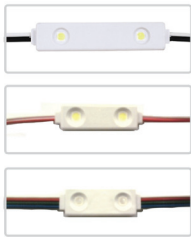




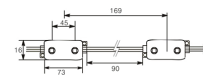
- Low Power consumption with highlight energy converting rate. (90% Compare to Neon)
- Effective visibility with customized design and vivid color for Channel.
- Higher durability, water and dust proof ability.
- Safe use with low electric pressure (DC 12V)
- Lower repair and maintenance cost by semi permanent use.
- Eco-friendly item used and No-harmful gas emission.
- Simple installation.



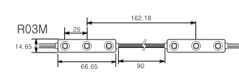
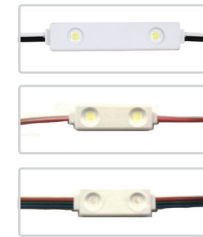
● LED Lighting

LED Lighting Module

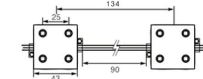
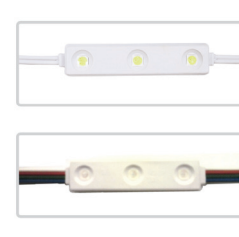
LONG LIFE LED APPLIED
R U N A L U X - v e r . 1 0



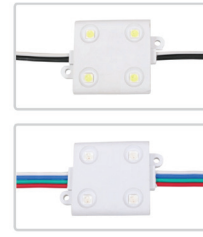
LED A02 Type



LED A03 Type



LED A04 Type



LED A05 Type



■ LED A02 Type

[TA = 25°C]

Model	Size(mm)	Color	Voltage(V)	Electric current(mA)	Electric power(W)	Weight(g)	Emission angle(°)	Brightness(mcd)	Quantity of light(lm)	Advised connection(nm)	LED interval(mm)	Module interval(mm)	Power capacity(W)
HS-A02W	16X79X6.7	White	DC12	40	0.48	14	120	12000	30	430	45	169	(SMPS) Number of Modules x consumed power of Module x 1.3
HS-RGB02	17.65X47.18X7.7	RGB	DC12	Each 20/COLOR	Each 0.24/COLOR	12.6	120	R(1,200) G(2,600) B(800)	R(625) G(525) B(470)	R(3) G(6.5) B(2)	25	133	

■ LED A03 Type

[TA = 25°C]

Model	Size(mm)	Color	Voltage(V)	Electric current(mA)	Electric power(W)	Weight(g)	Emission angle(°)	Brightness(mcd)	Quantity of light(lm)	Wavelength(nm)	LED interval(mm)	Module interval(mm)	Package unit	Power capacity(W)
HS-A03M	14.65 X 72.18 X 7.7	White	DC12	60	0.72	13	120	18000	45	430	45	162.18	50(100)	(SMPS) Number of Modules x consumed power of Module x 1.3
HS-RGB03	17.65 X 72.18 X 7.7	RGB	DC12	Each 20/COLOR	Each 0.24/COLOR	18.1	120	R(1,800) G(3,900) B(1,200)	R(4.5) G(9.75) B(3.6)	R(625) G(525) B(470)	25	150	50(100)	

■ LED A04 Type

[TA = 25°C]

Model	Size(mm)	Color	Voltage(V)	Electric current(mA)	Electric power(W)	Weight(g)	Emission angle(°)	Brightness(cd)	Quantity of light(lm)	Wavelength(nm)	LED interval(mm)	Module interval(mm)	Package unit(EA)	Power capacity(W)
HS-A04W	(Dimension) 43 X 43 X 8	White	DC12	100	1.2	24	120	24	60	430	25 X 25 X 25 X 25	133	50(100)	(SMPS) Number of Modules x consumed power of Module x 1.3
HS-RGB04	(Dimension) 43 X 43 X 8	RGB	DC12	R(50), G(50), B(60)	Each 0.6	26	120	R(3.2) G(6) B(2.0)	R(8.0) G(15) B(5)	R(625) G(525) B(470)	25 X 25 X 25 X 25	133	50(100)	

■ LED A05 Type

[TA = 25°C]

Model	Size(mm)	Color	Voltage(V)	Electric current(mA)	Electric power(W)	Weight(g)	Emission angle(°)	Brightness(mcd)	Quantity of light(lm)	Wavelength(nm)	LED interval(mm)	Module interval(mm)	Package unit(EA)	Power capacity(W)
HS-A05 CT	(Dimension) 48 X 56 X 8	White	DC12	100	1.2	31	120	30000	75	430	24.18	145	50(100)	(SMPS) Number of Modules x consumed power of Module x 1.3