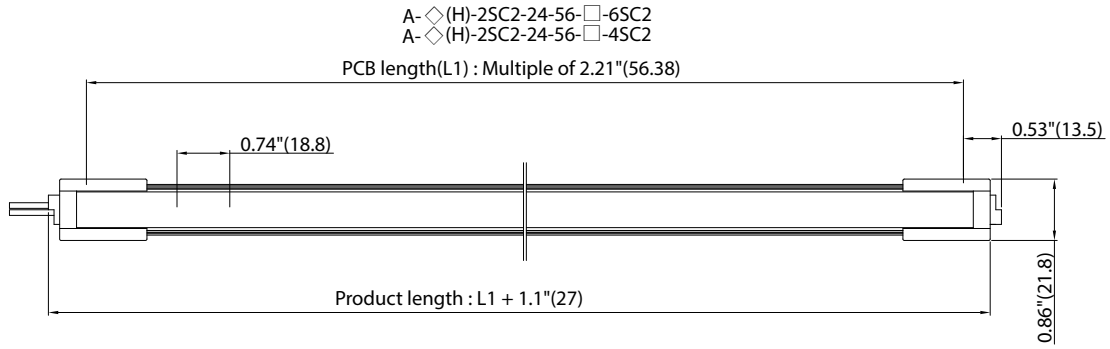
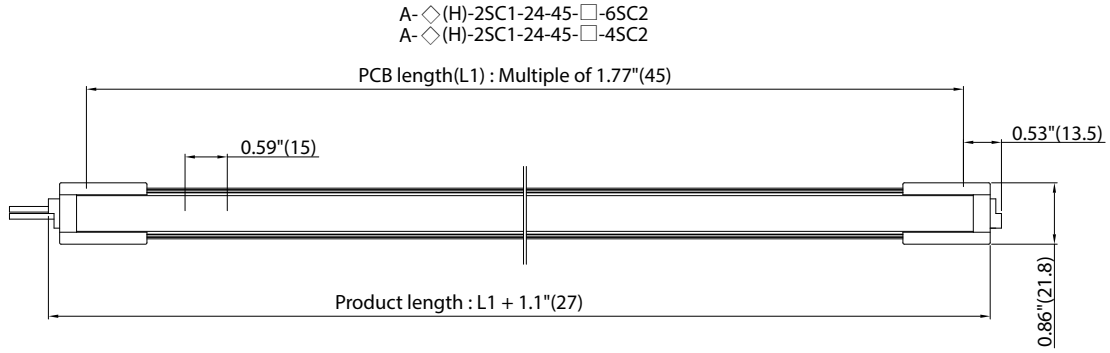
(inch / mm)



