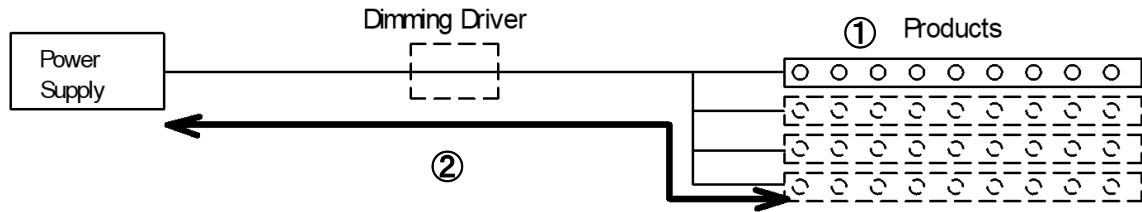


## Length of the Products and Wires

<b>Product</b>	<b>GMV10</b>
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Power consumption: 8W/m  
Maximum series connectios length 5m



### ①Connectable Total Length of the Products. (When use HLG power supply)

- Please use the power supply at 70% output, for the long tern reliability.
- If total length of the products exceed "Maximum series connectios length", connect them in parallel.

Power supply	Rated output	Recommended output	Connectable Length
HLG-60H-24	60.0 W	42.0 W	5.3 m
HLG-100H-24	96.0 W	67.0 W	8.4 m
HLG-150H-24	150.0 W	105.0 W	13.1 m
HLG-240H-24	240.0 W	168.0 W	21.0 m
HLG-320H-24	320.0 W	224.0 W	28.0 m
-	-	-	-
-	-	-	-

### ②Recommended longest wire length

The maximum wiring length from power supply to light fixture (via dimming driver) is recommended as follows:

- When paralle connecting, each wiring lengths should be less than the maximum recommended wiring length, and even as possil
- "Total Product Length" in the table below is the total length of products, including parallel and series connections.
- When long lamps is necessary, divide them in parallel not to exceed "maximum series connection length".
- Use a power supply that have "Recommende output" that is greater than "Total power consumption".

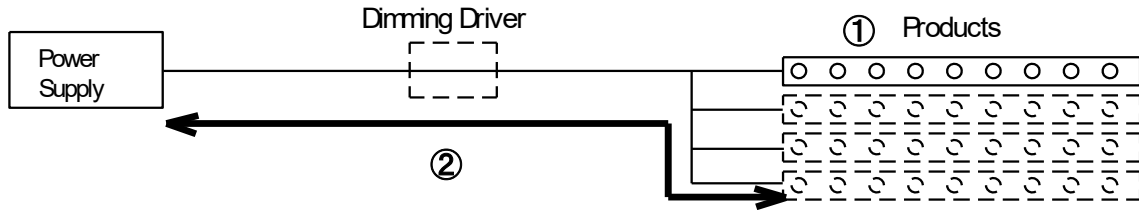
Cable Cores: 2C		VCTF/Twisted wire (mm <sup>2</sup> )			VVF/Single Wire (φmm)		
Total Product	Total Power consumption	0.75sq/2C	1.25sq/2C	2sq/2C	1.6mm/2C	2mm/2C	2.6mm/2C
0.5 m	4.0 W	63 m	105 m	169 m	169 m	265 m	447 m
1.0 m	8.0 W	32 m	53 m	84 m	85 m	132 m	224 m
1.5 m	12.0 W	21 m	35 m	56 m	56 m	88 m	149 m
2.0 m	16.0 W	16 m	26 m	42 m	42 m	66 m	112 m
2.5 m	20.0 W	13 m	21 m	34 m	34 m	53 m	89 m
3.0 m	24.0 W	11 m	18 m	28 m	28 m	44 m	75 m
3.5 m	28.0 W	9 m	15 m	24 m	24 m	38 m	64 m
4.0 m	32.0 W	8 m	13 m	21 m	21 m	33 m	56 m
4.5 m	36.0 W	7 m	12 m	19 m	19 m	29 m	50 m
5.0 m	40.0 W	6 m	11 m	17 m	17 m	26 m	45 m
5.5 m	44.0 W	6 m	10 m	15 m	15 m	24 m	41 m
6.0 m	48.0 W	5 m	9 m	14 m	14 m	22 m	37 m
6.5 m	52.0 W	5 m	8 m	13 m	13 m	20 m	34 m
7.0 m	56.0 W	5 m	8 m	12 m	12 m	19 m	32 m
7.5 m	60.0 W	4 m	7 m	11 m	11 m	18 m	30 m
8.0 m	64.0 W	4 m	7 m	11 m	11 m	17 m	28 m
8.5 m	68.0 W	4 m	6 m	10 m	10 m	16 m	26 m
9.0 m	72.0 W	4 m	6 m	9 m	9 m	15 m	25 m
9.5 m	76.0 W	3 m	6 m	9 m	9 m	14 m	24 m
10.0 m	80.0 W	3 m	5 m	8 m	8 m	13 m	22 m

