

Electrical and Mechanical Services Department

Code of Practice for Energy Efficiency of Building Services Installation 2012 Edition

Addendum No. BEC01

(*taking effect from:-

28 August 2014 in respect of the requirement of issue of Stage One Declaration

28 November 2014 in respect of the requirement of issue of Form of Compliance)

Table 5.4 in clause 5.4.1 of the above code of practice is revised as follows (*amendments shown in bold italics*):

Table 5.4 : Lighting Power Density for Various Types of Space		
Type of Space	Maximum Allowable LPD (W/m ²)	
	<i>Initial version</i>	<i>Rev. 1*</i>
Atrium / Foyer with headroom over 5m	20	<i>17</i>
Bar / Lounge	15	<i>14</i>
Banquet Room / Function Room / Ball Room	23	<i>20</i>
Canteen	13	<i>11</i>
Car Park	6	<i>5</i>
Classroom / Lecture Theatre / Training Room	15	<i>13</i>
Clinic	15	15
Conference / Seminar Room	16	<i>14</i>
Corridor	10	<i>8</i>
Dormitory / Quarters / Barrack	10	<i>8</i>
Entrance Lobby	15	<i>14</i>
Exhibition Hall / Gallery	20	<i>17</i>
Guest room in Hotel or Guesthouse	15	<i>13</i>
Gymnasium / Exercise Room	15	<i>13</i>
Kitchen	15	<i>13</i>
Laboratory	15	15
Library – Reading Area, Stack Area or Audio Visual Centre	15	15
Lift Car	13	<i>11</i>
Lift Lobby	12	<i>11</i>
Loading & Unloading Area	11	<i>10</i>
Office	15	<i>13</i>
Patient Ward / Day Care	15	15
Plant Room / Machine Room / Switch Room	12	<i>11</i>
Public Circulation Area	15	<i>13</i>

Table 5.4 : Lighting Power Density for Various Types of Space

Type of Space	Maximum Allowable LPD (W/m ²)	
	<i>Initial version</i>	<i>Rev. 1*</i>
Railway Station		
• Concourse / Platform / Entrance / Adit / Staircase, with headroom not exceeding 5 m	15	14
• Concourse / Platform / Entrance / Adit / Staircase, with headroom over 5 m	20	18
Restaurant	20	17
Retail	20	17
Seating Area inside Theatre / Cinema / Auditorium / Concert Hall / Arena	12	10
Sports Arena, Indoor, for recreational purpose	17	17
Staircase	8	7
Storeroom / Cleaner	11	9
Toilet / Washroom / Shower Room	13	11
Workshop	14	14
<u>Multi-functional Space</u>	<u>See below</u>	
<p>LPD of each combination of function-specific luminaires should not exceed the maximum allowable value corresponding to the type of space illuminated by that combination of luminaires, detailed as follows:</p> <p align="center">LPD_{F1} not to exceed LPD_{S1} , LPD_{F2} not to exceed LPD_{S2} ,....., LPD_{Fn} not to exceed LPD_{Sn}</p> <p>where LPD_{F1} , LPD_{F2} ,....., LPD_{Fn} respectively refers to the lighting power density corresponding to function F1, F2,, Fn, and</p> <p>LPD_{S1} , LPD_{S2} ,....., LPD_{Sn} respectively refers to the maximum allowable value of lighting power density corresponding to the classified Space S1, S2,....., Sn based on the respective function F1, F2,, Fn.</p>		

- END -