



	Luminaire A	Luminaire B	Luminaire C
Supplier	Philips		
Type	BGP615 DX70 4600 20LED 5.1 S_CLO_L90_NW	WSB19675	WSB19674
Lamp(s)	LED-HB 5.1S NW	31W LED	48W LED
Lamp Flux (klm)	4.60	0.57	0.62
Maintenance Factor	0.90	0.90	0.90
No. in Project	35	60	14

Grid 3 Horizontal Illuminance (lux)																	
113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130

PROJECT NAME:													
Lissywollen A3 print													
SCALE:	DATE:												
1:500	7 December 2021												
CALCULATION:													
Horizontal Illuminance (lux)													
<small>All grids comply with EN13201-2015 cat P3 Eav 7.50 and a min lux level of 1.50 with a respectable Emin/Eav greater than 0.2 Lighting units A are post top mount on 6 mtr columns Lighting units B & C are post top on 3.5 mtr columns All lighting columns without hoist access shall be hinged. All fittings supplied with CLO option. Maintenance factor of 0.9 has been applied - 2% LED failure and 8% fouling.</small>													
<table border="1"> <thead> <tr> <th colspan="2">Results Grid 3</th> </tr> </thead> <tbody> <tr> <td>Eav</td> <td>7.76</td> </tr> <tr> <td>Emin</td> <td>1.75</td> </tr> <tr> <td>Emax</td> <td>23.59</td> </tr> <tr> <td>Emin/Emax</td> <td>0.07</td> </tr> <tr> <td>Emin/Eav</td> <td>0.23</td> </tr> </tbody> </table>		Results Grid 3		Eav	7.76	Emin	1.75	Emax	23.59	Emin/Emax	0.07	Emin/Eav	0.23
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<small>Public Lighting design for above mentioned project : Light fittings to dim 25% (75% output) between midnight and 6 am (profile 2A) Fittings must be ordered with Nema socket for 35/18 lux switching photo cell and to have CLO function applied (Constant light output) Calculations comply to EN13201-2015</small>													