

LINNEA-O

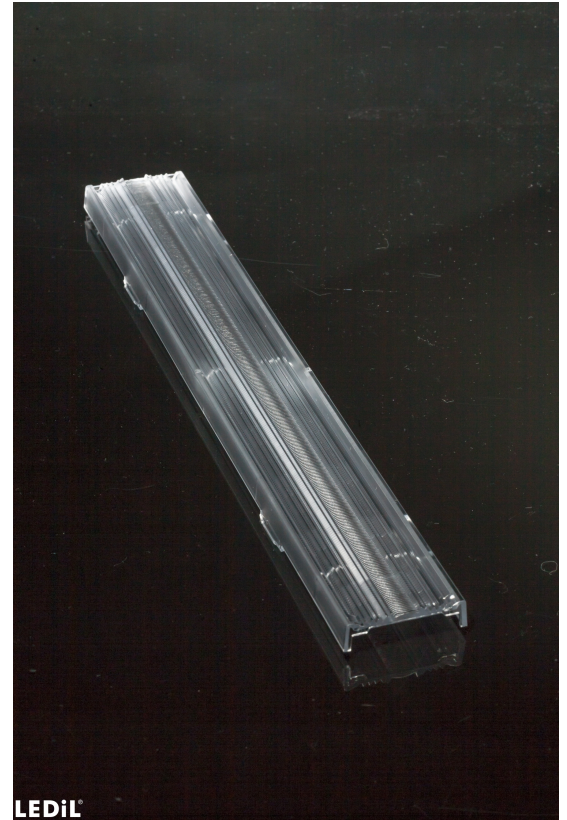
~35° + 70° oval beam optimized for 1.0 mm metal sheet or profile. Variant made from PC.

SPECIFICATION:

| | |
|----------------|-----------------|
| Dimensions | 285.0 x 40.0 mm |
| Height | 10.5 mm |
| Fastening | pin |
| ROHS compliant | yes ⓘ |

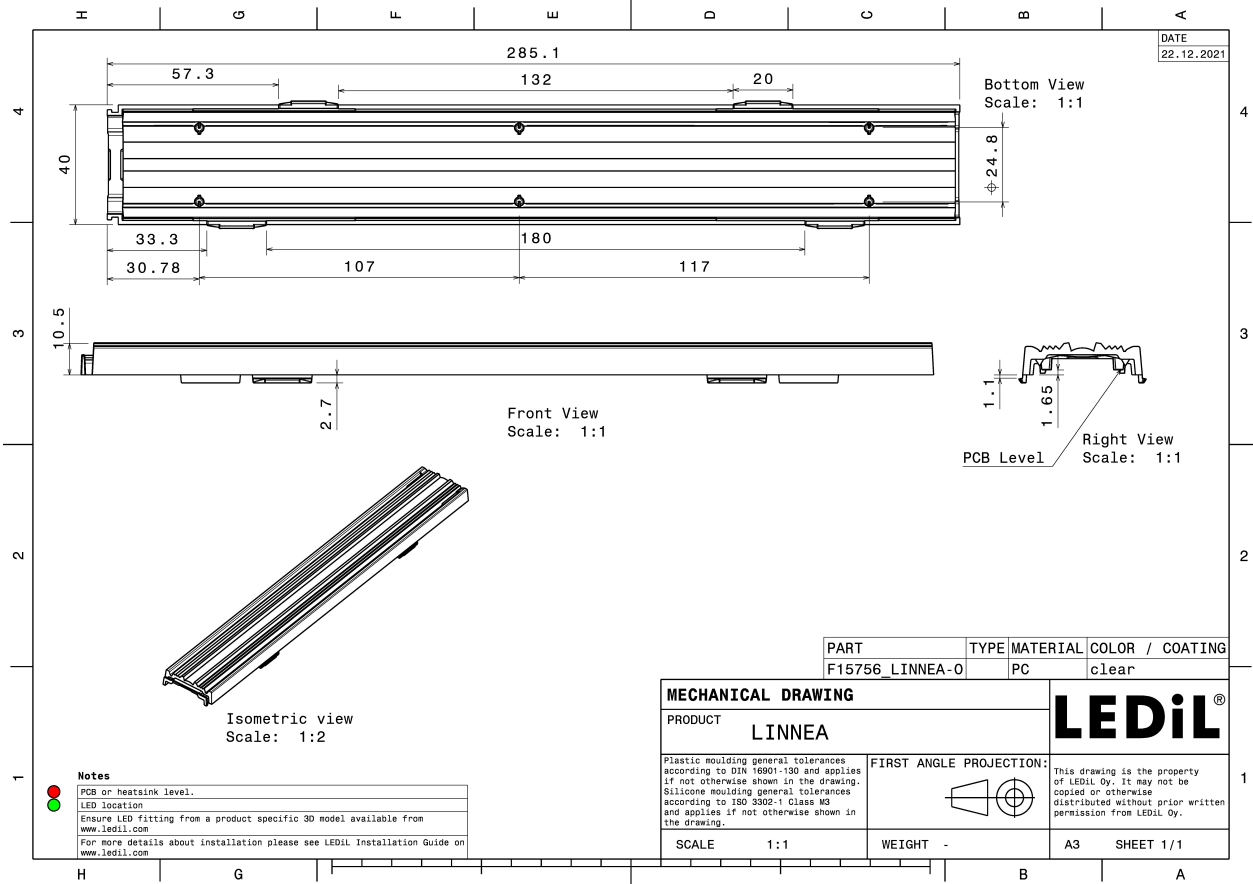
MATERIALS:

| Component | Type | Material | Colour | Finish |
|-----------|-------------|----------|--------|--------|
| LINNEA-O | Linear lens | PC | clear | |



