



PLANET  
LIGHTING

PLANET  
**LED PUCK**  
**SNAP &  
SOLO**

**Lux Guide +  
Spacing**



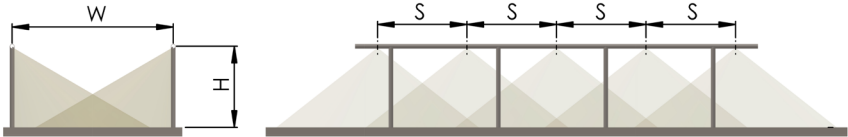
# Aperture

## LUX GUIDE

The following guide is intended to help designers and engineers with desired lux levels. The drawing to the right shows a typical installation into a handrail. The tables list the average lux at a variety of path widths and LED spacings.

lx = average lux  
CCT = 4000K  
Note: Calculations indicated are with LED module in vertical down position.

### TYPICAL INSTALLATION



Height (H) is at 1m

### ASSYMETRIC BEAM: LIGHT FROM BOTH SIDES

| Path Width (W)  | 1.2m | 2m  | 3m  | 4m  |
|-----------------|------|-----|-----|-----|
| LED Spacing (S) | lx   | lx  | lx  | lx  |
| 0.5m            | 320  | 228 | 156 | 120 |
| 1m              | 160  | 114 | 78  | 60  |
| 2m              | 80   | 57  | 39  | 30  |

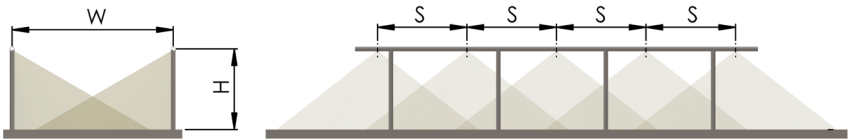
# Asymmetric

## LUX GUIDE

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lx = average lux  
CCT = 3000K  
Note: Calculations indicated are with LED module in vertical down position.

### TYPICAL INSTALLATION



Height (H) is at 1m

### ASYMMETRIC BEAM: LIGHT FROM BOTH

| Path Width (W)  | 1.2m | 2m  | 3m  | 4.0m |
|-----------------|------|-----|-----|------|
| LED Spacing (S) | lx   | lx  | lx  | lx   |
| 0.5m            | 356  | 232 | 148 | 112  |
| 1m              | 178  | 116 | 74  | 56   |
| 2m              | 89   | 58  | 37  | 28   |



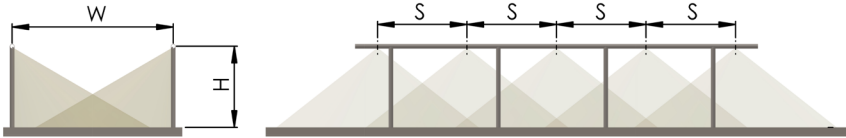
# Standard

## LUX GUIDE

The following guide is intended to help designers and engineers with desired lux levels. The drawing to the right shows a typical installation into a handrail. The tables list the average lux at a variety of path widths and LED spacings.

lx = average lux  
CCT = 3000K  
Note: Calculations indicated are with LED module installed at 30° offset from vertical down axis.

### TYPICAL INSTALLATION



Height (H) is at 1m

### STANDARD BEAM: LIGHT FROM BOTH SIDES

| Path Width (W)  | 1.2m | 2m  | 3m  | 4m  |
|-----------------|------|-----|-----|-----|
| LED Spacing (S) | lx   | lx  | lx  | lx  |
| 0.5m            | 376  | 268 | 188 | 144 |
| 1m              | 188  | 134 | 94  | 72  |
| 2m              | 94   | 67  | 47  | 36  |

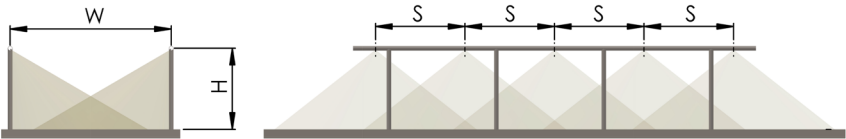
# Wide

## LUX GUIDE

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lx = average lux  
CCT = 3000K  
Note: Calculations indicated are with LED module in vertical down position..