* Lumen value is based on with opaque diffuser

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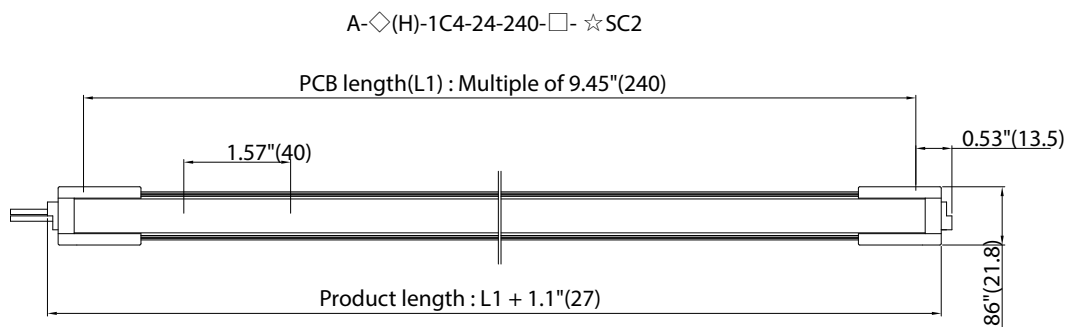
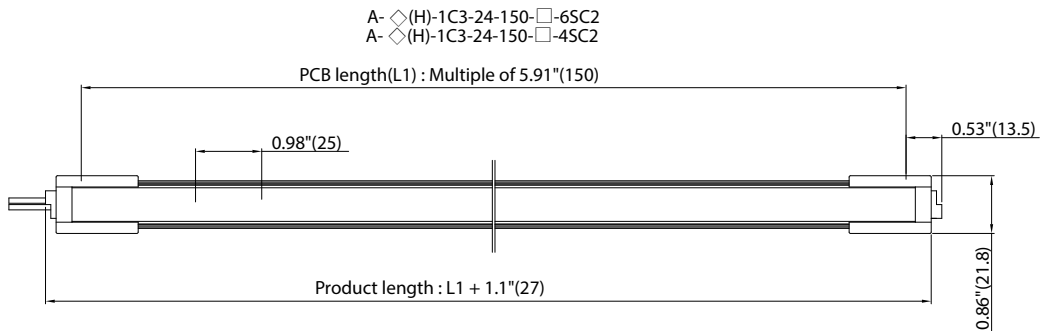
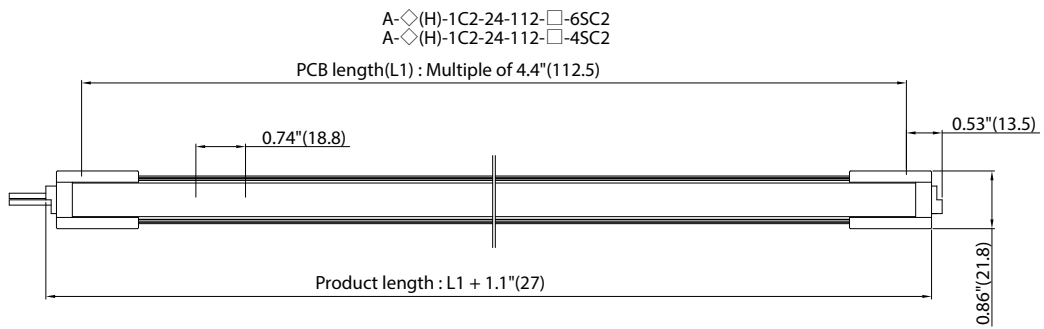
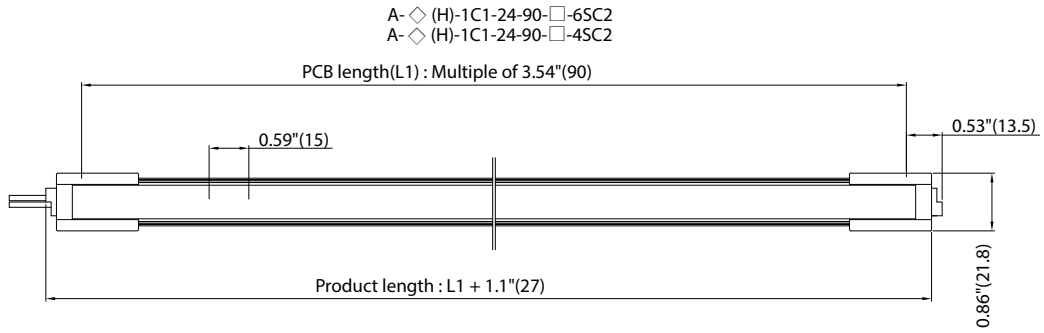
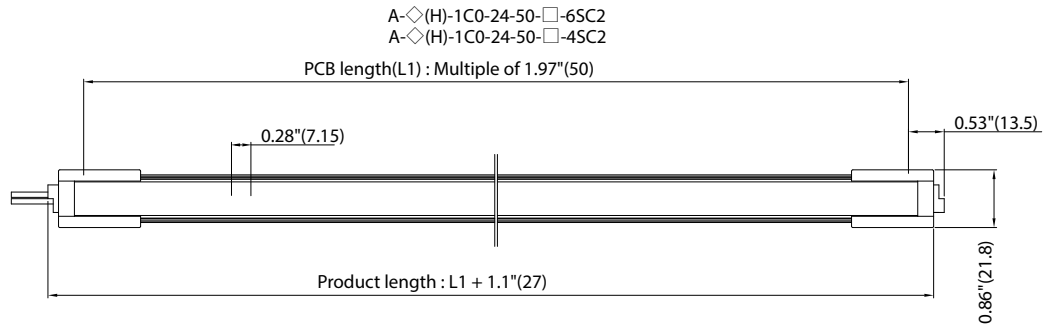
(inch / mm)



