

## EMILY-W

~40° wide beam 14.74 mm high lens.

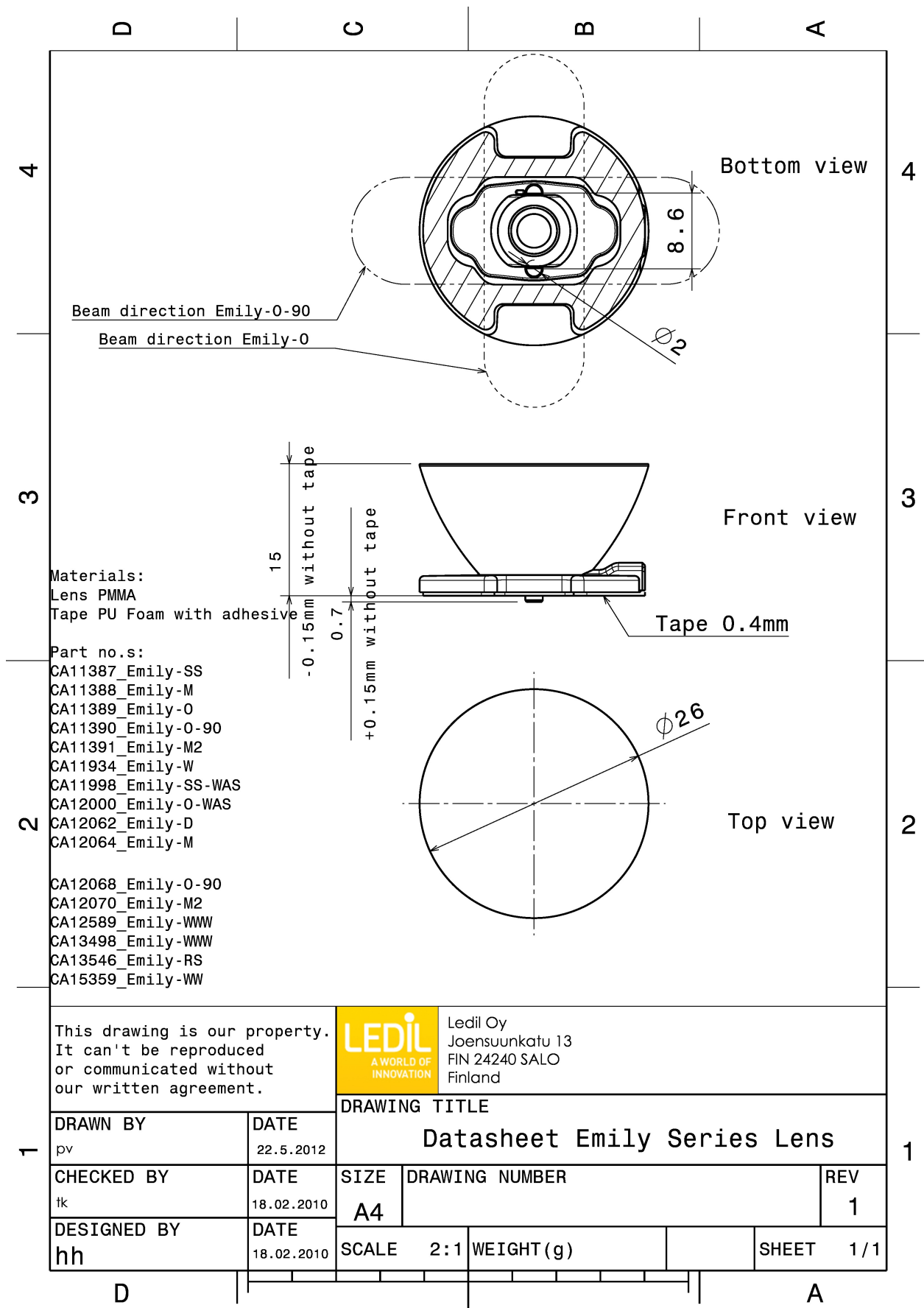
### TECHNICAL SPECIFICATIONS:

Dimensions	Ø 26.0 mm
Height	14.7 mm
Fastening	tape, pin
Colour	clear
Box size	480 x 280 x 300 mm
Box weight	11.8 kg
Quantity in Box	1690 pcs
ROHS compliant	yes ⓘ



### MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour
EMILY-W	Lens	PMMA	clear
SPUTNIK-TAPE	Tape	PU tape	black



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**LEDiL**  
A WORLD OF INNOVATION