Above are approximate values.

## Length of the Products and Wires

<b>Product</b>	<b>GMV10-05L</b>
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Power consumption: 4W/m  
Maximum series connectios length 7m



### ① Connectable Total Length of the Products. (When use HLG power supply)

- Please use the power supply at 70% output, for the long term reliability.
- If total length of the products exceed "Maximum series connectios length", connect them in parallel.

Power supply	Rated output	Recommended output	Connectable Length
HLG-60H-24	60.0 W	42.0 W	10.5 m
HLG-100H-24	96.0 W	67.0 W	16.8 m
HLG-150H-24	150.0 W	105.0 W	26.3 m
HLG-240H-24	240.0 W	168.0 W	42.0 m
HLG-320H-24	320.0 W	224.0 W	56.0 m
-	-	-	-
-	-	-	-

### ② Recommended longest wire length

The maximum wiring length from power supply to light fixture (via dimming driver) is recommended as follows:

- When paralle connecting, each wiring lengths should be less than the maximum recommended wiring length, and even as poss
- "Total Product Length" in the table below is the total length of products, including parallel and series connections.
- When long lamps is necessary, divide them in parallel not to exceed "maximum series connection length".
- Use a power supply that have "Recommende output" that is greater than "Total power consumption".

Cable Cores: 2C		VCTF/Twisted wire (mm <sup>2</sup> )			VVF/Single Wire (φmm)		
Product Length	Power consumption	0.75sq/2C	1.25sq/2C	2sq/2C	1.6mm/2C	2mm/2C	2.6mm/2C
0.5 m	2.0 W	126 m	211 m	337 m	339 m	529 m	894 m
1.0 m	4.0 W	63 m	105 m	169 m	169 m	265 m	447 m
1.5 m	6.0 W	42 m	70 m	112 m	113 m	176 m	298 m
2.0 m	8.0 W	32 m	53 m	84 m	85 m	132 m	224 m
2.5 m	10.0 W	25 m	42 m	67 m	68 m	106 m	179 m
3.0 m	12.0 W	21 m	35 m	56 m	56 m	88 m	149 m
3.5 m	14.0 W	18 m	30 m	48 m	48 m	76 m	128 m
4.0 m	16.0 W	16 m	26 m	42 m	42 m	66 m	112 m
4.5 m	18.0 W	14 m	23 m	37 m	38 m	59 m	99 m
5.0 m	20.0 W	13 m	21 m	34 m	34 m	53 m	89 m
5.5 m	22.0 W	11 m	19 m	31 m	31 m	48 m	81 m
6.0 m	24.0 W	11 m	18 m	28 m	28 m	44 m	75 m
6.5 m	26.0 W	10 m	16 m	26 m	26 m	41 m	69 m
7.0 m	28.0 W	9 m	15 m	24 m	24 m	38 m	64 m
7.5 m	30.0 W	8 m	14 m	22 m	23 m	35 m	60 m
8.0 m	32.0 W	8 m	13 m	21 m	21 m	33 m	56 m
8.5 m	34.0 W	7 m	12 m	20 m	20 m	31 m	53 m
9.0 m	36.0 W	7 m	12 m	19 m	19 m	29 m	50 m
9.5 m	38.0 W	7 m	11 m	18 m	18 m	28 m	47 m
10.0 m	40.0 W	6 m	11 m	17 m	17 m	26 m	45 m

Above are approximate values.