

JENNY-CY

~105° + 105° batwing light distribution for canopy and symmetrical tunnel lighting. Variant with wire channels on the sides enabling compatibility with small COBs.

TECHNICAL SPECIFICATIONS:

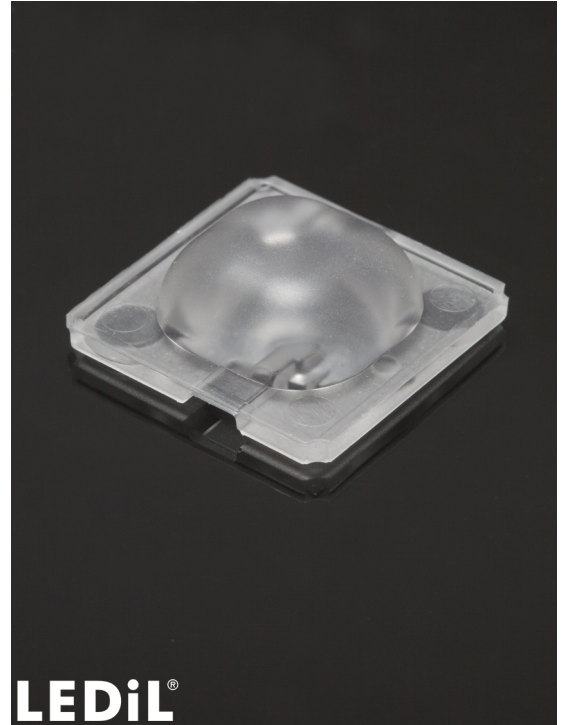
Dimensions	35.0 mm
Height	11.5 mm
Fastening	tape
ROHS compliant	yes ⓘ

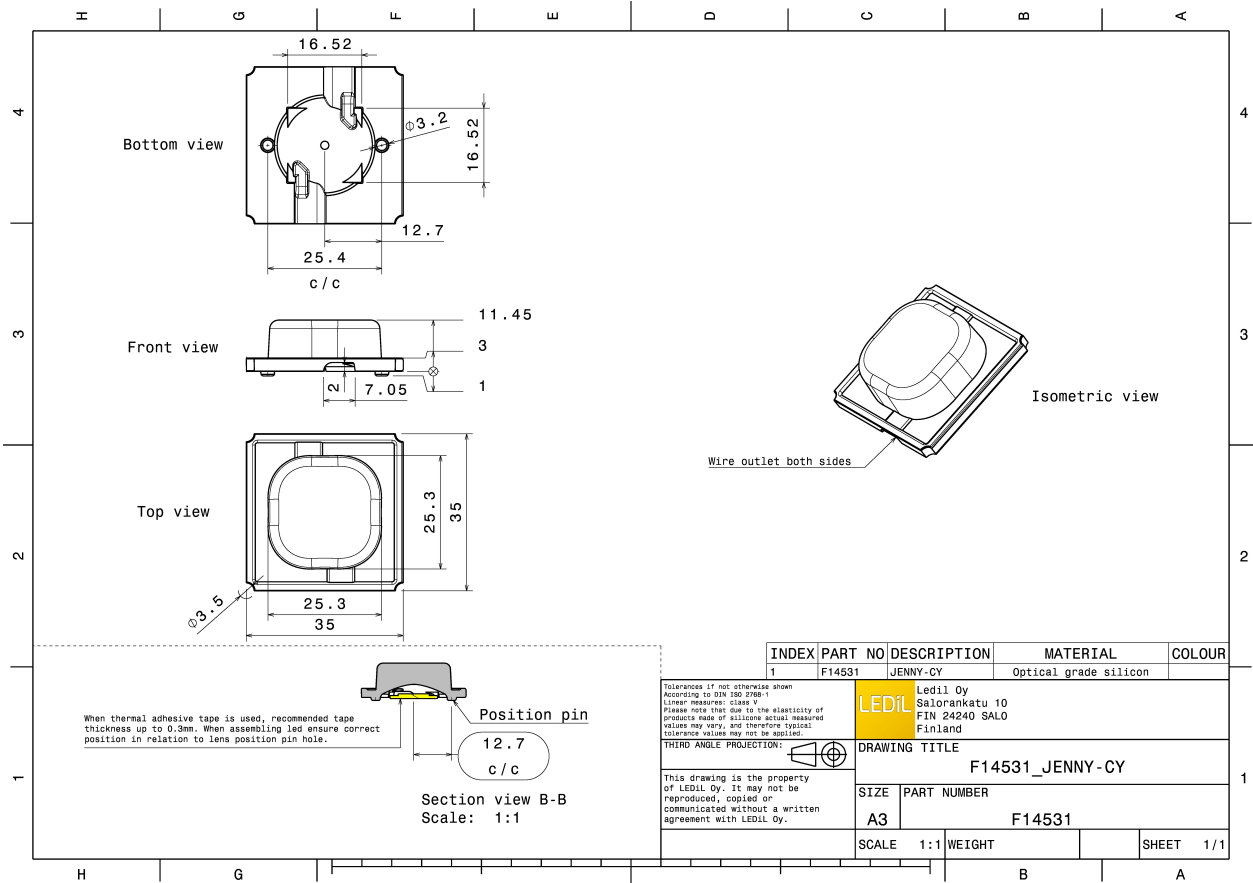
MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish
JENNY-CY	Single lens	Silicone	clear	