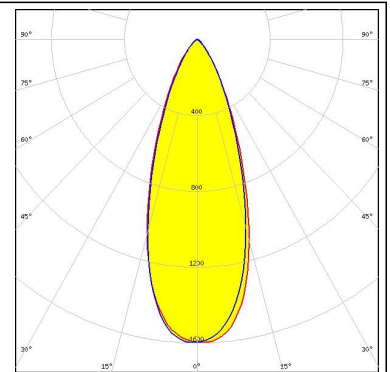
Ledil Oy  
Joensuunkatu 13  
FIN 24240 SALO  
Finland

DRAWN BY pv		DATE 22.5.2012	DRAWING TITLE Datasheet Emily Series Lens		
CHECKED BY tk	DATE 18.02.2010	SIZE A4	DRAWING NUMBER		REV 1
DESIGNED BY hh	DATE 18.02.2010	SCALE 2:1	WEIGHT (g)	SHEET 1/1	

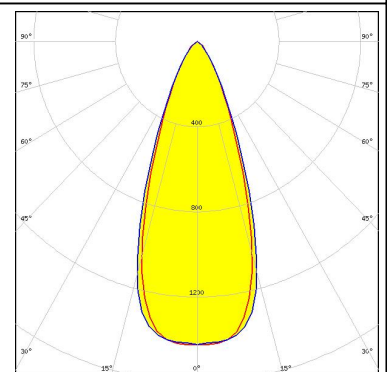
**PHOTOMETRIC DATA (MEASURED):**



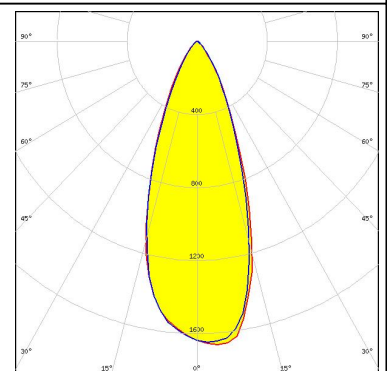
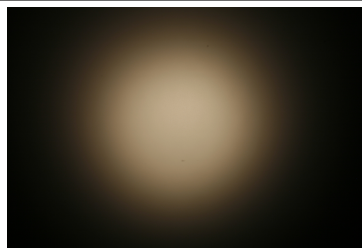
LED XHP35 HD  
FWHM 39.0°  
Efficiency 83 %  
Peak intensity 1.600 cd/lm  
Required components:



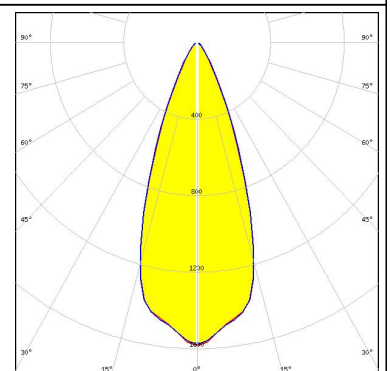
LED XM-L  
FWHM 36.0°  
Efficiency 86 %  
Peak intensity cd/lm  
Required components:



LED XM-L2  
FWHM 39.0°  
Efficiency 86 %  
Peak intensity 1.700 cd/lm  
Required components:



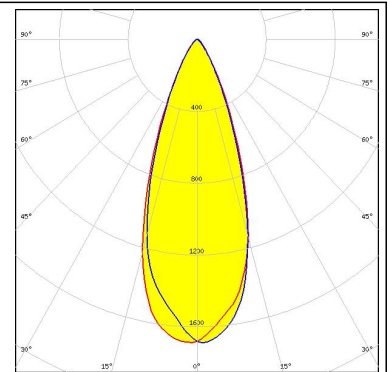
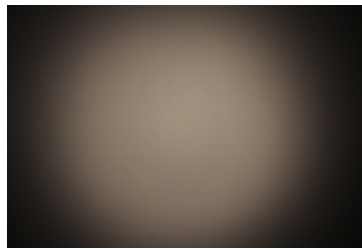
LED XP-E  
FWHM 39.0°  
Efficiency 86 %  
Peak intensity 1.600 cd/lm  
Required components:



