



## Room Estimator - Layout 1 - B1.01 Lobby (Lift)

### Luminaire

IES Filename: KV20.01R04.3080  
 Description: VENICE 20 DOWNLIGHT series LED Downlight - MWFL - 3000K CRI97

Lumens Per Lamp:	N.A.	lms
Number of Lamps:	1	
Luminaire Lumens:	2245	lms
Luminaire Efficiency:	N.A.	%
Luminaire Watts:	28	W

**Total Light Loss Factor (LLF): 0.600**

### Room Dimensions

Length (X):	5.4	m
Width (Y):	1.821	m
Height (Z):	3.5	m
Workplane Height:	0	m
Suspension Length:	0	m
Room Cavity Ratio (RCR):	12.851	

### Room Reflectance

Ceiling:	0.50
Walls:	0.30
Floor:	0.20
Effective Ceiling Cavity:	0.500
Effective Floor Cavity:	0.200

**Coefficient of Utilization (CU): 0.467**

### Results

<b>Estimated Average Illuminance:</b>	<b>192</b>	<b>lux</b>
<b>Number of Luminaires:</b>	<b>3</b>	
<b>Lighting Power Density (LPD):</b>	<b>8.420</b>	<b>W/m<sup>2</sup></b>

### Layout

	<b>Rows</b> <small>(Width, Y)</small>	<b>Columns</b> <small>(Length, X)</small>	
Grid Layout (Size):	1 ×	3	luminaires
Grid Spacing:	0 ×	1.8	m
Wall (Start) Spacing:	0.91 ×	0.9	m
Ceiling Grid Spacing:	N.A. ×	N.A.	m
Spacing Criteria:	0.76 ×	0.8	m