ORDERING INFORMATION:

| Component | Qty in box | MOQ | MPQ | Box weight (kg) |
|---|------------|-----|-----|-----------------|
| F15756_LINNEA-O » Box size: 398 x 298 x 265 mm | 153 | 36 | 9 | 8.0 |

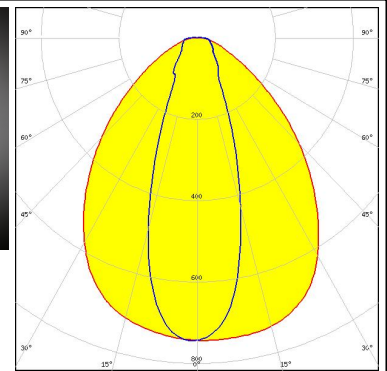
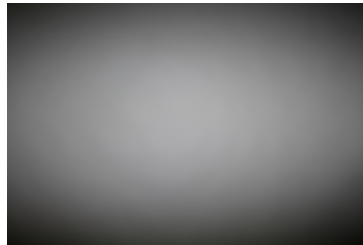


See also our general installation guide: www.ledil.com/installation_guide

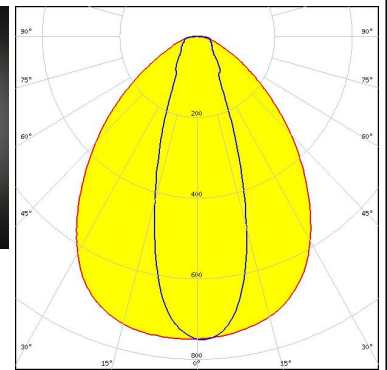
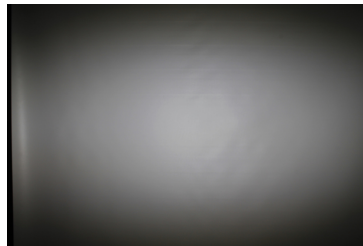
OPTICAL RESULTS (MEASURED):



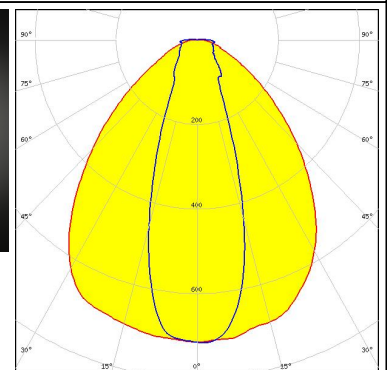
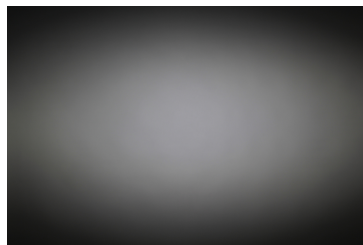
LED CALOSNU405-M7W1
 FWHM / FWTM 88.0 + 35.0° / 137.0 + 84.0°
 Efficiency 82 %
 Peak intensity 0.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



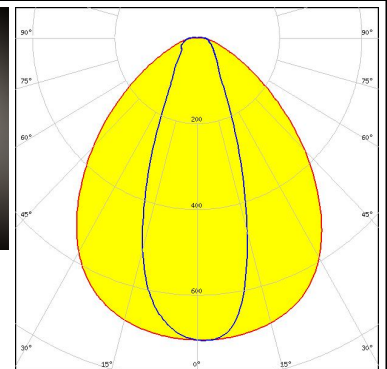
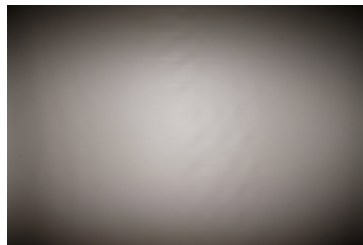
LED CALOSNU410-M7W1
 FWHM / FWTM 88.0 + 35.0° / 136.0 + 83.0°
 Efficiency 82 %
 Peak intensity 0.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:




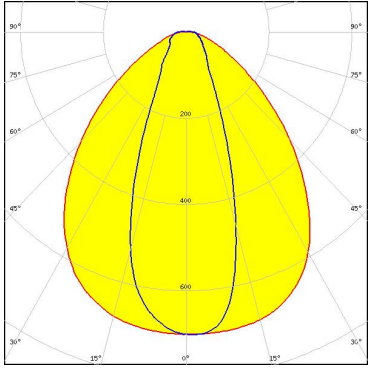
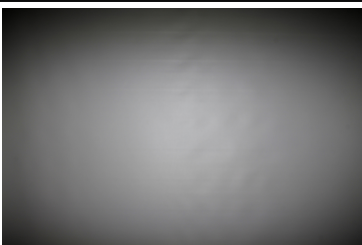
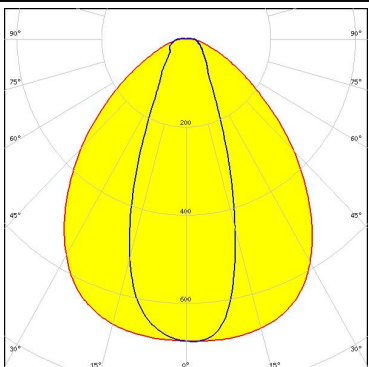

