

How to use the ready reckoner lux planner

1. Select the fitting
2. Choose the Lux Level you require
3. Select the closest room dimensions of the space
4. Use the table to determine the quantity of fittings required


Recommended Lighting Levels Explained

200 Lux - For general occupancy
 300 Lux - For moderately easy tasks
 500 Lux - For moderately difficult tasks

Design criteria all downlights and LED panel


1. All dimensions shown are in metres
2. Ceiling height assumed @ 2500mm
3. Average Surface Reflectances used - Floor 20 / Walls 50 / Ceiling 70
4. Working Plane measured at 750mm above FFL
5. Maintenance Factor assumed @ 0.80

E6^{PRO}
200 & 300 Lux



Room Size		Choose Lux Level	
L (m)	W (m)	200 lux	300 lux
2.5	2.5	4	5
2.5	5	6	10
2.5	7.5	10	14
2.5	10	12	18
5	5	12	16
5	7.5	18	24
5	10	21	32
7.5	7.5	25	36
7.5	10	32	45
10	10	42	56

E5TM
200 & 300 Lux



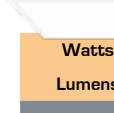
Room Size		Choose Lux Level	
L (m)	W (m)	200 lux	300 lux
2	2	4	6
2	4	8	12
2	6	10	15
2	8	12	18
4	4	12	20
4	6	X	X
4	8	X	X
6	6	X	X
6	8	X	X
8	8	X	X

E8TM
200 & 300 Lux



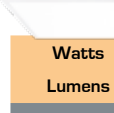
Room Size		Choose Lux Level	
L (m)	W (m)	200 lux	300 lux
2.5	2.5	4	5
2.5	5	6	10
2.5	7.5	10	14
2.5	10	12	18
5	5	12	16
5	7.5	18	24
5	10	21	32
7.5	7.5	25	36
7.5	10	32	45
10	10	42	56

E6060^{PRO}
300 & 500 Lux



Room Size		Choose Lux Level	
L (m)	W (m)	300 lux	500 lux
2.5	2.5	1	1
2.5	5	2	3
2.5	7.5	3	4
2.5	10	4	5
5	5	4	6
5	7.5	6	9
5	10	8	12
7.5	7.5	8	14
7.5	10	12	18
10	10	16	24

E6060TM
300 & 500 Lux



Room Size		Choose Lux Level	
L (m)	W (m)	300 lux	500 lux
2.5	2.5	1	1
2.5	5	2	3
2.5	7.5	3	4
2.5	10	4	5
5	5	4	6
5	7.5	6	9
5	10	8	12
7.5	7.5	8	14
7.5	10	12	18
10	10	16	24

Ariah^{PRO}
150 & 300 Lux



Room Size		Choose Lux Level					
L (m)	W (m)	150 lux	300 lux	150 lux	300 lux	150 lux	300 lux
10	10	4	5	4	4	2	4
10	20	6	8	4	6	3	6
10	30	8	12	6	8	4	8
20	20	9	16	6	9	4	9
20	30	12	20	8	15	6	12
30	30	16	30	12	20	9	16

X = Specific luminaire not suitable to achieve LUX level in room size

For assistance please email us on uk@enlitemighting.com

Notes

The lighting calculation information displayed above is an indicative guide for the areas and design criteria indicated. It is recommended that the customer carries out his own calculations to verify that the proposed quantity of luminaires meet the specified requirements. All quantities shown are calculated and rounded upwards and then determined into an amount that offers a grid pattern for installation. Enlite does not accept responsibility for lighting installations which fail to comply with specification where this criteria has been used to estimate quantity.

Design criteria for Ariah PRO

1. All dimensions shown are in metres
2. Ceiling height assumed @ 6000mm
3. Average Surface Reflectances used - Floor 20 / Ceiling 50 / Walls 30
4. Working Plane measured at FFL
5. Maintenance Factor assumed @ 0.80

Uni-Fit™
200 & 300 Lux



		EN-DL10	EN-DL15	EN-DL23	EN-DL30				
Watts		10	15	23	30				
Lumens		900	1350	2100	2800				
Room Size		Choose Lux Level							
L (m)	W (m)	200 lux	300 lux	200 lux	300 lux	200 lux	300 lux	200 lux	300 lux
2	2	2	2	1	2	1	1	1	1
2	4	3	4	2	3	1	2	1	2
2	6	4	6	3	4	2	3	2	2
2	8	6	8	4	5	3	3	2	3
4	4	6	8	4	6	3	4	2	3
4	6	9	12	6	8	4	5	3	4
4	8	12	15	8	10	4	6	4	6
6	6	12	18	9	12	6	9	4	6
6	8	16	24	12	16	6	12	5	9
8	8	20	30	16	20	9	15	8	12

Slim-Fit™
200 & 300 Lux



		EN-PL06B/40	EN-PL09B/40	EN-PL12B/40	EN-PL18B/40	EN-PL24B/40					
Watts		6	9	12	18	24					
Lumens		330	500	780	1200	1600					
Room Size		Choose Lux Level									
L (m)	W (m)	200 lux	300 lux	200 lux	300 lux	200 lux	300 lux	200 lux	300 lux	200 lux	300 lux
2	2	3	5	2	2	2	2	1	2	1	1
2	4	6	9	4	6	3	4	2	3	2	2
2	6	10	15	6	8	4	6	3	4	2	3
2	8	12	18	8	12	6	8	3	5	3	4
4	4	15	20	8	12	5	8	4	5	3	4
4	6	X	X	12	18	8	12	5	8	4	6
4	8	X	X	15	24	10	15	6	10	6	8
6	6	X	X	18	25	12	16	8	12	6	9
6	8	X	X	24	X	15	20	9	15	8	12
8	8	X	X	30	X	20	30	12	20	9	15

Lumi-Fit™
200, 300 & 500 Lux



		EN-DDLH413/40	EN-DDLH618/40	EN-DDLH818/40	EN-DDLH825/40	EN-DDLH840/40	EN-DDLH1045/40						
Watts		13	18	18	25	40	45						
Lumens		1260	1800	1900	2600	4150	4500						
Room Size		Choose Lux Level											
L (m)	W (m)	200 lux	300 lux	200 lux	300 lux	200 lux	300 lux	200 lux	300 lux	300 lux	500 lux	300 lux	500 lux
2.5	2.5	3	4	2	3	2	3	1	2	1	2	1	2
2.5	5	4	6	3	4	3	4	2	3	2	3	2	3
2.5	7.5	5	8	4	5	4	5	3	4	3	4	3	4
2.5	10	6	10	5	7	5	7	4	5	4	5	4	5
5	5	6	9	6	8	6	8	4	5	4	5	4	5
5	7.5	8	15	8	10	8	10	5	8	5	8	5	8
5	10	12	18	8	12	8	12	6	10	6	10	6	8
7.5	7.5	12	20	9	15	9	15	8	12	6	12	6	9
7.5	10	16	24	12	18	12	18	9	15	9	15	9	12
10	10	24	36	16	24	16	24	12	16	12	16	12	16

X = Specific luminaire not suitable to achieve LUX level in room size

Due to the nature of evolving led technology specification may vary
visit enlitemlighting.com for up to date information
Lumen values +/-10%