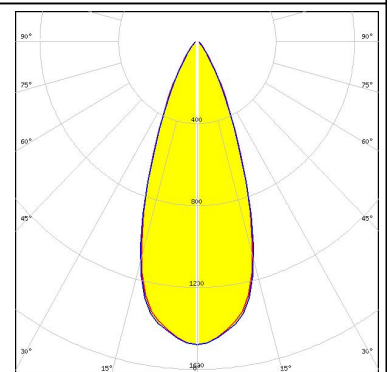
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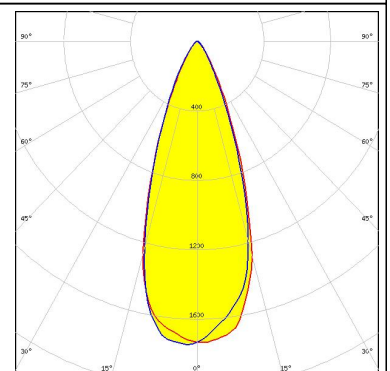
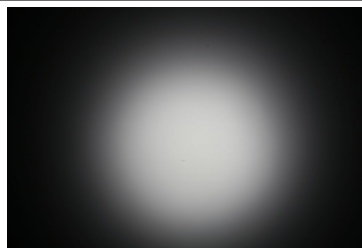
LED XP-E2  
FWHM 39.0°  
Efficiency 84 %  
Peak intensity 1.700 cd/lm  
Required components:



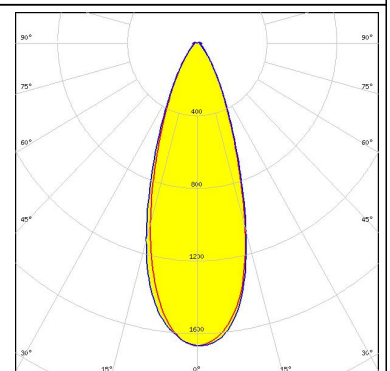
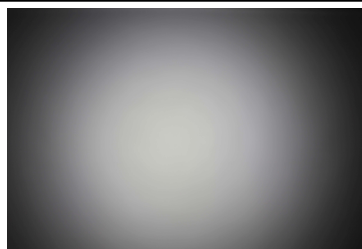
LED XP-G  
FWHM 40.0°  
Efficiency 86 %  
Peak intensity 1.500 cd/lm  
Required components:



LED XP-G2  
FWHM 38.0°  
Efficiency 84 %  
Peak intensity 1.700 cd/lm  
Required components:



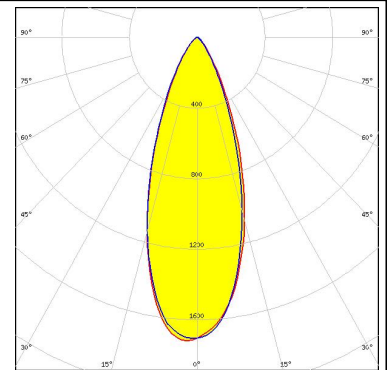
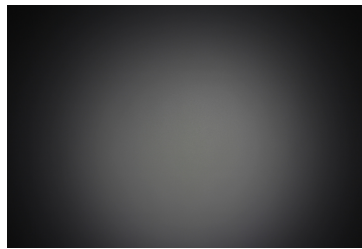
LED XP-G3  
FWHM 36.0°  
Efficiency 92 %  
Peak intensity 1.700 cd/lm  
Required components:



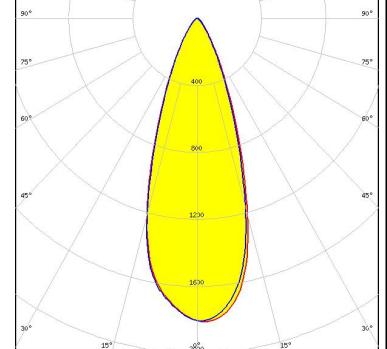
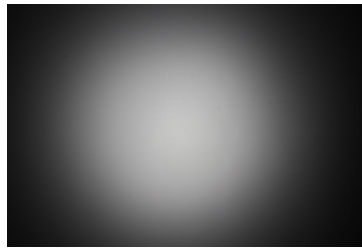
### PHOTOMETRIC DATA (MEASURED):



LED XP-L  
FWHM 38.0°  
Efficiency 87 %  
Peak intensity 1.710 cd/lm  
Required components:



LED XP-L HI  
FWHM 36.0°  
Efficiency 86 %  
Peak intensity 1.800 cd/lm  
Required components:



LED XT-E  
FWHM 36.0°  
Efficiency %  
Peak intensity 1.500 cd/lm  
Required components:



LED LUXEON A  
FWHM 40.0°  
Efficiency 84 %  
Peak intensity cd/lm  
Required components:

### PHOTOMETRIC DATA (MEASURED):

#### LUMILEDS

LED LUXEON Rebel  
FWHM 40.0°  
Efficiency 86 %  
Peak intensity cd/lm  
Required components:

#### LUMILEDS

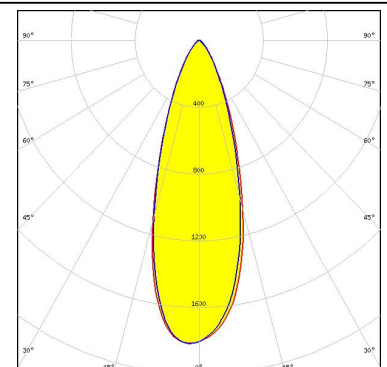
LED LUXEON Rebel ES  
FWHM 40.0°  
Efficiency 88 %  
Peak intensity cd/lm  
Required components:

#### NICHIA

LED NCSxx19A  
FWHM 40.0°  
Efficiency 86 %  
Peak intensity cd/lm  
Required components:

#### NICHIA

LED NS9x383  
FWHM 34.0°  
Efficiency 84 %  
Peak intensity 1.800 cd/lm  
Required components:



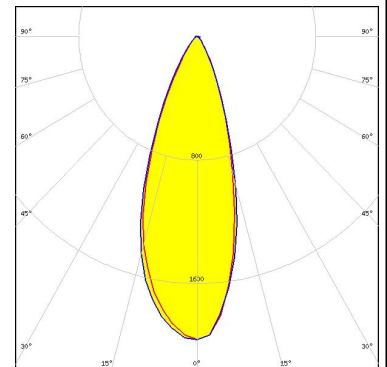
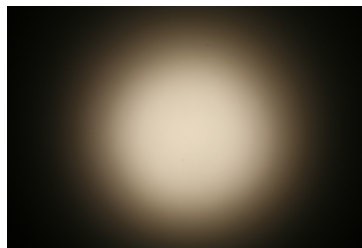
### PHOTOMETRIC DATA (MEASURED):



LED NVSxx19A  
FWHM 40.0°  
Efficiency 86 %  
Peak intensity cd/lm  
Required components:



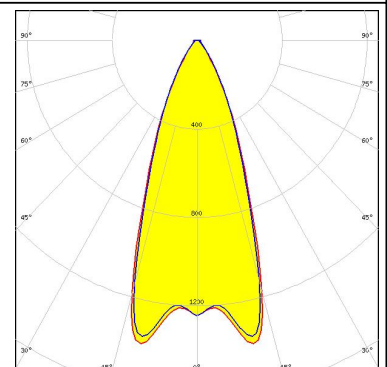
LED Oslon Square EC  
FWHM 38.0°  
Efficiency 84 %  
Peak intensity 1.860 cd/lm  
Required components:



LED Oslon SSL 150  
FWHM 40.0°  
Efficiency 86 %  
Peak intensity cd/lm  
Required components:



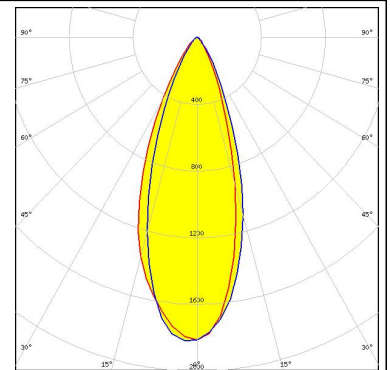
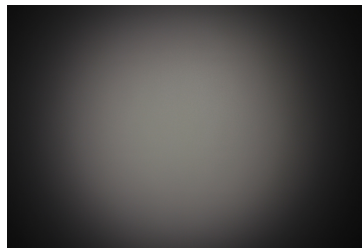
LED Oslon SSL 80  
FWHM 40.0°  
Efficiency 86 %  
Peak intensity 1.250 cd/lm  
Required components:



### PHOTOMETRIC DATA (MEASURED):

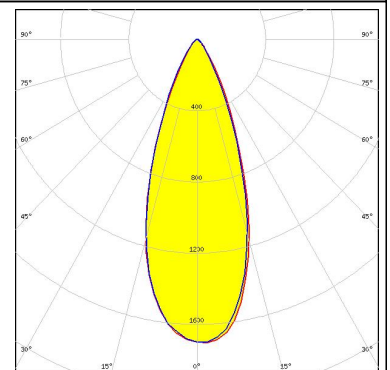
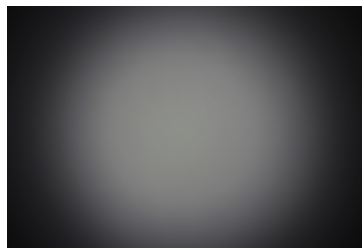
#### SAMSUNG