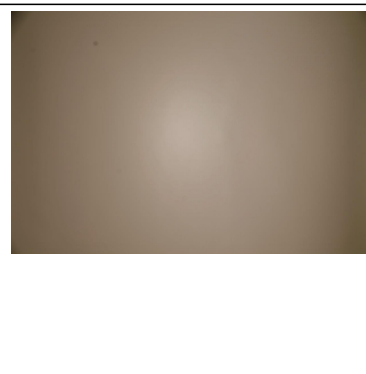
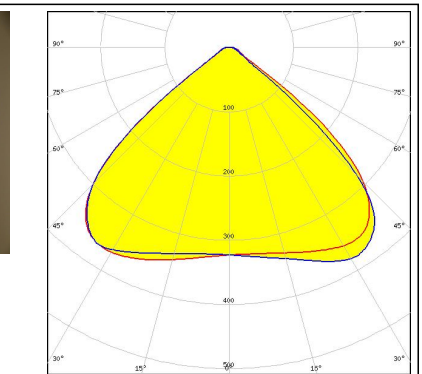
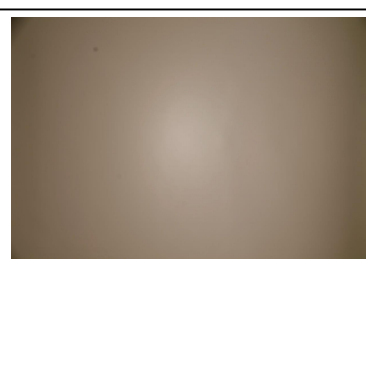
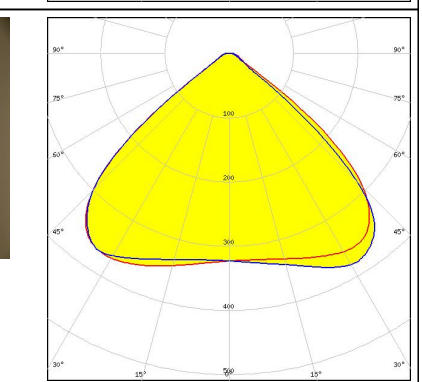
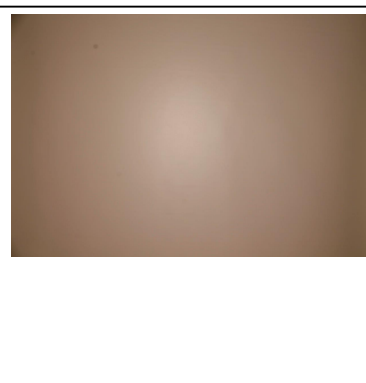
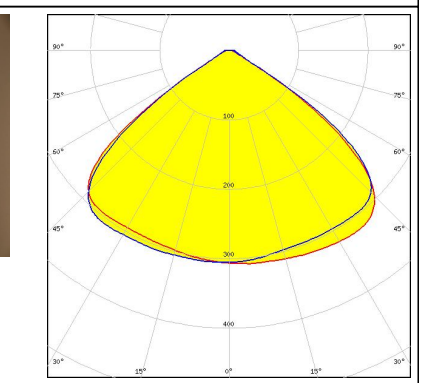
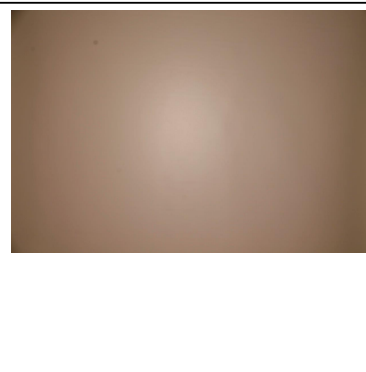
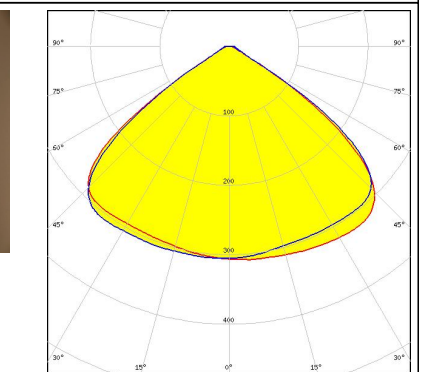
ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
F14531_JENNY-CY » Box size: 480 x 280 x 300 mm	1440	120	60	10.3

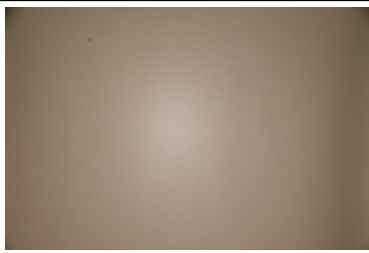
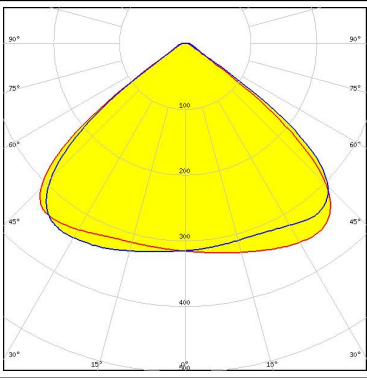
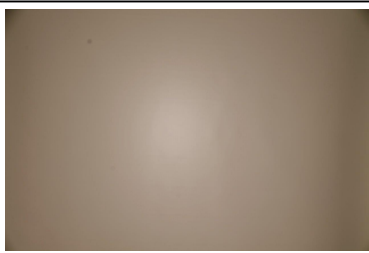
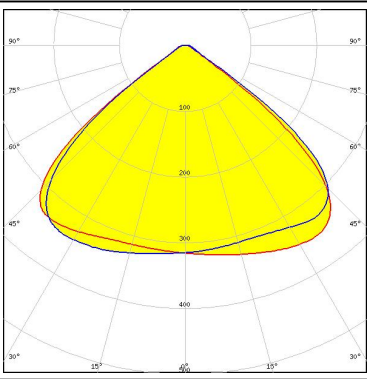
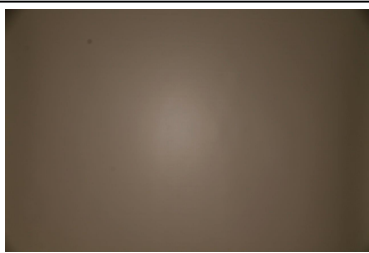
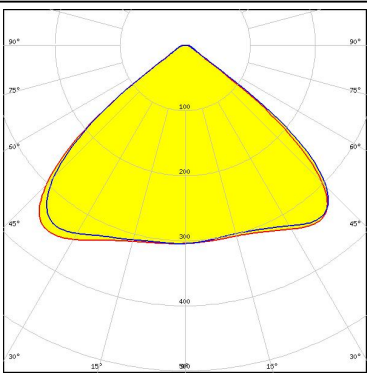
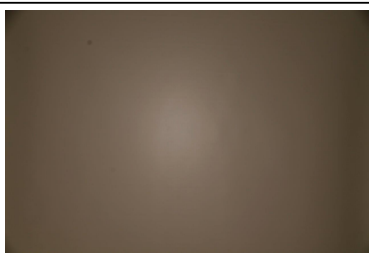
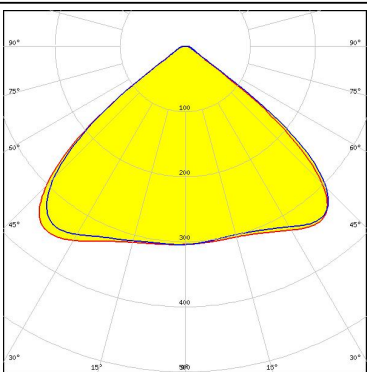




PHOTOMETRIC DATA (MEASURED):