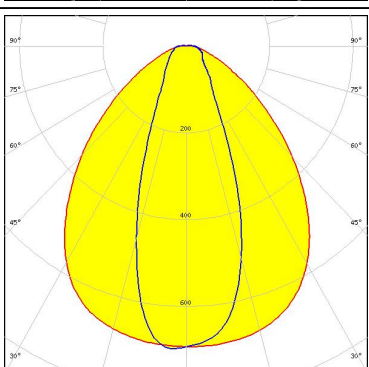
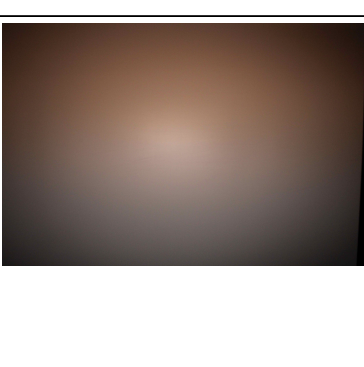
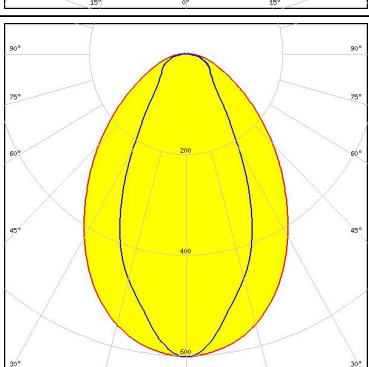
LED XP-E
 FWHM / FWTM 90.0 + 35.0° / 138.0 + 86.0°
 Efficiency 81 %
 Peak intensity 0.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED L-iC-282-827-865-011A
 FWHM / FWTM 91.0 + 39.0° / 139.0 + 84.0°
 Efficiency 83 %
 Peak intensity 0.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



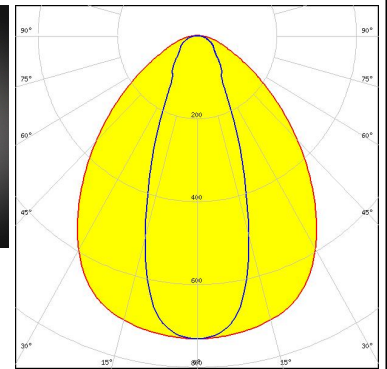
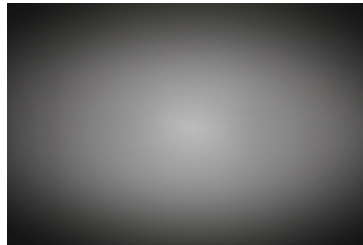
OPTICAL RESULTS (MEASURED):

| | | |
|--|--|---|
| <p>Helvar</p> <p>LED LP-282-840-009A 60/300 FWHM / FWTM 91.0 + 39.0° / 139.0 + 85.0° Efficiency 83 % Peak intensity 0.7 cd/lm LEDs/each optic 1 Light colour White Required components:</p> |  |  |
| <p>Helvar</p> <p>LED LS-282-840-011A FWHM / FWTM 92.0 + 39.0° / 140.0 + 86.0° Efficiency 82 % Peak intensity 0.7 cd/lm LEDs/each optic 1 Light colour White Required components:</p> |  |  |
| <p>Helvar</p> <p>LED LX-282-840-023A FWHM / FWTM 91.0 + 39.0° / 139.0 + 86.0° Efficiency 83 % Peak intensity 0.7 cd/lm LEDs/each optic 1 Light colour White Required components:</p> |  |  |
| <p>LUMITRONIX® <small>High-Performance LED-Technologies & Solutions</small></p> <p>LED LinearZ 280-112 Circadian TW FWHM / FWTM 81.0 + 56.0° / 142.0 + 111.0° Efficiency 84 % Peak intensity 0.6 cd/lm LEDs/each optic 1 Light colour Tunable White Required components:</p> |  |  |

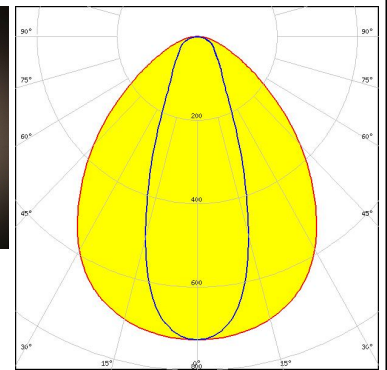
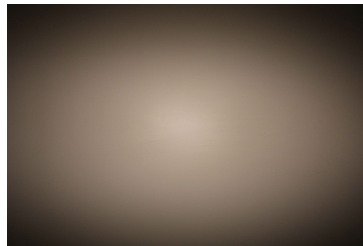
OPTICAL RESULTS (MEASURED):



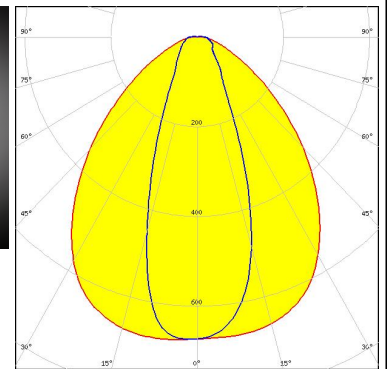
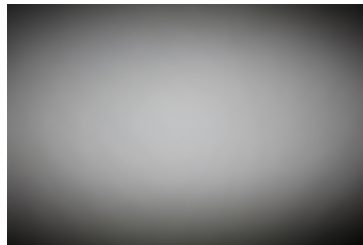
LED LinearZ 280-26
 FWHM / FWTM 89.0 + 39.0° / 140.0 + 89.0°
 Efficiency 84 %
 Peak intensity 0.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



