



Lighten Up: Designing Lighting Systems

Light and Optical Engineering

Item Number	Item Description	Kit Quantity
Consumables		
16429	BATTERY, AA, NONALKALINE SET/4	1
16432	BATTERY, D, NONALKALINE SET/2	11
30193	CARDS, INDEX, 3X5" BLANK, PK/100	1
30198	CARDS, INDEX, 5X8", PK/100	1
75227	CARDSTOCK, WHITE, SHEET	10
61205-1	MYLAR SHEET, 9X9" SILVER	10
845B	PAPER, CONSTRUCTION, BLACK PK/50	1
10012A	PIPE CLEANERS, ASST COLORS, 12" PK/100	1
30205-50	STICK, CRAFT PK/50	2
MT317	TAPE, MASKING, 1" X 60 YDS	10
77035	TAPE, TRANSPARENT, 3/4" W/DISPENSER	12
46236-1	TISSUE PAPER, 9X12" SHEET	1
50652	TRANSPARENCY, ACETATE, EACH	10
30466	YARN, RED, POLYESTER, 3 OZ	1

Nonconsumables

PB12	BAG, ZIP-TOP PLST 6X8 INCH	20
83107	BOX W/LID, 12X7X4"	10
50713	CLIP, BINDER, MEDIUM PK/12	9
12003	FLASHLIGHT, PLASTIC	10
50572	HOLE PUNCH	1
77016	KNIFE, UTILITY	1
4458	MIRROR, PLASTIC, 4X6" SET/4	8
4440A	MIRROR, SMALL, SET/4	15
46215-12	RULER, PLASTIC W/GROOVE PK/12	1
83304SP	TOY, FIBER OPTIC WAND	1

Packaging

77321	BIN, CLEAR PLASTIC W/LID 21X15X10	1
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The following items are not included in the kit and will need to be supplied by the user:

	BOX, COPY PAPER SIZE (approx. 17" x 12" x 9"/43.2 x 30.5 x 22.9 cm)	10
	CHART PAPER	1 pad
	MARKER, PERMANENT	1
	PENCIL	1
	SCISSORS	10

Note: Materials list is compiled for a classroom of 30 students.