<p>bridgelux.</p> <p>LED V10 Gen6</p> <p>FWHM 102.0°</p> <p>Efficiency 94 %</p> <p>Peak intensity 0.4 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		
<p>bridgelux.</p> <p>LED V10 Gen6</p> <p>FWHM 103.0 + 101.0°</p> <p>Efficiency 94 %</p> <p>Peak intensity 0.4 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: C14436_JENNY-HLD-A-BLK</p>		
<p>bridgelux.</p> <p>LED V6 Gen6</p> <p>FWHM 110.0°</p> <p>Efficiency 94 %</p> <p>Peak intensity 0.4 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: C14436_JENNY-HLD-A-BLK</p>		
<p>bridgelux.</p> <p>LED V6 Gen6</p> <p>FWHM 110.0°</p> <p>Efficiency 94 %</p> <p>Peak intensity 0.4 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		

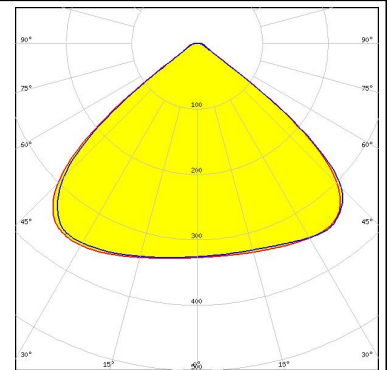
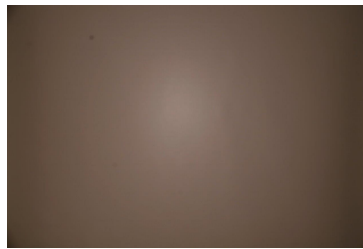
PHOTOMETRIC DATA (MEASURED):

<p>bridgelux.</p> <p>LED V8 Gen6 FWHM 105.0° Efficiency 94 % Peak intensity 0.4 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p>bridgelux.</p> <p>LED V8 Gen6 FWHM 105.0 + 106.0° Efficiency 94 % Peak intensity 0.4 cd/lm LEDs/each optic 1 Light colour White Required components: C14436_JENNY-HLD-A-BLK</p>		
<p>CITIZEN</p> <p>LED CLL01x FWHM 104.0° Efficiency 94 % Peak intensity 0.4 cd/lm LEDs/each optic 1 Light colour White Required components: C14436_JENNY-HLD-A-BLK</p>		
<p>CITIZEN</p> <p>LED CLL01x FWHM 104.0° Efficiency 94 % Peak intensity 0.4 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		

PHOTOMETRIC DATA (MEASURED):

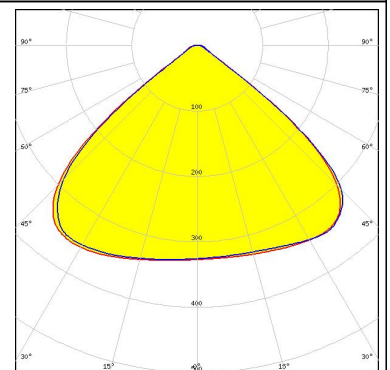
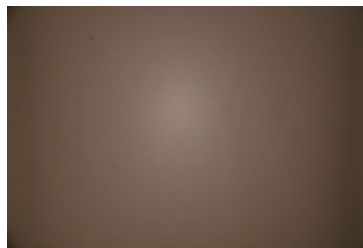
CITIZEN

LED CLL02x/CLU02x (LES10)
FWHM 103.0°
Efficiency 93 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C14436_JENNY-HLD-A-BLK



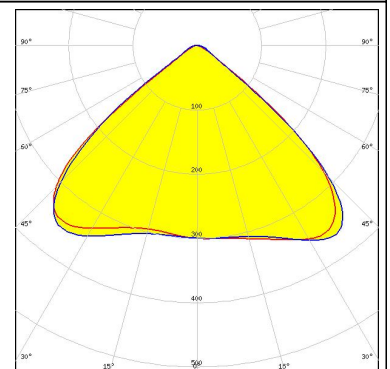
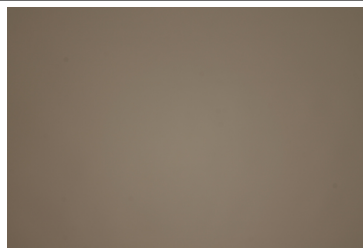
CITIZEN

LED CLL02x/CLU02x (LES10)
FWHM 103.0°
Efficiency 93 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



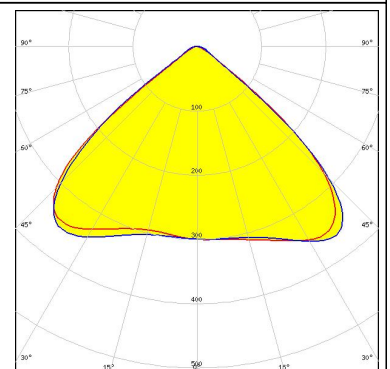
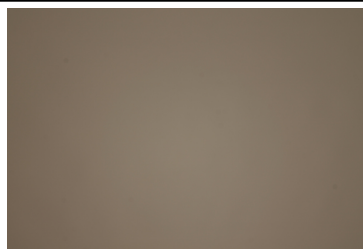
CITIZEN

LED CLU700/701/702
FWHM 102.0°
Efficiency 93 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



CITIZEN

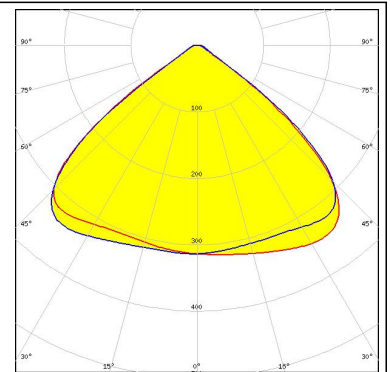
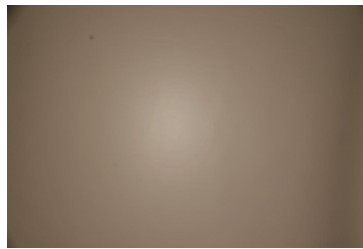
LED CLU700/701/702
FWHM 102.0°
Efficiency 93 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C14436_JENNY-HLD-A-BLK



PHOTOMETRIC DATA (MEASURED):

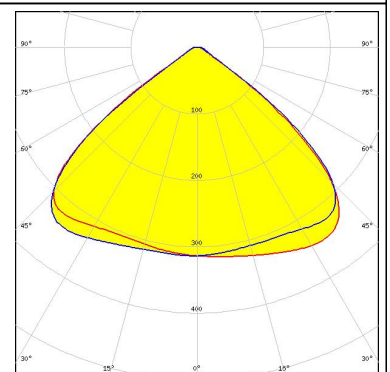
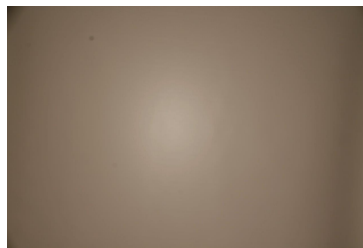
CREE

LED CXA/B 13xx
 FWHM 105.0°
 Efficiency 94 %
 Peak intensity 0.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