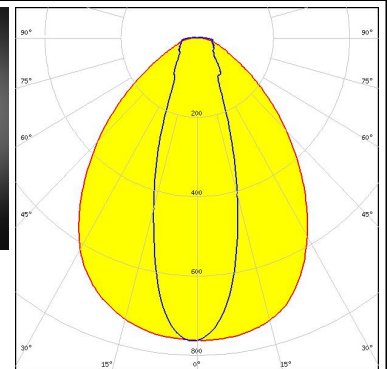
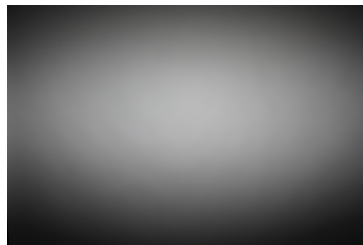
LED LinearZ 280-40 TW
 FWHM / FWTM 90.0 + 38.0° / 140.0 + 89.0°
 Efficiency 84 %
 Peak intensity 0.7 cd/lm
 LEDs/each optic 1
 Light colour Tunable White
 Required components:




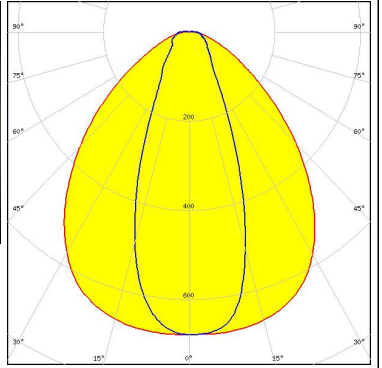
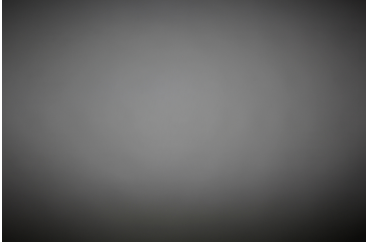
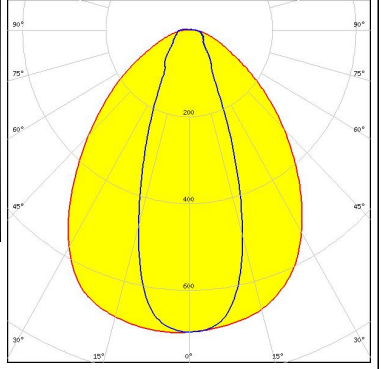
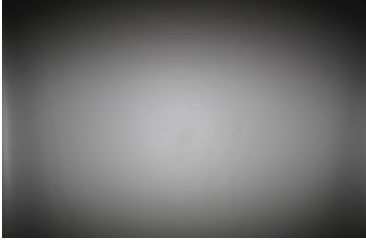
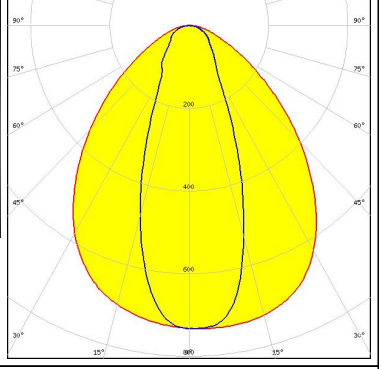
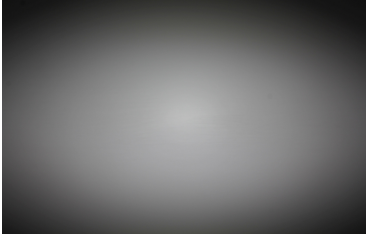
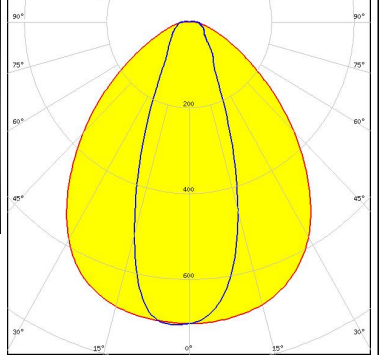
LED LinLED 280x24mm 1100lm 830 2C 30V LINNEA-GC G1
 FWHM / FWTM 91.0 + 39.0° / 139.0 + 84.0°
 Efficiency 82 %
 Peak intensity 0.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED NF2x757G
 FWHM / FWTM 86.0 + 33.0° / 136.0 + 84.0°
 Efficiency 82 %
 Peak intensity 0.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



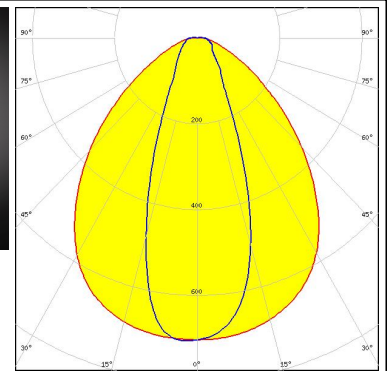
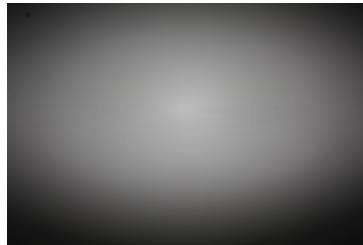
OPTICAL RESULTS (MEASURED):

| | | |
|--|--|---|
| <p>NICHIA</p> <p>LED NFSW757H</p> <p>FWHM / FWTM 92.0 + 41.0° / 140.0 + 89.0°</p> <p>Efficiency 85 %</p> <p>Peak intensity 0.7 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p> |  |  |
| <p>NICHIA</p> <p>LED NFSx757G</p> <p>FWHM / FWTM 87.0 + 38.0° / 140.0 + 85.0°</p> <p>Efficiency 81 %</p> <p>Peak intensity 0.7 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p> |  |  |
| <p>OSRAM</p> <p>LED PL-LIN-IND-Z1 2800 560x24</p> <p>FWHM / FWTM 91.0 + 39.0° / 140.0 + 94.0°</p> <p>Efficiency 87 %</p> <p>Peak intensity 0.7 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p> |  |  |
| <p>OSRAM</p> <p>LED PL-LIN-Z5 1100 280x20</p> <p>FWHM / FWTM 91.0 + 38.0° / 139.0 + 85.0°</p> <p>Efficiency 83 %</p> <p>Peak intensity 0.7 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p> |  |  |

