



	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

PROJECT NAME: <b>Lissywollen A3 print</b>	
SCALE: <b>1:500</b>	DATE: <b>7 December 2021</b>
CALCULATION: <b>Horizontal Illuminance (lux)</b>	
<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 &amp; 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>	
<b>Public Lighting design for above mentioned project :</b> 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	

Results Grid 5	
Eav	8.31
Emin	1.65
Emax	22.96
Emin/Emax	0.07
Emin/Eav	0.20