

## Lighting box information:

Single side light box, back board reflection rate **~70%**.

Transparent material: **PLEXIGLAS** 3mm thickness sheet, **WH02**(light transmission rate **44%**, lower light scattering), **WH73**(light transmission rate **23%**, higher light scattering).

Product parameter		
Input Voltage	DC12V	DC24V
Power	0.36W	0.36W
Luminous Flux	61lm	54lm
Lifetime	5 years	5 years
Dimension	L26xW16xH11mm	L26xW16xH11mm
Qty./chain	20pcs	30pcs



AV0027MY-E			PLEXIGLAS WH02 diffuser sheet				PLEXIGLAS WH73 diffuser sheet				
Depth mm	Module distance (center to center) mm		Qty. pcs	Illu. lx	Lum. nit	MIN./ AVE.	MIN./ MAX.	Illu. lx	Lum. nit	MIN./ AVE.	MIN./ MAX.
30	x:60	y:60	289	\	\	\	\	6060	1636	78.9%	66.7%
40	x:60	y:60	289	\	\	\	\	5810	1569	81.2%	69.0%
50	x:60	y:60	289	6815	1840	73.6%	63.3%	5361	1447	81.2%	72.7%
60	x:60	y:100	170	3913	1056	79.6%	70.8%	3238	874	82.3%	71.8%
70	x:60	y:100	170	3757	1014	82.0%	73.4%	3027	817	84.5%	76.3%
80	x:60	y:100	170	3447	931	87.5%	78.9%	2851	770	87.9%	80.2%

\ Not recommended to use.

Product parameter		
Input Voltage	DC12V	DC24V
Power	0.72W	0.72W
Luminous Flux	123lm	123lm
Lifetime	5 years	5 years
Dimension	L50xW16xH11mm	L50xW16xH11mm
Qty./chain	20pcs	30pcs

