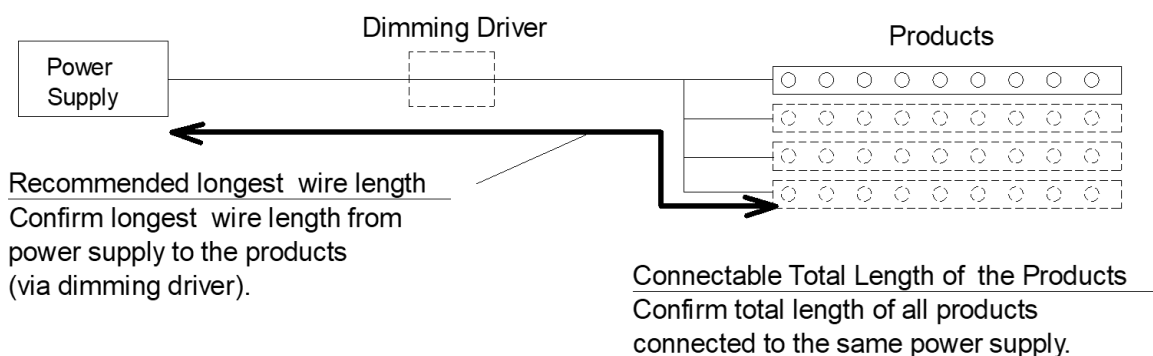


Length of the Products and Wires

Product	TLS(White)
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Power consumption: 5W/m



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 connections length", connect them in parallel.

Power supply	Rated output	Recommended output	Connectable Length
HLG-60H-24	60.0 W	42.0 W	8.4 m
HLG-100H-24	96.0 W	67.0 W	13.4 m
HLG-150H-24	150.0 W	105.0 W	21.0 m
HLG-240H-24	240.0 W	168.0 W	33.6 m
HLG-320H-24	320.0 W	224.0 W	44.8 m
-	-	-	-
-	-	-	-

Recommended longest wire length from power supply to the products

- If the wiring exceeds the following length, brightness reduction may be conspicuous.
- When using multiple products, wiring to each products should be the same length.

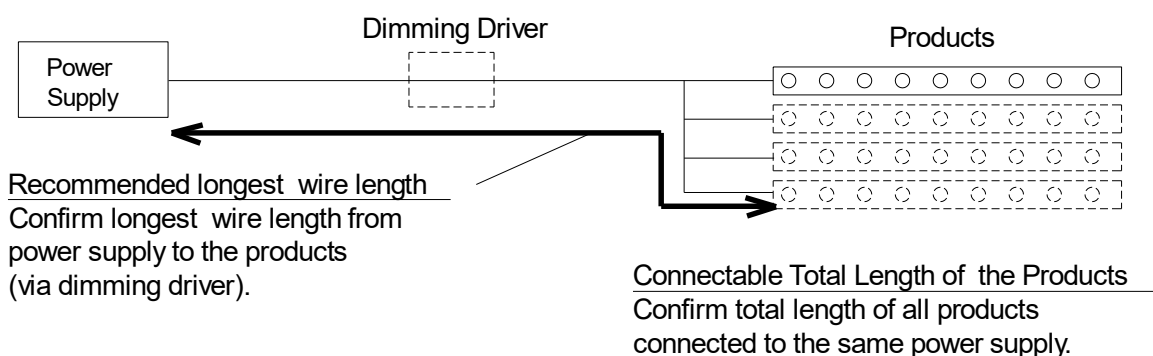
Cable Cores: 2C		VCTF/Twisted wire (mm ²)			VVF/Single Wire (φmm)		
Product Length	Power consumption	0.75sq/2C	1.25sq/2C	2sq/2C	1.6mm/2C	2mm/2C	2.6mm/2C
0.5 m	2.5 W	101 m	169 m	270 m	271 m	423 m	715 m
1.0 m	5.0 W	51 m	84 m	135 m	135 m	212 m	358 m
1.5 m	7.5 W	34 m	56 m	90 m	90 m	141 m	238 m
2.0 m	10.0 W	25 m	42 m	67 m	68 m	106 m	179 m
2.5 m	12.5 W	20 m	34 m	54 m	54 m	85 m	143 m
3.0 m	15.0 W	17 m	28 m	45 m	45 m	71 m	119 m
3.5 m	17.5 W	14 m	24 m	39 m	39 m	60 m	102 m
4.0 m	20.0 W	13 m	21 m	34 m	34 m	53 m	89 m
4.5 m	22.5 W	11 m	19 m	30 m	30 m	47 m	79 m
5.0 m	25.0 W	10 m	17 m	27 m	27 m	42 m	72 m
5.5 m	27.5 W	9 m	15 m	25 m	25 m	38 m	65 m
6.0 m	30.0 W	8 m	14 m	22 m	23 m	35 m	60 m
6.5 m	32.5 W	8 m	13 m	21 m	21 m	33 m	55 m
7.0 m	35.0 W	7 m	12 m	19 m	19 m	30 m	51 m
7.5 m	37.5 W	7 m	11 m	18 m	18 m	28 m	48 m
8.0 m	40.0 W	6 m	11 m	17 m	17 m	26 m	45 m
8.5 m	42.5 W	6 m	10 m	16 m	16 m	25 m	42 m
9.0 m	45.0 W	6 m	9 m	15 m	15 m	24 m	40 m
9.5 m	47.5 W	5 m	9 m	14 m	14 m	22 m	38 m
10.0 m	50.0 W	5 m	8 m	13 m	14 m	21 m	36 m

Above are approximate values.

Length of the Products and Wires

Product	TLS(Blue_Red)
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Power consumption: 8W/m



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 connections length", connect them in parallel.

Power supply	Rated output	Recommended output	Connectable Length
HLG-60H-24	60.0 W	42.0 W	5.2 m
HLG-100H-24	96.0 W	67.0 W	8.3 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
-	-	-	-
-	-	-	-

Recommended longest wire length from power supply to the products

- If the wiring exceeds the following length, brightness reduction may be conspicuous.
- When using multiple products, wiring to each products should be the same length.

Cable Cores: 2C		VCTF/Twisted wire (mm ²)			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	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.