### TYPICAL INSTALLATION



Height (H) is at 1m

### WIDE BEAM: LIGHT FROM BOTH SIDES

| Path Width (W)  | 1.2m | 2.0m | 3.0m | 4.0m |
|-----------------|------|------|------|------|
| LED Spacing (S) | lx   | lx   | lx   | lx   |
| 0.5m            | 222  | 133  | 89   | 67   |
| 1.0m            | 111  | 67   | 44   | 33   |
| 2.0m            | 56   | 33   | 22   | 17   |



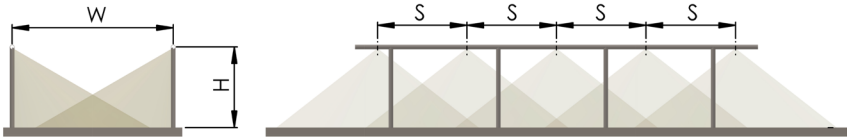
# UNI 2.0

## LUX GUIDE

The following guide is intended to help designers and engineers with desired lux levels. The drawing to the right shows a typical installation into a handrail. The tables list the average lux at a variety of path widths and LED spacings.

lx = average lux  
CCT = 4000K  
Note: Calculations indicated are with LED module in vertical down position.

### TYPICAL INSTALLATION



Height (H) is at 1m

### STANDARD BEAM: LIGHT FROM BOTH SIDES

| Path Width (W)  | 1.2 m | 2 m | 3 m | 4 m |
|-----------------|-------|-----|-----|-----|
| LED Spacing (S) | lx    | lx  | lx  | lx  |
| 0.5m            | 384   | 276 | 192 | 148 |
| 1m              | 192   | 138 | 96  | 74  |
| 2m              | 96    | 69  | 48  | 37  |

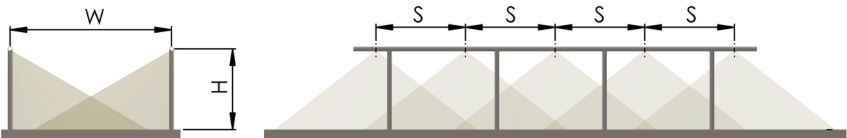
# SOLO TW AS

## LUX GUIDE

The following guide is intended to help designers and engineers with desired lux levels. The drawing to the right shows a typical installation into a handrail. The tables list the average lux at a variety of path widths and LED spacings.

lx = average lux  
CCT = 3000K  
Note: Calculations indicated are with LED module installed at 30° offset from vertical down axis.

### TYPICAL INSTALLATION



Height (H) is at 1m

### ASYMMETRIC BEAM: LIGHT FROM BOTH

| Path Width (W)  | 1.2m | 2.0m | 3.0m | 4.0m |
|-----------------|------|------|------|------|
| LED Spacing (S) | lx   | lx   | lx   | lx   |
| 0.5m            | 291  | 174  | 116  | 87   |
| 1.0m            | 145  | 87   | 58   | 44   |
| 2.0m            | 73   | 44   | 29   | 22   |



# SOLO TW ST

## LUX GUIDE

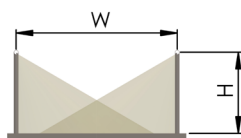
The following guide is intended to help designers and engineers with desired lux levels. The drawing to the right shows a typical installation into a handrail. The tables list the average lux at a variety of path widths and LED spacings.

lx = average lux

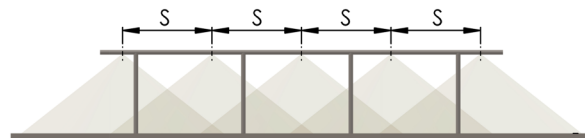
CCT = 3000K

Note: Calculations indicated are with LED module installed at 30° offset from vertical down axis.