OPTICAL RESULTS (MEASURED):

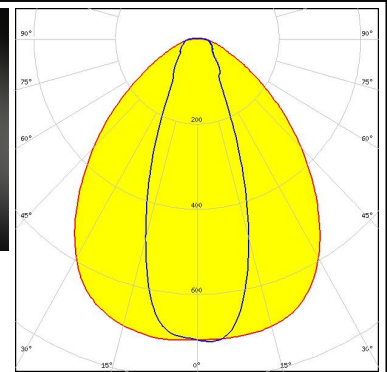
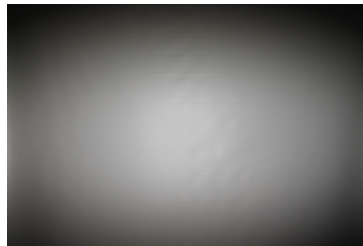
OSRAM

LED PL-LIN-Z5 2000 280x20
 FWHM / FWTM 92.0 + 39.0° / 140.0 + 85.0°
 Efficiency 83 %
 Peak intensity 0.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



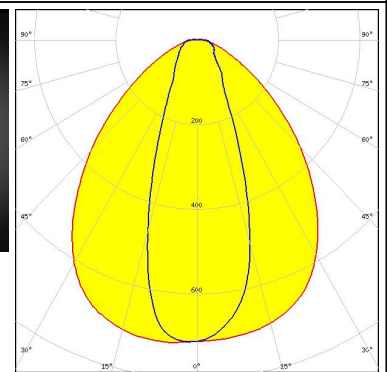
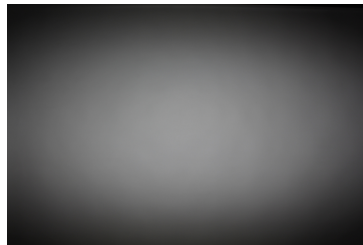
OSRAM Opto Semiconductors

LED Duris S5 (2 chip)
 FWHM / FWTM 90.0 + 38.0° / 138.0 + 86.0°
 Efficiency 83 %
 Peak intensity 0.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



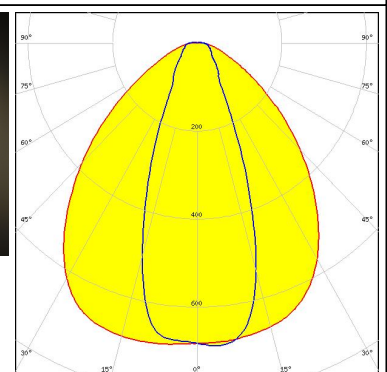
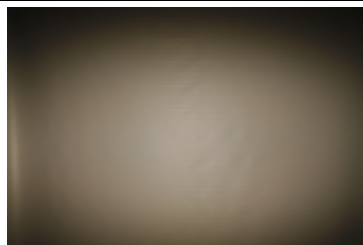
OSRAM Opto Semiconductors

LED Duris S5 (Single chip)
 FWHM / FWTM 91.0 + 38.0° / 139.0 + 88.0°
 Efficiency 85 %
 Peak intensity 0.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



PHILIPS

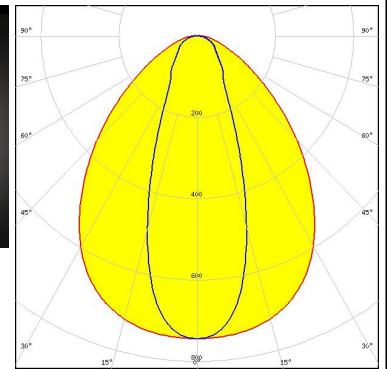
LED Fortimo LED Strip 1ft 1100lm FC HV4 & LV4
 FWHM / FWTM 92.0 + 40.0° / 140.0 + 85.0°
 Efficiency 83 %
 Peak intensity 0.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OPTICAL RESULTS (MEASURED):

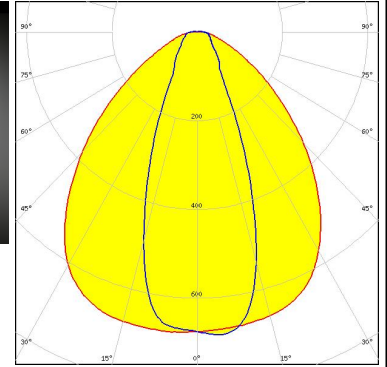
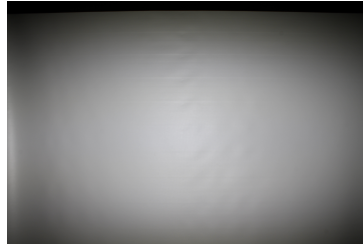
PHILIPS

LED Fortimo LED Strip 1ft 1100lm FC HV5 & LV5
 FWHM / FWTM 89.0 + 38.0° / 140.0 + 92.0°
 Efficiency 86 %
 Peak intensity 0.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