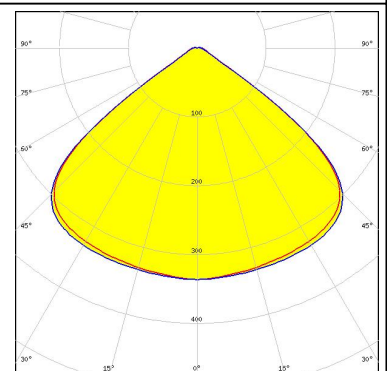
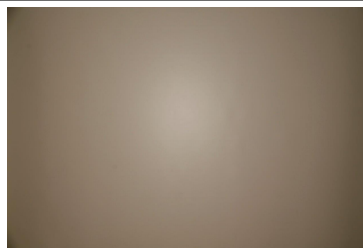
CREE

LED CXA/B 13xx
 FWHM 105.0°
 Efficiency 94 %
 Peak intensity 0.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C14436_JENNY-HLD-A-BLK



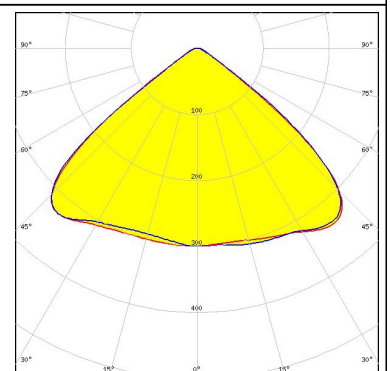
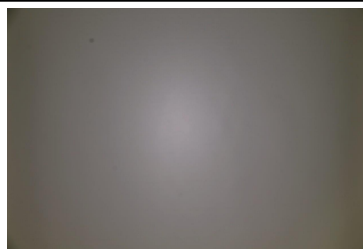
CREE

LED CXA/B 15xx
 FWHM 106.0°
 Efficiency 94 %
 Peak intensity 0.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



CREE

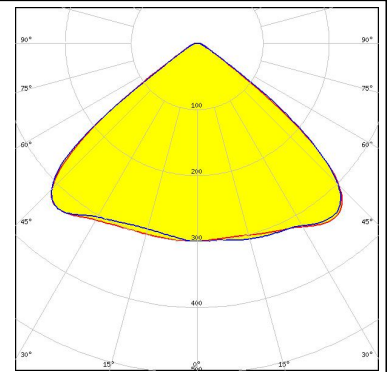
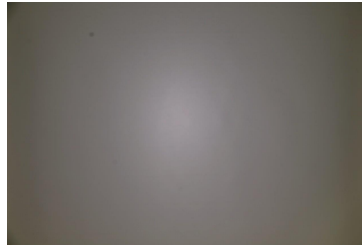
LED MK-R
 FWHM 105.0°
 Efficiency 92 %
 Peak intensity 0.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C14436_JENNY-HLD-A-BLK



PHOTOMETRIC DATA (MEASURED):

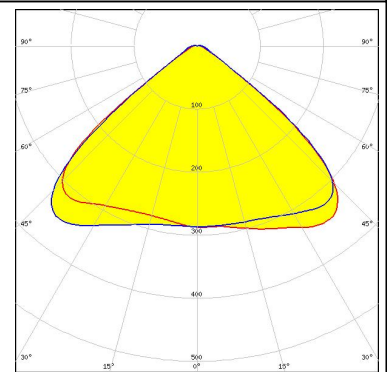
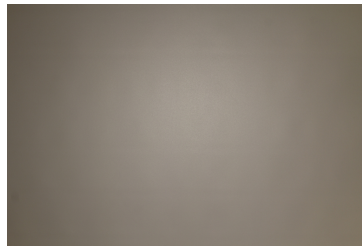
CREE

LED MK-R
 FWHM 105.0°
 Efficiency 92 %
 Peak intensity 0.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



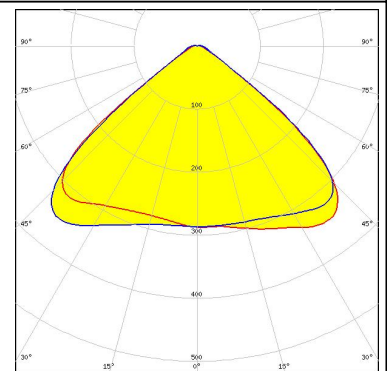
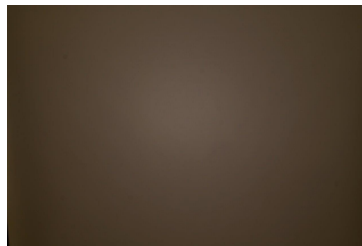
CREE

LED XHP50
 FWHM 105.0°
 Efficiency 94 %
 Peak intensity 0.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



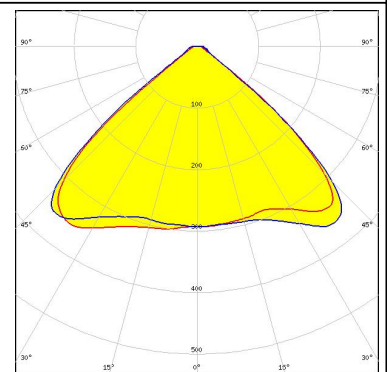
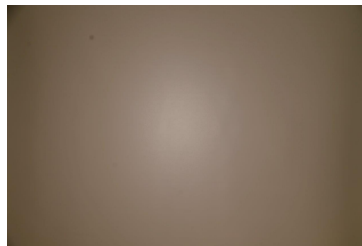
CREE

LED XHP50
 FWHM 105.0°
 Efficiency 94 %
 Peak intensity 0.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C14436_JENNY-HLD-A-BLK



CREE

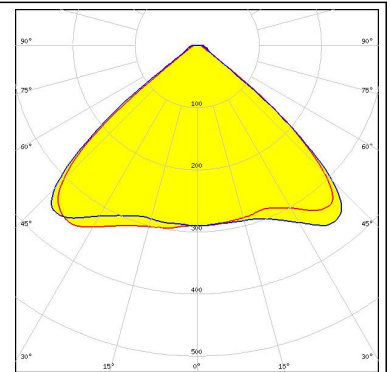
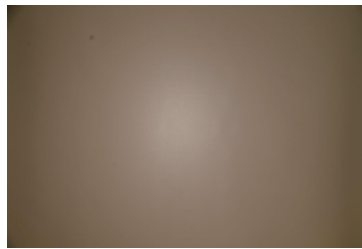
LED XM-L EZW
 FWHM 102.0 + 103.0°
 Efficiency 94 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C14436_JENNY-HLD-A-BLK