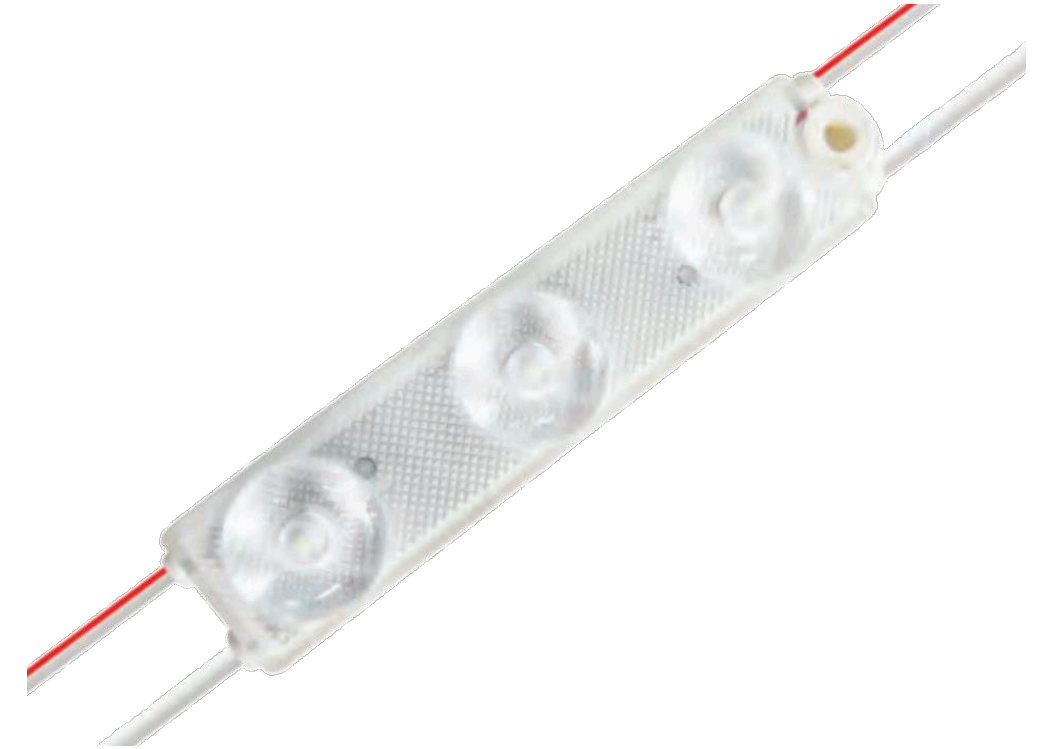


AV0028MY-E			PLEXIGLAS WH02 diffuser sheet				PLEXIGLAS WH73 diffuser sheet				
Depth mm	Module distance (center to center) mm		Qty. pcs	Illu. lx	Lum. nit	MIN./ AVE.	MIN./ MAX.	Illu. lx	Lum. nit	MIN./ AVE.	MIN./ MAX.
50	x:120	y:120	64	4721	1275	90.9%	86.7%	4189	1131	89.0%	84.4%
60	x:120	y:120	64	4506	1217	91.7%	86.0%	4011	1083	91.0%	85.9%
70	x:120	y:120	64	4255	1149	93.2%	86.4%	3825	1033	91.6%	88.0%
80	x:120	y:180	48	3440	929	94.8%	91.1%	2721	735	92.2%	88.4%
90	x:120	y:180	48	3220	869	94.1%	89.1%	2563	692	91.3%	86.3%
100	x:120	y:180	48	2866	774	90.7%	87.0%	2341	632	94.8%	90.6%

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Product parameter		
Input Voltage	DC12V	DC24V
Power	1.08W	1.08W
Luminous Flux	183lm	162lm
Lifetime	5 years	5 years
Dimension	L74xW16xH11mm	L74xW16xH11mm
Qty./chain	20pcs	30pcs



AV0029MY-E			PLEXIGLAS WH02 diffuser sheet				PLEXIGLAS WH73 diffuser sheet				
Depth mm	Module distance (center to center) mm		Qty. pcs	Illu. lx	Lum. nit	MIN./ AVE.	MIN./ MAX.	Illu. lx	Lum. nit	MIN./ AVE.	MIN./ MAX.
80	x:135	y:220	35	3287	1001	89.0%	84.4%	2657	887	97.7%	95.8%
90	x:135	y:220	35	3223	958	91.0%	85.9%	2547	870	96.9%	93.1%
100	x:135	y:220	35	3082	914	91.6%	88.0%	2450	832	97.9%	95.5%
120	x:135	y:220	35	2870	650	92.2%	88.4%	2282	775	96.2%	92.9%
150	x:135	y:220	35	2585	612	91.3%	86.3%	1959	698	96.2%	93.4%
200	x:135	y:220	35	2168	559	94.8%	90.6%	1567	585	96.2%	93.4%

Product parameter		
Input Voltage	DC12V	DC24V
Power	1.44W	1.44W
Luminous Flux	245lm	245lm
Lifetime	5 years	5 years
Dimension	L44xW38xH11mm	L44xW38xH11mm
Qty./chain	20pcs	30pcs



4 LED			PLEXIGLAS WH02 diffuser sheet				PLEXIGLAS WH73 diffuser sheet				
Depth mm	Module distance (center to center) mm		Qty. pcs	Illu. lx	Lum. nit	MIN./ AVE.	MIN./ MAX.	Illu. lx	Lum. nit	MIN./ AVE.	MIN./ MAX.
100	x:200	y:260	20	2533	684	80.1%	73.0%	1994	538	82.3%	72.4%
120	x:200	y:260	20	2421	654	81.8%	73.3%	1979	534	82.9%	73.9%
150	x:200	y:260	20	2274	614	84.4%	76.8%	1836	496	82.5%	72.8%
180	x:200	y:260	20	2177	588	88.7%	83.2%	1719	464	83.4%	75.6%
200	x:200	y:260	20	2100	567	87.6%	81.8%	1647	445	86.8%	80.0%
250	x:200	y:260	20	1942	524	87.6%	81.8%	1481	400	86.8%	80.0%

Note:

1. Short for name in table: Illu.: average illuminance, Lum.: average luminance, Min.: minimum value, Max.: maximum value, Ave.: average value.
2. All the values are measured based on single lighting box with back board reflection rate ~70%, and **PLEXIGLAS** 3mm thickness sheet, **WH02**(light transmission rate **44%**, lower light scattering), **WH73**(light transmission rate **23%**, higher light scattering).
3. **All the data is just for reference, final lighting effect will depend on the actual lighting box situation.**
4. All the measured data has  $\pm 2\%$  tolerance.