

DIFFUSERS

U.12.23.13

All dimensions shown are nominal.



Item #	Material	Color	Height	Width	Neck
AO13PC	Polycarbonate	CL	13"	8.25"	4"
AO16PE	Polyethylene	WH	16.5"	10.75"	6"
AO16PC	Polycarbonate	CL	16.5"	10.75"	6"
AO16PCN	Polycarbonate (Neckless)	CL	16"	10.75"	5.25" **
AO21PC	Polycarbonate	CL, WH	21"	14"	8"
AO21DR*	DR Acrylic	CL	21"	14"	8"
AO25PC	Polycarbonate	CL, WH	25"	16.5"	8"
AO25DR*	DR Acrylic	CL	25"	16.5"	8"
AP16PE	Polyethylene	WH	16.5"	12"	4"
AP24PE	Polyethylene	WH	23"	15"	8"
AP24PC	Polycarbonate	CL, WH	23.5"	15"	8"
AP24DR	DR Acrylic	CL	23.25"	15.25"	8"
AR18PC	Polycarbonate	CL	17.5"	13"	8"
AR20PC	Polycarbonate	CL	20"	16"	8"
AR20DR*	DR Acrylic	CL	20"	16"	8"

To order specify Item # and color. i.e.

AO25PC-CL

*Impact Modified DR Acrylic has better resistance to yellowing than polycarbonate.

**indicates a neckless opening



Item #	Refractive Material	Color	Height	Width	Neck
AO28PC-T3	Polycarbonate	CL	27.7"	15.9"	9.2"
AO28PC-T5	Polycarbonate	CL	27.7"	15.9"	9.2"
AO28AC-T3	Acrylic	CL	27.7"	15.9"	9.2"
AO28AC-T5	Acrylic	CL	27.7"	15.9"	9.2"
AR18GL-T3	Borosilicate Glass	CL	18.25"	13.25"	7"
AR18GL-T5	Borosilicate Glass	CL	18.25"	13.25"	7"
ARP23PC-T3	Polycarbonate	CL	23.16"	15.9"	9.2"
ARP23PC-T5	Polycarbonate	CL	23.16"	15.9"	9.2"
ARP23AC-T3	Acrylic	CL	23.16"	15.9"	9.2"
ARP23AC-T5	Acrylic	CL	23.16"	15.9"	9.2"

Complete part #'s are shown in Item #



Item #	Material	Nec(K) or (N)eckless	Nec(K)	Color	(N)eckless
G10	AC, PC	K, N	4"	WH, CL, BR	5.25"
G12	AC, PC	K, N	4"	WH, CL, BR	5.25"
G16	AC, PC	K, N	* 6", 8"	WH, CL, BR	5.25"
G18	AC, PC	K, N	* 6", 8"	WH, CL, BR	5.25"
G20	AC, PC	K, N	* 6", 8"	WH, CL, BR	5.25"
G22	AC	K, N	8"	WH, CL	8.25"

Assemble part #'s as shown.

G16 AC K 6 - WH

(AC) Acrylic, (PC) Polycarbonate

* When two choices are available, specify neck size

Material Properties

Polyethylene (PE) - Typically the least expensive material with the lowest heat resistance. It will yellow over time. Available only in a dull white color. PE is a soft plastic that is not easily breakable.

Acrylic (AC) - Midrange cost and heat resistance. Available in white, clear or bronze colors with a glossy glass like appearance. Acrylic shows virtually no yellowing over time. Much more fragile than PE.

Polycarbonate (PC) - Higher cost and most heat tolerance.

Available in white or clear, with a glossy, glass like appearance. PC will yellow over time but is very good for vandal prone areas.

DR Acrylic (DR) - Higher cost and good heat resistance. Much slower yellowing than PC and higher breakage resistance than AC.

Amerlux reserves the right to change details that do not affect overall function and performance.