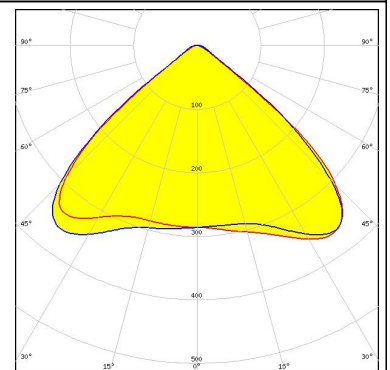
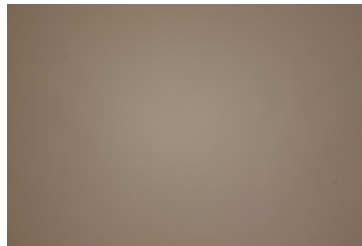
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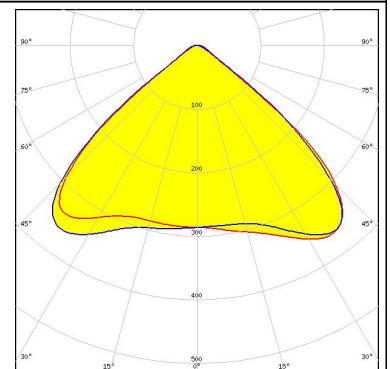
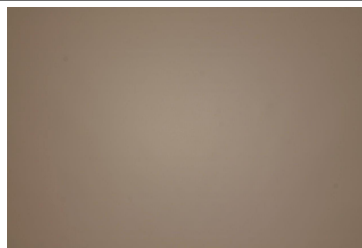
LED XM-L EZW
 FWHM 103.0°
 Efficiency 94 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



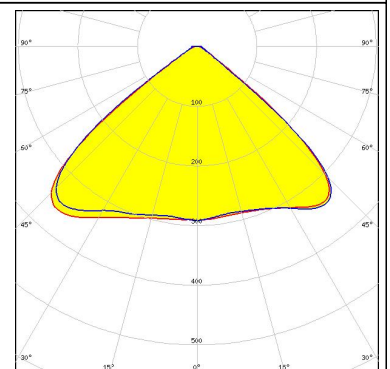
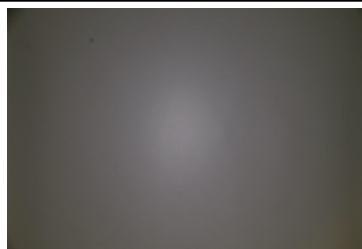
LED LUXEON 5258
 FWHM 103.0°
 Efficiency 94 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED LUXEON 5258
 FWHM 103.0 + 104.0°
 Efficiency 94 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C14436_JENNY-HLD-A-BLK



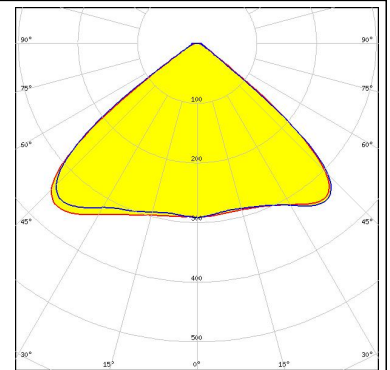
LED LUXEON M/MX
 FWHM 105.0°
 Efficiency 94 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C14436_JENNY-HLD-A-BLK



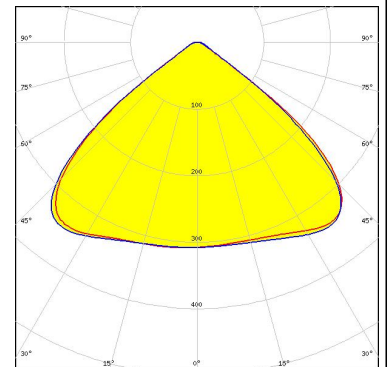
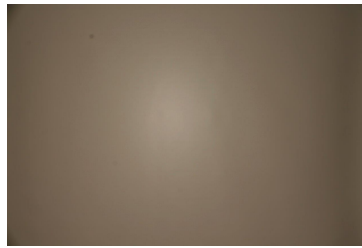
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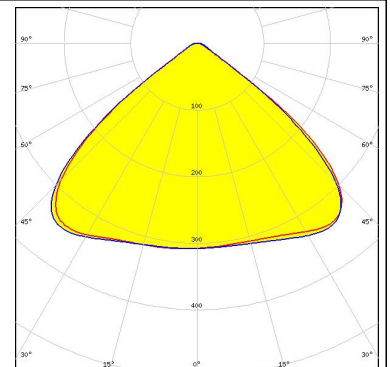
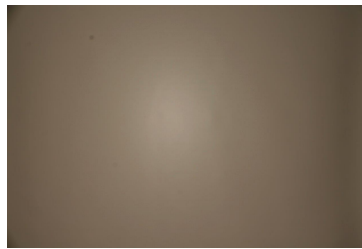
LED LUXEON M/MX
 FWHM 104.0°
 Efficiency 94 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



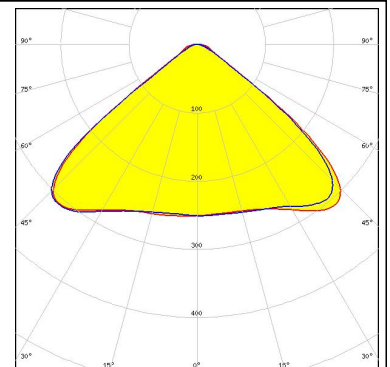
LED NSMx286M
 FWHM 105.0 + 104.0°
 Efficiency 94 %
 Peak intensity 0.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C14436_JENNY-HLD-A-BLK



LED NSMx286M
 FWHM 105.0°
 Efficiency 94 %
 Peak intensity 0.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED NV4x144A
 FWHM 107.0°
 Efficiency 92 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C14436_JENNY-HLD-A-BLK

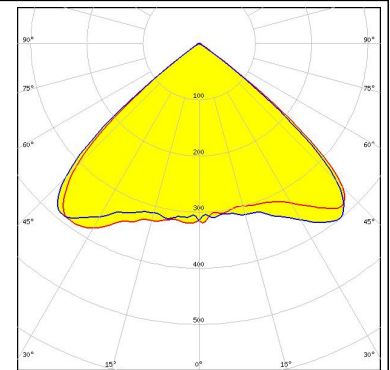


PHOTOMETRIC DATA (MEASURED):

OSRAM

Opto Semiconductors

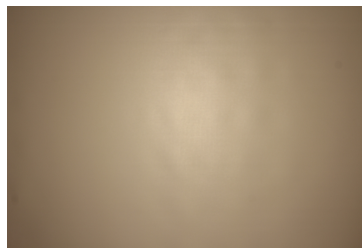
LED Duris S10
 FWHM 108.0°
 Efficiency 94 %
 Peak intensity 0.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C14436_JENNY-HLD-A-BLK



