

## 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
5. Interpolate for dimensions between those shown

### Recommended Lighting Levels Explained

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

## Design criteria

1. All dimensions shown are in metres
2. Ceiling height assumed @ 2500mm
3. Average surface reflectances used - floor 20 / ceiling 70 / walls 50
4. Working plane measured at 750mm above FFL
5. Maintenance Factor assumed @ 0.85
6. No allowance has been made within the calculation in respect of compliance with UGR



## mPRO™

### mPRO Recessed LED Downlight

		AU-MPRO1/27	AU-MPRO1/30	AU-MPRO1/40			
Nominal Power		7W	7W	7W			
Lumen Output		550lm	600lm	640lm			
Room Size		Choose Lux Level					
L (m)	W (m)	200 lux	300 lux	200 lux	300 lux	300 lux	500 lux
2	2	2	2	2	2	2	2
2	4	3	4	3	4	3	4
2	6	4	6	4	6	4	6
2	8	5	8	5	8	5	8
4	4	6	9	6	9	6	9
4	6	8	12	8	12	8	12
4	8	12	18	10	16	10	16
6	6	12	18	12	18	12	16
6	8	18	24	18	24	15	21
8	8	25	36	25	36	20	30



## m10™

### m10 Recessed LED Downlight

		AU-FRL801B/40	AU-FRLD811B/40	AU-FRLD813B/40			
Nominal Power		8.5W	8.5W	8.5W			
Lumen Output		575lm	550lm	450lm			
Room Size		Choose Lux Level					
L (m)	W (m)	200 lux	300 lux	200 lux	300 lux	200 lux	300 lux
2	2	2	2	2	2	2	2
2	4	3	4	3	4	3	4
2	6	4	6	4	6	5	7
2	8	5	8	5	8	6	9
4	4	6	9	6	9	8	12
4	6	8	12	8	12	10	15
4	8	12	18	12	18	14	21
6	6	12	18	12	18	20	25
6	8	18	24	18	24	24	35
8	8	25	36	25	36	30	48

## SuperSlim

### Low Profile LED Downlight



		AU-DL1008BW/40	AU-DL10113BW/40	AU-DL10218BW/40			
Nominal Power		8W	13W	18W			
Lumen Output		400lm	780lm	1100lm			
Room Size		Choose Lux Level					
L (m)	W (m)	200 lux	300 lux	200 lux	300 lux	200 lux	300 lux
2	2	4	6	2	3	2	3
2	4	8	12	4	6	3	4
2	6	10	15	6	8	4	6
2	8	12	18	8	12	5	8
4	4	12	20	8	12	6	8
4	6	X	X	10	15	8	12
4	8	X	X	12	18	9	15
6	6	X	X	12	20	9	15
6	8	X	X	X	X	12	18
8	8	X	X	X	X	16	20



**Modi™**

**Modi Recessed LED Downlight (Small)**

AU-DL17511/40 AU-DL17519/40 AU-DL19519/40 AU-DL19523/40

**Modi™**

**Modi Recessed LED Downlight (Large)**

AU-DL17511/40 AU-DL17519/40 AU-DL19519/40

Room Size		Choose Lux Level							
L (m)	W (m)	200 lux	300 lux	200 lux	300 lux	300 lux	500 lux	300 lux	500 lux
2	2	2	3	1	2	1	2	1	2
2	4	3	4	2	3	2	3	2	3
2	6	4	6	3	4	3	4	2	3
2	8	6	8	4	5	4	5	3	4
4	4	6	9	4	6	4	6	4	6
4	6	8	12	6	8	6	8	4	6
4	8	10	16	6	9	6	9	6	6
6	6	9	16	9	12	9	12	6	9
6	8	16	24	9	12	9	12	9	12
8	8	20	30	9	16	9	16	9	12

Room Size		Choose Lux Level					
L (m)	W (m)	200 lux	300 lux	200 lux	300 lux	300 lux	500 lux
2	2	2	3	1	2	1	2
2	4	3	4	2	3	2	3
2	6	3	5	2	4	3	4
2	8	4	6	4	5	3	4
4	4	6	8	4	6	4	6
4	6	6	10	6	8	6	8
4	8	6	12	6	10	6	8
6	6	9	16	9	12	9	12
6	8	12	20	9	16	9	12
8	8	12	25	12	20	9	16



**dSeries Recessed LED Downlight**

AU-DL10013BW/40 AU-DL10019BW/40 AU-DL20019BW/40 AU-DL10032BW/40

**dseries™**



**versiTILE™**

**600x600mm LED Flat Panel**

AU-LP100BW/40

Room Size		Choose Lux Level							
L (m)	W (m)	200 lux	300 lux	200 lux	300 lux	300 lux	500 lux	300 lux	500 lux
2	2	2	3	1	2	2	3	1	2
2	4	4	6	2	3	3	5	2	4
2	6	6	8	3	4	4	6	3	5
2	8	8	12	4	6	6	8	4	6
4	4	8	12	4	6	6	9	4	6
4	6	9	15	6	8	8	12	5	8
4	8	12	18	6	10	10	15	6	8
6	6	12	20	9	12	12	18	8	12
6	8	X	X	9	15	15	20	9	12
8	8	X	X	12	16	16	24	12	18

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

**Notes**

The lighting calculation information displayed above is indicative 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.

Aurora will not accept responsibility for lighting installations which fail to comply with specification where this criteria has been used to estimate quantity.

Information