### TYPICAL INSTALLATION



Height (H) is at 1m



### STANDARD BEAM: LIGHT FROM BOTH SIDES

| Path Width (W)  | 1.2m | 2.0m | 3.0m | 4.0m |
|-----------------|------|------|------|------|
| LED Spacing (S) | lx   | lx   | lx   | lx   |
| 0.5m            | 342  | 205  | 137  | 103  |
| 1.0m            | 171  | 103  | 68   | 51   |
| 2.0m            | 86   | 51   | 34   | 26   |

# SOLO RGBW AS

## LUX GUIDE

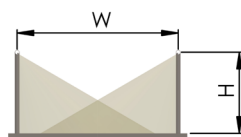
The following guide is intended to help designers and engineers with desired lux levels. The drawing to the right shows a typical installation into a handrail. The tables list the average lux at a variety of path widths and LED spacings.

lx = average lux

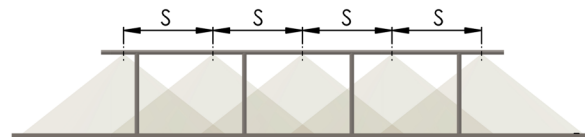
CCT = 4000K

Note: Calculations indicated are with LED module in vertical down position.

### TYPICAL INSTALLATION



Height (H) is at 1m



### ASYMMETRIC BEAM: LIGHT FROM BOTH

| Path Width (W)  | 1.2m | 2.0m | 3.0m | 4.0m |
|-----------------|------|------|------|------|
| LED Spacing (S) | lx   | lx   | lx   | lx   |
| 0.5m            | 291  | 174  | 116  | 87   |
| 1.0m            | 145  | 87   | 58   | 44   |
| 2.0m            | 73   | 44   | 29   | 22   |



PLANET  
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<https://www.planetlighting.com/downloads-resources/architectural/>

# SOLO RGBW ST

## LUX GUIDE

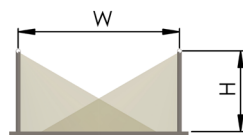
The following guide is intended to help designers and engineers with desired lux levels. The drawing to the right shows a typical installation into a handrail. The tables list the average lux at a variety of path widths and LED spacings.

lx = average lux

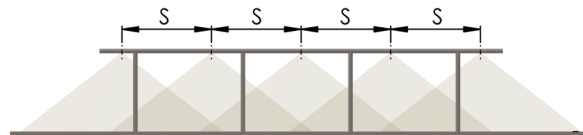
CCT = 4000K

Note: Calculations indicated are with LED module installed at 30° offset from vertical down axis and obtained using white chip at 500mA.

### TYPICAL INSTALLATION



Height (H) is at 1m



### SYMMETRIC BEAM: LIGHT FROM BOTH SIDES

| Path Width (W)  | 1.2m | 2.0m | 3.0m | 4.0m |
|-----------------|------|------|------|------|
| LED Spacing (S) | lx   | lx   | lx   | lx   |
| 0.5m            | 380  | 228  | 152  | 114  |
| 1.0m            | 190  | 114  | 76   | 57   |
| 2.0m            | 95   | 57   | 38   | 28   |

# SOLO AS

## LUX GUIDE

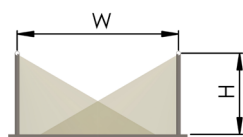
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lx = average lux

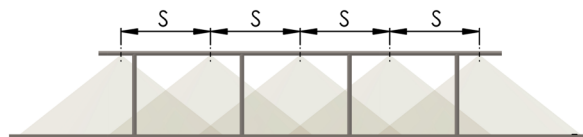
CCT = 3000K

Note: Calculations indicated are with LED module in vertical down position.

### TYPICAL INSTALLATION



Height (H) is at 1m



### ASYMMETRIC BEAM: LIGHT FROM BOTH

| Path Width (W)  | 1.2m | 2.0m | 3.0m | 4.0m |
|-----------------|------|------|------|------|
| LED Spacing (S) | lx   | lx   | lx   | lx   |
| 0.5m            | 291  | 174  | 116  | 87   |
| 1.0m            | 145  | 87   | 58   | 44   |
| 2.0m            | 73   | 44   | 29   | 22   |



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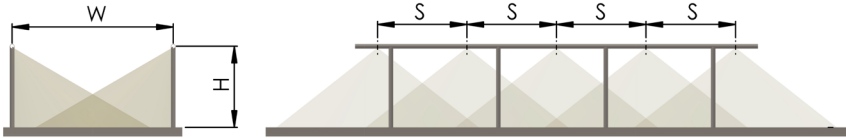
# SOLO ST

## LUX GUIDE

The following guide is intended to help designers and engineers with desired lux levels. The drawing to the right shows a typical installation into a handrail. The tables list the average lux at a variety of path widths and LED spacings.

lx = average lux  
 CCT = 3000K  
 Note: Calculations indicated are with LED module installed at 30° offset from vertical down axis.