OSRAM

Opto Semiconductors

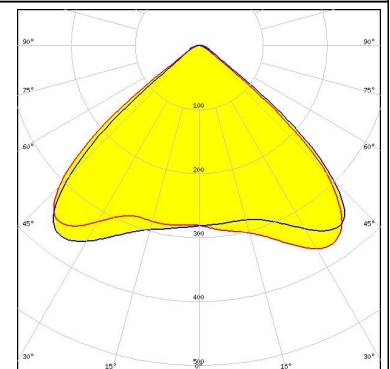
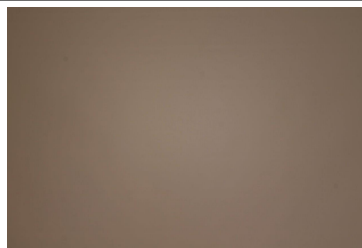
LED Duris S10
 FWHM 108.0°
 Efficiency 94 %
 Peak intensity 0.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OSRAM

Opto Semiconductors

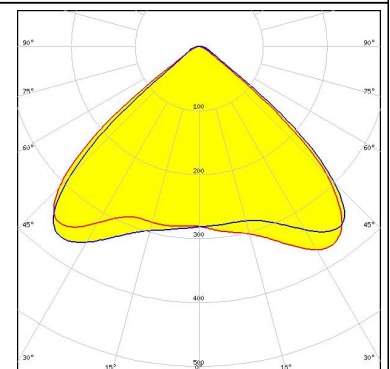
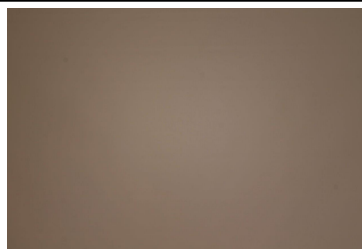
LED Duris S8
 FWHM 102.0°
 Efficiency 94 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C14436_JENNY-HLD-A-BLK



OSRAM

Opto Semiconductors

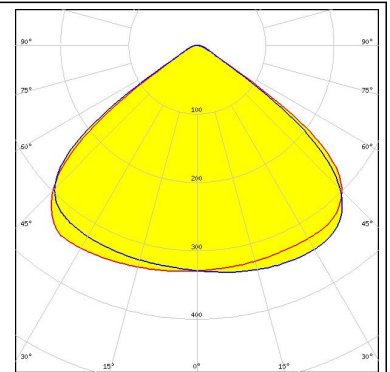
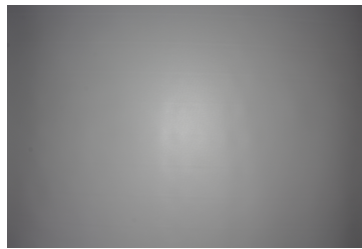
LED Duris S8
 FWHM 102.0°
 Efficiency 94 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



PHOTOMETRIC DATA (MEASURED):

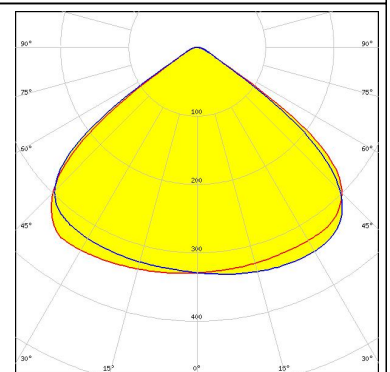
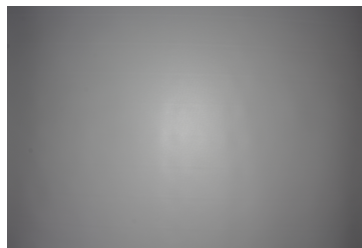
SAMSUNG

LED LC003D / LC006D / LC009D / LC013D
 FWHM 106.0°
 Efficiency 94 %
 Peak intensity 0.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C14436_JENNY-HLD-A-BLK

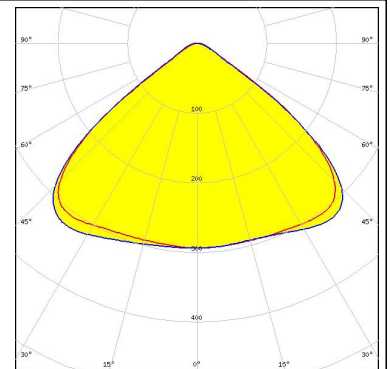
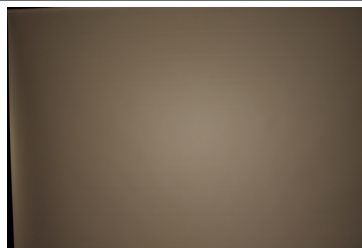


SAMSUNG

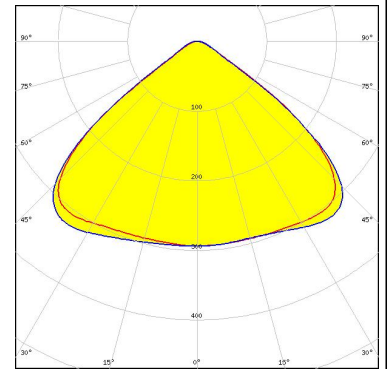
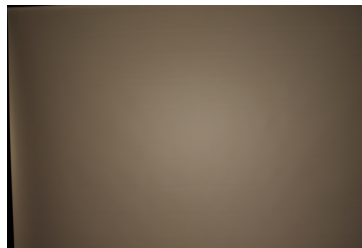
LED LC003D / LC006D / LC009D / LC013D
 FWHM 106.0°
 Efficiency 94 %
 Peak intensity 0.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:




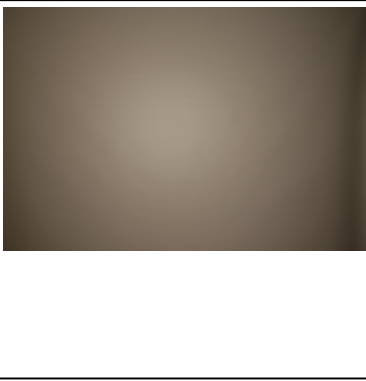
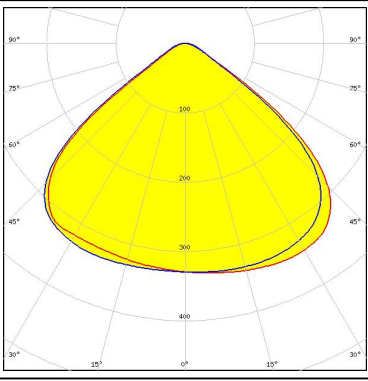