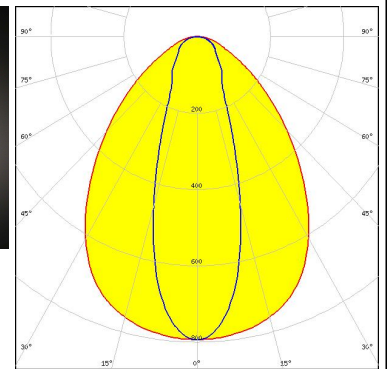
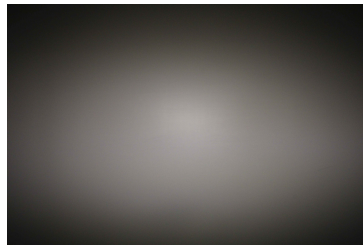
PHILIPS

LED Fortimo LED Strip 1ft 650lm FC HV4 & LV4
 FWHM / FWTM 93.0 + 40.0° / 140.0 + 85.0°
 Efficiency 83 %
 Peak intensity 0.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



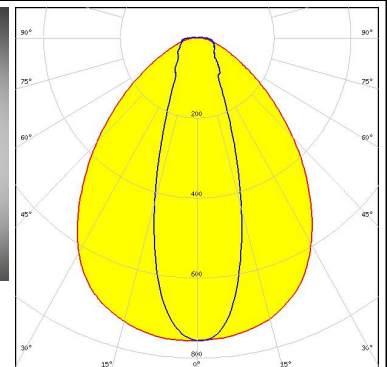
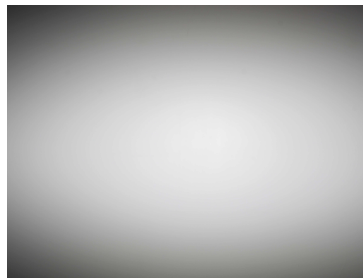
PHILIPS

LED Fortimo LED Strip 1ft 650lm FC HV5 & LV5
 FWHM / FWTM 85.0 + 33.0° / 136.0 + 90.0°
 Efficiency 85 %
 Peak intensity 0.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



SAMSUNG

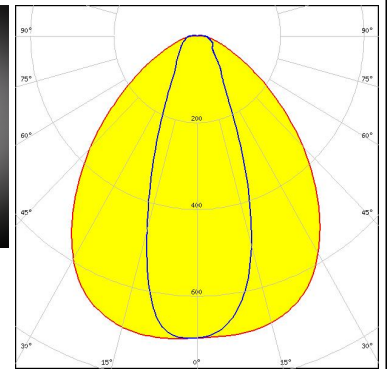
LED LM28xB Series
 FWHM / FWTM 88.0 + 33.0° / 137.0 + 84.0°
 Efficiency 83 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OPTICAL RESULTS (MEASURED):

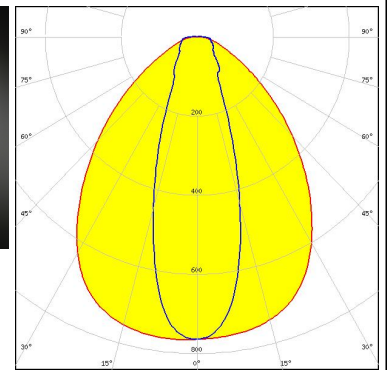
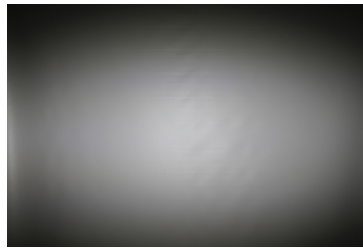
SAMSUNG

LED LM561B Plus
 FWHM / FWTM 91.0 + 39.0° / 139.0 + 84.0°
 Efficiency 82 %
 Peak intensity 0.7 cd/m
 LEDs/each optic 1
 Light colour White
 Required components:



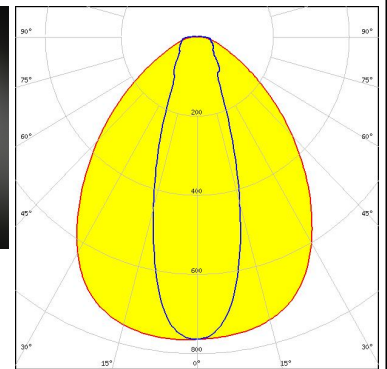
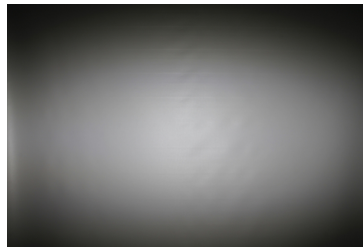
SAMSUNG

LED LT-H282C
 FWHM / FWTM 88.0 + 33.0° / 136.0 + 84.0°
 Efficiency 83 %
 Peak intensity 0.8 cd/m
 LEDs/each optic 1
 Light colour White
 Required components:



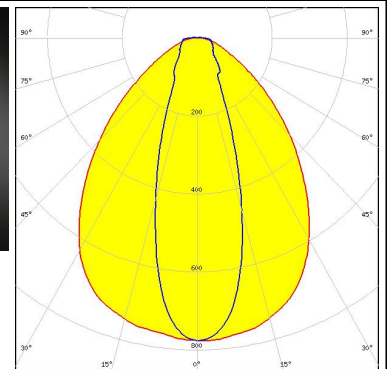
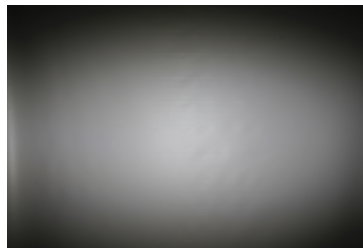
SAMSUNG