### TYPICAL INSTALLATION



Height (H) is at 1m

### SYMMETRIC BEAM: LIGHT FROM BOTH SIDES

| Path Width (W)  | 1.2m | 2.0m | 3.0m | 4.0m |
|-----------------|------|------|------|------|
| LED Spacing (S) | lx   | lx   | lx   | lx   |
| 0.5m            | 342  | 205  | 137  | 103  |
| 1.0m            | 171  | 103  | 68   | 51   |
| 2.0m            | 86   | 51   | 34   | 26   |

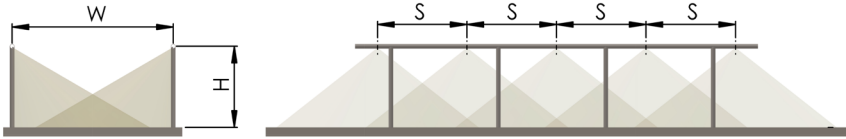
# SOLO AP

## LUX GUIDE

The following guide is intended to help designers and engineers with desired lux levels. The drawing to the right shows a typical installation into a handrail. The tables list the average lux at a variety of path widths and LED spacings.

lx = average lux  
 CCT = 4000K  
 Note: Calculations indicated are with LED module installed at 30° offset from vertical down axis.

### TYPICAL INSTALLATION



Height (H) is at 1m

### ASYMMETRIC BEAM: LIGHT FROM BOTH

| Path Width (W)  | 1.2m | 2m  | 3m  | 4m  |
|-----------------|------|-----|-----|-----|
| LED Spacing (S) | lx   | lx  | lx  | lx  |
| 0.5m            | 320  | 228 | 156 | 120 |
| 1m              | 160  | 114 | 78  | 60  |
| 2m              | 80   | 57  | 39  | 30  |



# SOLO WD

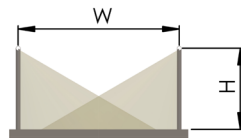
## LUX GUIDE

The following guide is intended to help designers and engineers with desired lux levels. The drawing to the right shows a typical installation into a handrail. The tables list the average lux at a variety of path widths and LED spacings.

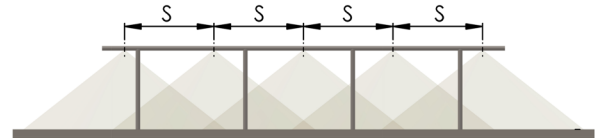
lx = average lux  
CCT = 3000K

Note: Calculations indicated are with LED module installed at 30° offset from vertical down axis.

### TYPICAL INSTALLATION



Height (H) is at 1m



### WIDE BEAM: LIGHT FROM BOTH SIDES

| Path Width (W)  | 1.2m | 2.0m | 3.0m | 4.0m |
|-----------------|------|------|------|------|
| LED Spacing (S) | lx   | lx   | lx   | lx   |
| 0.5m            | 222  | 133  | 89   | 67   |
| 1.0m            | 111  | 67   | 44   | 33   |
| 2.0m            | 56   | 33   | 22   | 17   |

# SOLO UNI 2.0

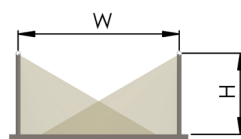
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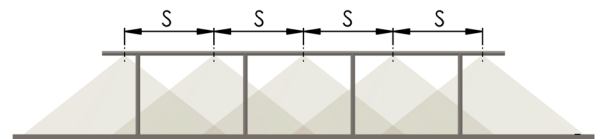
lx = average lux  
CCT = 4000K

Note: Calculations indicated are with LED module installed at 30° offset from vertical down axis.

### TYPICAL INSTALLATION



Height (H) is at 1m



### STANDARD BEAM: LIGHT FROM BOTH SIDES

| Path Width (W)  | 1.2 m | 2 m | 3 m | 4 m |
|-----------------|-------|-----|-----|-----|
| LED Spacing (S) | lx    | lx  | lx  | lx  |
| 0.5m            | 384   | 276 | 192 | 148 |
| 1m              | 192   | 138 | 96  | 74  |
| 2m              | 96    | 69  | 48  | 37  |