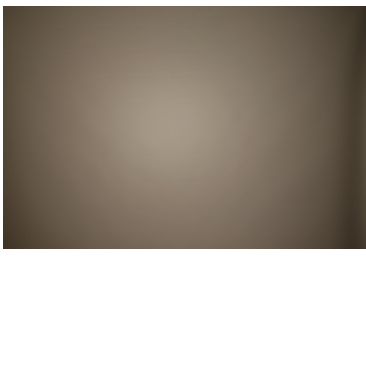
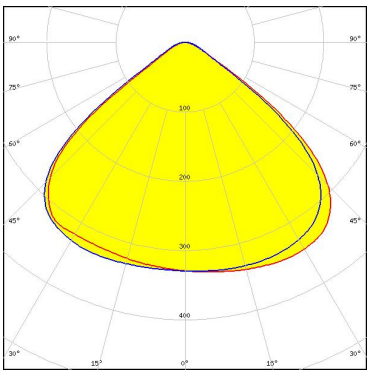
SEOUL SEMICONDUCTOR
 LED MJT COB LES 6
 FWHM 111.0°
 Efficiency 91 %
 Peak intensity 0.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C14436_JENNY-HLD-A-BLK




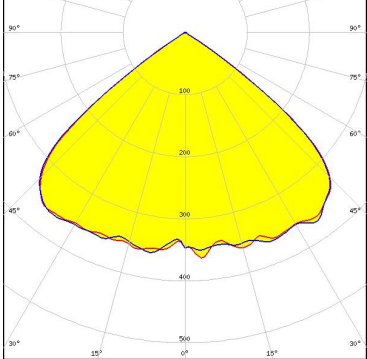

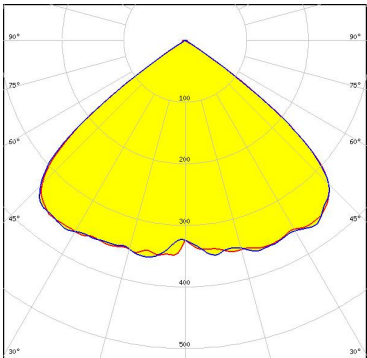

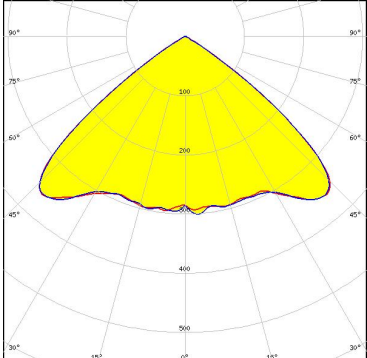

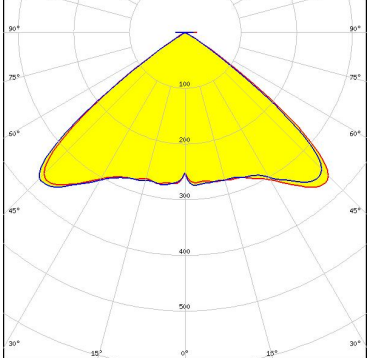
SEOUL SEMICONDUCTOR
 LED MJT COB LES 6
 FWHM 111.0°
 Efficiency 91 %
 Peak intensity 0.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



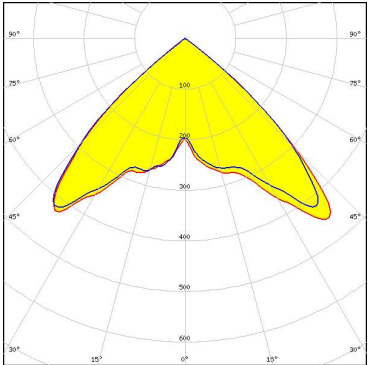
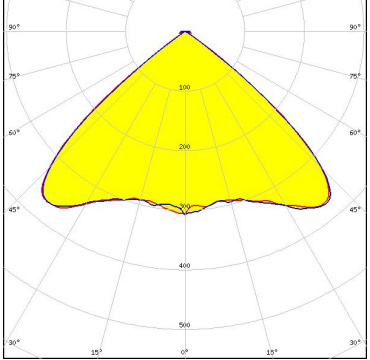
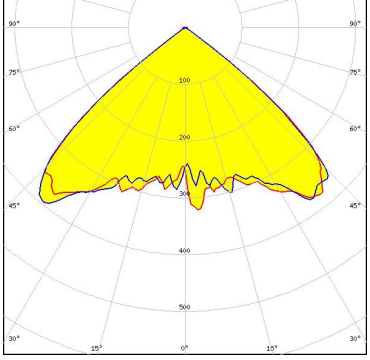
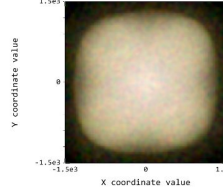
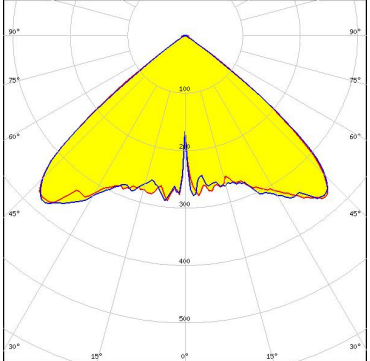
PHOTOMETRIC DATA (MEASURED):

<p> SEOUL SEMICONDUCTOR</p> <p>LED MJT COB LES 9.8 FWHM 105.0° Efficiency 93 % Peak intensity 0.4 cd/lm LEDs/each optic 1 Light colour White Required components: C14436_JENNY-HLD-A-BLK</p>		
<p> SEOUL SEMICONDUCTOR</p> <p>LED MJT COB LES 9.8 FWHM 105.0° Efficiency 93 % Peak intensity 0.4 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		

PHOTOMETRIC DATA (SIMULATED):

<p> bridgelux</p> <p>LED V10 Gen7 FWHM 95.0 + 102.0° Efficiency 94 % Peak intensity 0.4 cd/lm LEDs/each optic 1 Light colour White Required components: C14436_JENNY-HLD-A-BLK</p>	
<p> bridgelux</p> <p>LED V10 Gen7 FWHM 95.0 + 102.0° Efficiency 94 % Peak intensity 0.4 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	
<p> CREE</p> <p>LED XHP35 HD FWHM 102.0° Efficiency 94 % Peak intensity 0.4 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	
<p> CREE</p> <p>LED XHP50.2 FWHM 104.0° Efficiency 94 % Peak intensity 0.5 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	

PHOTOMETRIC DATA (SIMULATED):