LED LT-H562C
 FWHM / FWTM 88.0 + 33.0° / 136.0 + 84.0°
 Efficiency 83 %
 Peak intensity 0.8 cd/m
 LEDs/each optic 1
 Light colour White
 Required components:



SAMSUNG

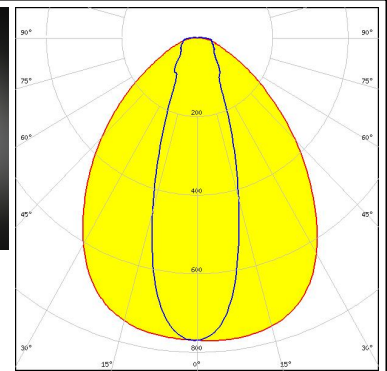
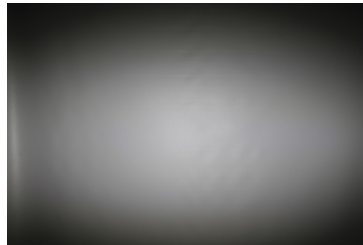
LED LT-Q282B
 FWHM / FWTM 86.0 + 33.0° / 136.0 + 84.0°
 Efficiency 83 %
 Peak intensity 0.8 cd/m
 LEDs/each optic 1
 Light colour White
 Required components:



OPTICAL RESULTS (MEASURED):

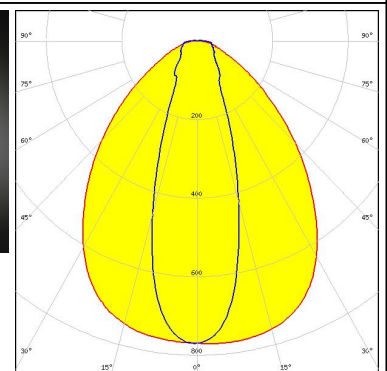
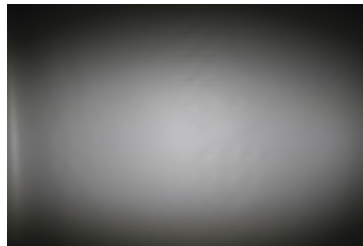
SAMSUNG

LED LT-S282H
 FWHM / FWTM 87.0 + 33.0° / 136.0 + 84.0°
 Efficiency 83 %
 Peak intensity 0.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



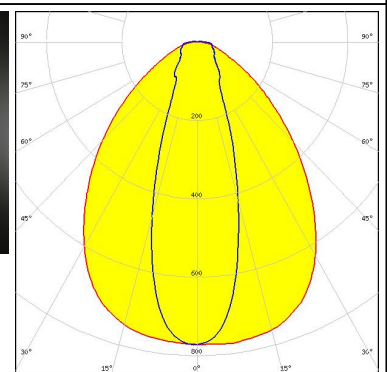
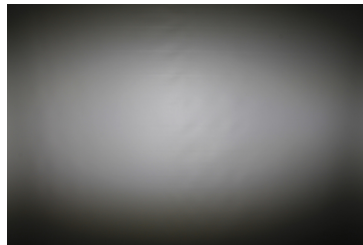
SAMSUNG

LED LT-S562H
 FWHM / FWTM 87.0 + 33.0° / 136.0 + 84.0°
 Efficiency 83 %
 Peak intensity 0.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



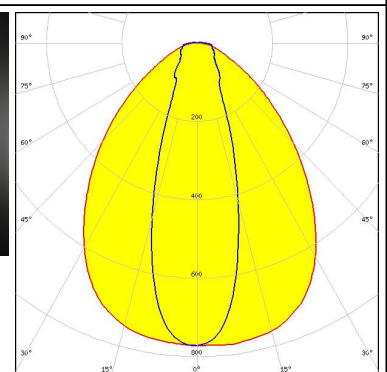
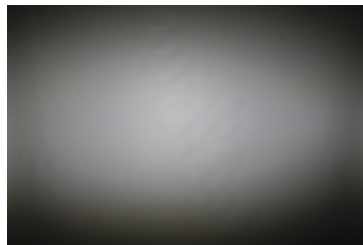
SAMSUNG

LED LT-V282E
 FWHM / FWTM 87.0 + 33.0° / 136.0 + 84.0°
 Efficiency 83 %
 Peak intensity 0.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:


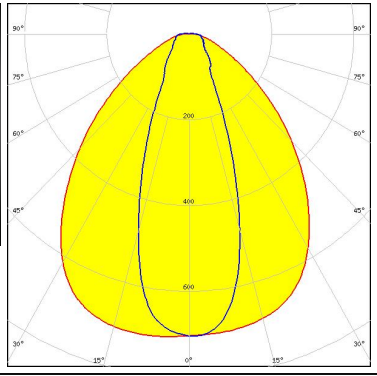

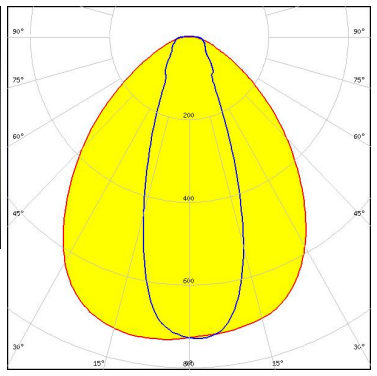

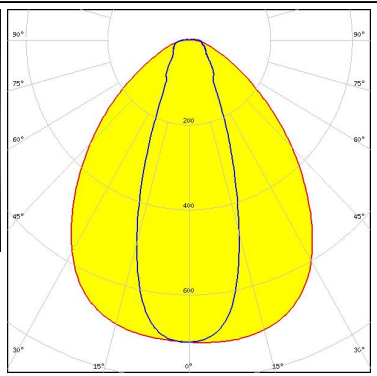
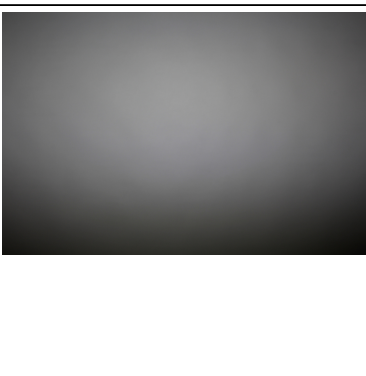
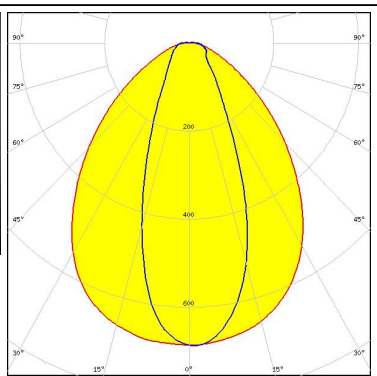


SAMSUNG

LED LT-V562E
 FWHM / FWTM 87.0 + 33.0° / 136.0 + 84.0°
 Efficiency 83 %
 Peak intensity 0.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



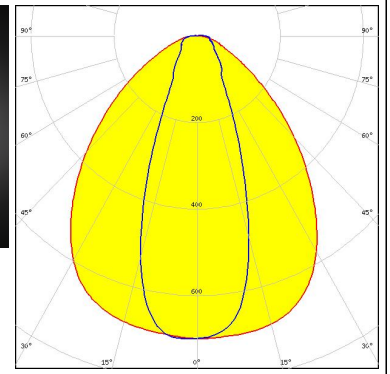
OPTICAL RESULTS (MEASURED):

| | | |
|--|--|---|
| <p>SEOUL SEMICONDUCTOR</p> <p>LED: SEOUL 5630D</p> <p>FWHM / FWTM: 91.0 + 38.0° / 139.0 + 86.0°</p> <p>Efficiency: 82 %</p> <p>Peak intensity: 0.7 cd/lm</p> <p>LEDs/each optic: 1</p> <p>Light colour: White</p> <p>Required components:</p> |  |  |
| <p>SEOUL SEMICONDUCTOR</p> <p>LED: SEOUL DC 3030</p> <p>FWHM / FWTM: 89.0 + 37.0° / 138.0 + 87.0°</p> <p>Efficiency: 84 %</p> <p>Peak intensity: 0.7 cd/lm</p> <p>LEDs/each optic: 1</p> <p>Light colour: White</p> <p>Required components:</p> |  |  |
| <p>TRIDONIC</p> <p>LED: LLE G4 24x280mm 1250lm</p> <p>FWHM / FWTM: 89.0 + 38.0° / 138.0 + 86.0°</p> <p>Efficiency: 83 %</p> <p>Peak intensity: 0.7 cd/lm</p> <p>LEDs/each optic: 1</p> <p>Light colour: White</p> <p>Required components:</p> |  |  |
| <p>TRIDONIC</p> <p>LED: LLE G4 24x280mm 2000lm ADV</p> <p>FWHM / FWTM: 88.0 + 40.0° / 139.0 + 88.0°</p> <p>Efficiency: 83 %</p> <p>Peak intensity: 0.7 cd/lm</p> <p>LEDs/each optic: 1</p> <p>Light colour: White</p> <p>Required components:</p> |  |  |


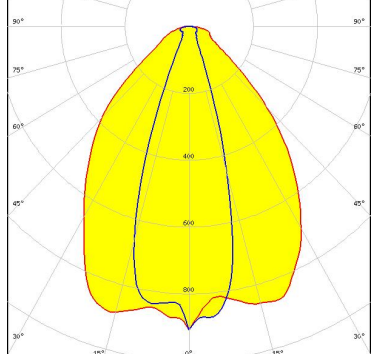

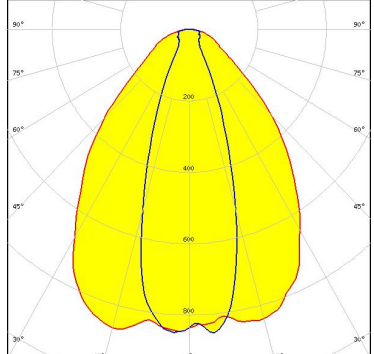
OPTICAL RESULTS (MEASURED):

TRIDONIC

LED LLE G4 24x280mm 650lm
FWHM / FWTM 90.0 + 39.0° / 138.0 + 87.0°
Efficiency 84 %
Peak intensity 0.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:



OPTICAL RESULTS (SIMULATED):

| | | |
|--|--|--|
|  <p>LED: Bridgelux SMD 2835 FWHM / FWTM: 82.0 + 33.0° / 125.0 + 52.0° Efficiency: 79 % Peak intensity: 0.9 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p> | |  |
|  <p>LED: SEOUL DC 3030C FWHM / FWTM: 82.0 + 34.0° / 134.0 + 60.0° Efficiency: 84 % Peak intensity: 0.9 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p> | |  |