LED LH351B  
FWHM 38.0°  
Efficiency 88 %  
Peak intensity 1.800 cd/lm  
Required components:



#### SAMSUNG

LED LH351Z  
FWHM 39.0°  
Efficiency 85 %  
Peak intensity 1.700 cd/lm  
Required components:



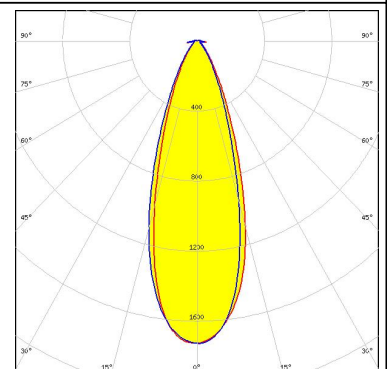
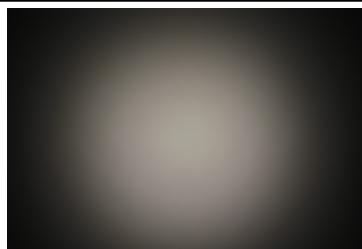
SEOUL SEMICONDUCTOR

LED Z5  
FWHM 40.0°  
Efficiency 86 %  
Peak intensity cd/lm  
Required components:



SEOUL SEMICONDUCTOR

LED Z8Y22P  
FWHM 34.0°  
Efficiency 89 %  
Peak intensity 1.700 cd/lm  
Required components:





## PHOTOMETRIC DATA (MEASURED):

### **SHARP**

LED Double Dome (GM2BB)

FWHM 40.0°

Efficiency 86 %

Peak intensity cd/lm

Required components:

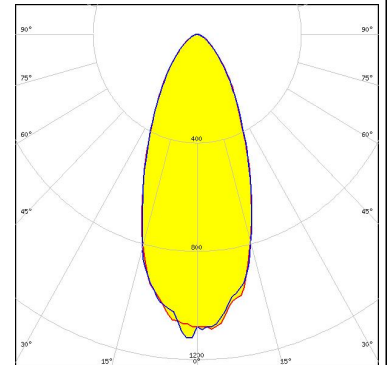
**PHOTOMETRIC DATA (SIMULATED):**



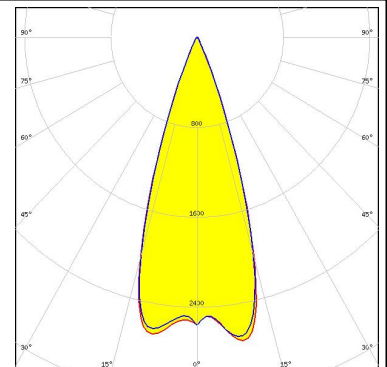
LED XM-L HVW  
 FWHM 36.0°  
 Efficiency %  
 Peak intensity cd/lm  
 Required components:



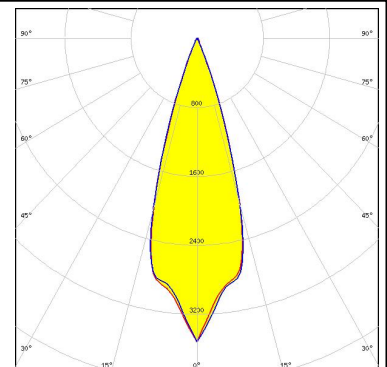
LED NCSxx19B  
 FWHM 45.0°  
 Efficiency 86 %  
 Peak intensity 1.000 cd/lm  
 Required components:



LED Oslon Black  
 FWHM 36.0°  
 Efficiency 96 %  
 Peak intensity 2.800 cd/lm  
 Required components:



LED Oslon Black Flat  
 FWHM 32.0°  
 Efficiency 94 %  
 Peak intensity 3.500 cd/lm  
 Required components:



### GENERAL INFORMATION:

NOTE: The typical beam angle will be changed by different color, chip size and chip position tolerance. The typical total beam angle is the full angle measured where the luminous intensity is half of the peak value.

### MATERIALS:

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