<p>NICHIA</p> <p>LED: NCSU334A FWHM: 96.0° Efficiency: 71 % LEDs/each optic: 1 Light colour: UV Required components:</p>	
<p>NICHIA</p> <p>LED: NVSxE21A FWHM: 100.0° Efficiency: 94 % Peak intensity: 0.6 cd/lm LEDs/each optic: 4 Light colour: White Required components:</p>	
<p>OSRAM Opto Semiconductors</p> <p>LED: OSCONIQ P 7070 FWHM: 100.0° Efficiency: 93 % Peak intensity: 0.5 cd/lm LEDs/each optic: 1 Light colour: White Required components: C14436_JENNY-HLD-A-BLK</p>	
<p>OSRAM Opto Semiconductors</p> <p>LED: OSCONIQ P 7070 FWHM: 100.0° Efficiency: 94 % Peak intensity: 0.6 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	<div data-bbox="726 1668 1093 1937">  <p>Detector image: Illuminance</p> <p>24 x 24px Image size: 1024x1024 2221 2289 2300 2311 2322 2333 2344 2355 2366 2377 2388 2399 2410 2421 2432 2443 2454 2465 2476 2487 2498 2509 2520 2531 2542 2553 2564 2575 2586 2597 2608 2619 2630 2641 2652 2663 2674 2685 2696 2707 2718 2729 2740 2751 2762 2773 2784 2795 2806 2817 2828 2839 2850 2861 2872 2883 2894 2905 2916 2927 2938 2949 2960 2971 2982 2993 3004 3015 3026 3037 3048 3059 3070 3081 3092 3103 3114 3125 3136 3147 3158 3169 3180 3191 3202 3213 3224 3235 3246 3257 3268 3279 3290 3301 3312 3323 3334 3345 3356 3367 3378 3389 3400 3411 3422 3433 3444 3455 3466 3477 3488 3499 3510 3521 3532 3543 3554 3565 3576 3587 3598 3609 3620 3631 3642 3653 3664 3675 3686 3697 3708 3719 3730 3741 3752 3763 3774 3785 3796 3807 3818 3829 3840 3851 3862 3873 3884 3895 3906 3917 3928 3939 3950 3961 3972 3983 3994 4005 4016 4027 4038 4049 4060 4071 4082 4093 4104 4115 4126 4137 4148 4159 4170 4181 4192 4203 4214 4225 4236 4247 4258 4269 4280 4291 4302 4313 4324 4335 4346 4357 4368 4379 4390 4401 4412 4423 4434 4445 4456 4467 4478 4489 4500 4511 4522 4533 4544 4555 4566 4577 4588 4599 4610 4621 4632 4643 4654 4665 4676 4687 4698 4709 4720 4731 4742 4753 4764 4775 4786 4797 4808 4819 4830 4841 4852 4863 4874 4885 4896 4907 4918 4929 4940 4951 4962 4973 4984 4995 5006 5017 5028 5039 5050 5061 5072 5083 5094 5105 5116 5127 5138 5149 5160 5171 5182 5193 5204 5215 5226 5237 5248 5259 5270 5281 5292 5303 5314 5325 5336 5347 5358 5369 5380 5391 5402 5413 5424 5435 5446 5457 5468 5479 5490 5501 5512 5523 5534 5545 5556 5567 5578 5589 5600 5611 5622 5633 5644 5655 5666 5677 5688 5699 5710 5721 5732 5743 5754 5765 5776 5787 5798 5809 5820 5831 5842 5853 5864 5875 5886 5897 5908 5919 5930 5941 5952 5963 5974 5985 5996 6007 6018 6029 6040 6051 6062 6073 6084 6095 6106 6117 6128 6139 6150 6161 6172 6183 6194 6205 6216 6227 6238 6249 6260 6271 6282 6293 6304 6315 6326 6337 6348 6359 6370 6381 6392 6403 6414 6425 6436 6447 6458 6469 6480 6491 6502 6513 6524 6535 6546 6557 6568 6579 6590 6601 6612 6623 6634 6645 6656 6667 6678 6689 6700 6711 6722 6733 6744 6755 6766 6777 6788 6799 6810 6821 6832 6843 6854 6865 6876 6887 6898 6909 6920 6931 6942 6953 6964 6975 6986 6997 7008 7019 7030 7041 7052 7063 7074 7085 7096 7107 7118 7129 7140 7151 7162 7173 7184 7195 7206 7217 7228 7239 7250 7261 7272 7283 7294 7305 7316 7327 7338 7349 7360 7371 7382 7393 7404 7415 7426 7437 7448 7459 7470 7481 7492 7503 7514 7525 7536 7547 7558 7569 7580 7591 7602 7613 7624 7635 7646 7657 7668 7679 7690 7701 7712 7723 7734 7745 7756 7767 7778 7789 7800 7811 7822 7833 7844 7855 7866 7877 7888 7899 7910 7921 7932 7943 7954 7965 7976 7987 7998 8009 8020 8031 8042 8053 8064 8075 8086 8097 8108 8119 8130 8141 8152 8163 8174 8185 8196 8207 8218 8229 8240 8251 8262 8273 8284 8295 8306 8317 8328 8339 8350 8361 8372 8383 8394 8405 8416 8427 8438 8449 8460 8471 8482 8493 8504 8515 8526 8537 8548 8559 8570 8581 8592 8603 8614 8625 8636 8647 8658 8669 8680 8691 8702 8713 8724 8735 8746 8757 8768 8779 8790 8801 8812 8823 8834 8845 8856 8867 8878 8889 8900 8911 8922 8933 8944 8955 8966 8977 8988 8999 9010 9021 9032 9043 9054 9065 9076 9087 9098 9109 9120 9131 9142 9153 9164 9175 9186 9197 9208 9219 9230 9241 9252 9263 9274 9285 9296 9307 9318 9329 9340 9351 9362 9373 9384 9395 9406 9417 9428 9439 9450 9461 9472 9483 9494 9505 9516 9527 9538 9549 9560 9571 9582 9593 9604 9615 9626 9637 9648 9659 9670 9681 9692 9703 9714 9725 9736 9747 9758 9769 9780 9791 9802 9813 9824 9835 9846 9857 9868 9879 9890 9901 9912 9923 9934 9945 9956 9967 9978 9989 10000</p> </div> 

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.

Due to use of high power COB's with this product, special attention to proper thermal design is highly recommended. LEDiL has no liability for direct, indirect or consecutive damages arising from the LEDiL products being used outside of the recommended temperature range.

MATERIALS:

As part of our continuous research and improvement processes, and to ensure the best possible quality and availability of our products, LEDiL reserves the right to change material grades without notice.

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The measured data in the provided downloadable LEDiL Product Datasheets and Mechanical 2D-Drawings is rounded and provided as reference for planning. LEDiL Oy's optical specifications have been verified by conducting performance testing of the products in accordance with the company's quality system. The reported data are averaged results of multiple measurements with typical variation. LEDiL Oy reserves the right to without prior notification make changes and improvements to its products.

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LEDiL Oy

Joensuunkatu 13
FI-24240 SALO
Finland

LEDiL Inc.

228 West Page Street
Suite D
Sycamore IL 60178
USA

Local sales and technical support

[www.ledil.com/
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