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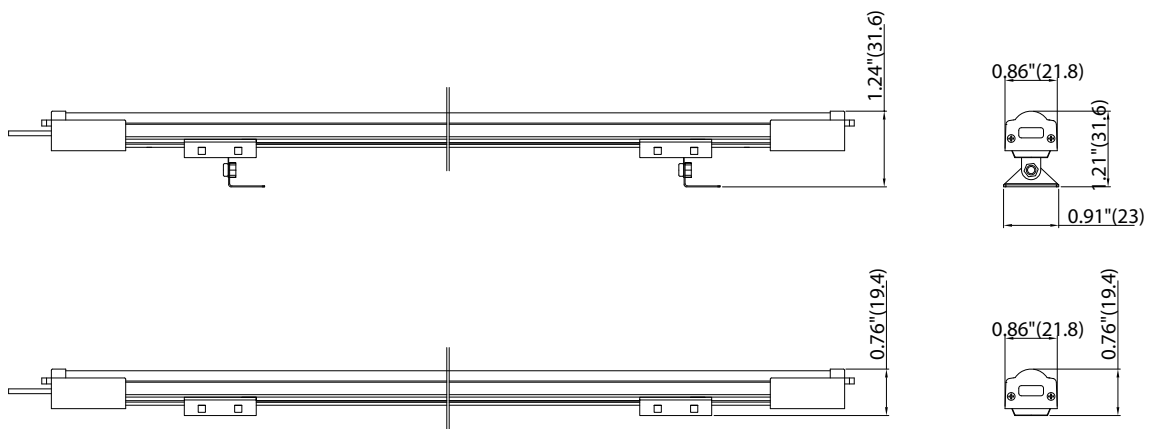
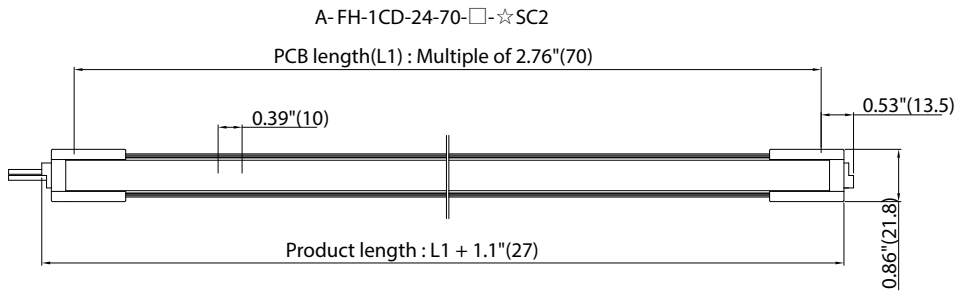
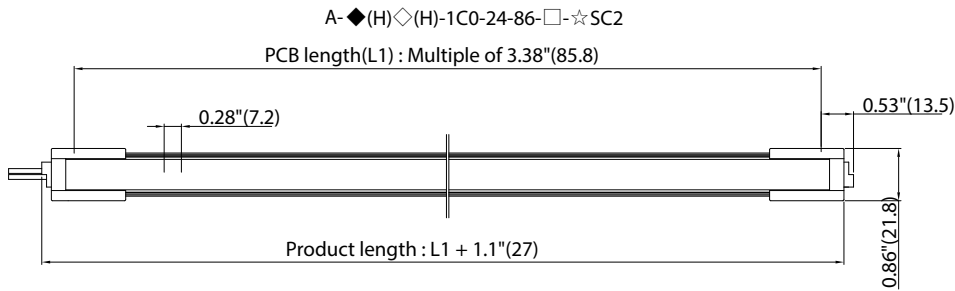
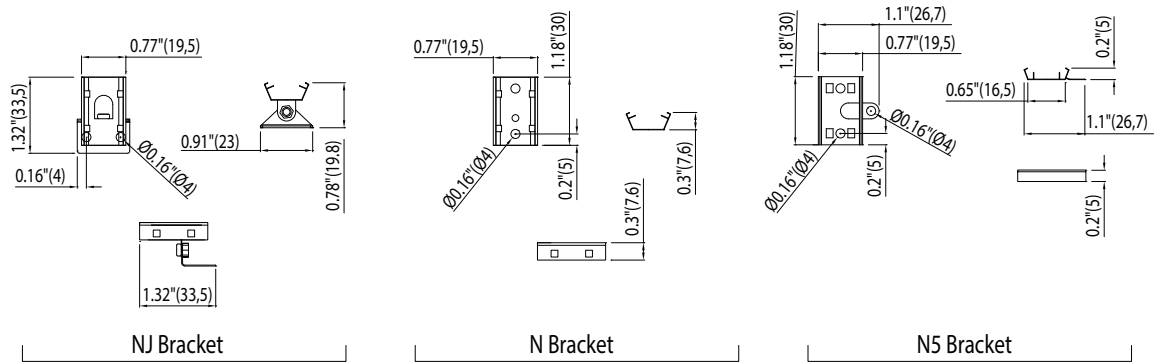
(inch / mm)



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DIMENSION

(inch / mm)



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