



Luminaire A Data		Luminaire B Data	
Type	Veilite Metro Streetlight 18W LED Street Cycle R03	Type	Veilite Metro Streetlight 18W LED Forward Throw A Cycle
Lamp Flux (lm)	2.25	Lamp Flux (lm)	2.24
File Name	SMTA02LGA.R03.ms	File Name	SMTA02LGA.FTA.ms
Maintenance Factor	0.80	Maintenance Factor	0.80
Area (sq.m)	537.8 x 5.5 x 0.3	Area (sq.m)	421.3 x 4.0 x 0.5
No. in project	33	No. in project	13

Calculation Summary						
Description	Eav	Emax	Emin	Est/Eav	Est/Emax	Emax/Eav
Road & Paths	5.02	18.33	1.08	0.20	0.06	3.32

- Notes
- Do NOT scale from the drawing
  - The actual results achieved may vary from predicted values due to normal deviation in luminaire installation, electrical supply, equipment tolerances, observations including cables, brackets and mounting arms, reflectances etc.
  - This design is based on a preliminary assessment only and will be developed during the detailed design stage.

Symbol	Description
●	Luminaire A Column
○	Luminaire B Column
○	Stream Along Target
○	Photometric Centre

ID	Type	X	Y	Height	Angle	Tilt	Cut	Out
1	A	309.80	199.42	6.00	236.00	0.00	0.00	0.00
2	A	349.01	223.76	6.00	211.00	0.00	0.00	0.00
3	B	318.92	249.23	6.00	303.00	0.00	0.00	0.00
4	A	347.33	258.13	6.00	118.00	0.00	0.00	0.00
5	B	300.96	239.54	6.00	297.00	0.00	0.00	0.00
6	A	274.46	225.03	6.00	340.00	0.00	0.00	0.00
7	A	291.96	209.46	6.00	115.00	0.00	0.00	0.00
8	A	308.51	212.30	6.00	41.00	0.00	0.00	0.00
9	A	327.71	222.19	6.00	269.00	0.00	0.00	0.00
10	A	220.82	195.60	6.00	306.00	0.00	0.00	0.00
11	A	203.66	171.21	6.00	152.00	0.00	0.00	0.00
12	A	182.21	147.57	6.00	207.00	0.00	0.00	0.00
13	A	160.53	123.20	6.00	37.00	0.00	0.00	0.00
14	A	176.39	145.99	6.00	319.00	0.00	0.00	0.00
15	A	154.97	121.48	6.00	324.00	0.00	0.00	0.00
16	A	134.87	179.82	6.00	276.00	0.00	0.00	0.00
17	A	136.85	95.20	6.00	322.00	0.00	0.00	0.00
18	A	117.20	100.30	6.00	227.00	0.00	0.00	0.00
19	B	97.21	112.85	6.00	219.00	0.00	0.00	0.00
20	B	89.90	94.77	6.00	142.00	0.00	0.00	0.00
21	B	79.51	76.60	6.00	147.00	0.00	0.00	0.00
22	A	54.09	36.40	6.00	169.00	0.00	0.00	0.00
23	A	85.77	133.74	6.00	174.00	0.00	0.00	0.00
24	A	95.01	166.16	6.00	179.00	0.00	0.00	0.00
25	A	154.08	153.37	6.00	344.00	0.00	0.00	0.00
26	A	169.15	167.67	6.00	209.00	0.00	0.00	0.00
27	A	114.82	131.25	6.00	135.00	0.00	0.00	0.00
28	A	107.45	171.46	6.00	240.00	0.00	0.00	0.00
29	B	85.40	199.73	6.00	356.00	0.00	0.00	0.00
30	B	102.89	196.02	6.00	100.00	0.00	0.00	0.00
31	B	129.31	202.66	6.00	125.00	0.00	0.00	0.00
32	B	88.28	214.73	6.00	287.00	0.00	0.00	0.00
33	B	126.03	220.91	6.00	287.00	0.00	0.00	0.00
34	B	153.19	227.43	6.00	287.00	0.00	0.00	0.00
35	A	167.59	208.07	6.00	106.00	0.00	0.00	0.00
36	A	175.45	222.33	6.00	208.00	0.00	0.00	0.00
37	B	167.51	202.37	6.00	37.00	0.00	0.00	0.00
38	A	328.71	235.34	6.00	25.00	0.00	0.00	0.00
39	A	139.97	72.57	6.00	238.00	0.00	0.00	0.00
40	A	159.64	59.38	6.00	143.00	0.00	0.00	0.00
41	A	183.86	128.00	6.00	241.00	0.00	0.00	0.00
42	A	192.88	153.93	6.00	164.00	0.00	0.00	0.00
43	A	81.61	72.61	6.00	26.00	0.00	0.00	0.00
44	A	105.77	156.23	6.00	114.00	0.00	0.00	0.00
45	A	68.57	57.23	6.00	162.00	0.00	0.00	0.00
46	B	85.15	199.68	6.00	180.00	0.00	0.00	0.00



Rev	Description	Date	By
01	Issue for Planning	24.04.20	RF
02	Issue for Planning	28.03.20	RF
03	Issue for Planning	28.03.20	RF
04	Issue for Planning	28.03.20	RF
05	Issue for Planning	28.03.20	RF
06	Issue for Planning	28.03.20	RF
07	Issue for Planning	28.03.20	RF
08	Issue for Planning	28.03.20	RF
09	Issue for Planning	28.03.20	RF
10	Issue for Planning	28.03.20	RF
11	Issue for Planning	28.03.20	RF
12	Issue for Planning	28.03.20	RF
13	Issue for Planning	28.03.20	RF
14	Issue for Planning	28.03.20	RF
15	Issue for Planning	28.03.20	RF
16	Issue for Planning	28.03.20	RF
17	Issue for Planning	28.03.20	RF
18	Issue for Planning	28.03.20	RF
19	Issue for Planning	28.03.20	RF
20	Issue for Planning	28.03.20	RF
21	Issue for Planning	28.03.20	RF
22	Issue for Planning	28.03.20	RF
23	Issue for Planning	28.03.20	RF
24	Issue for Planning	28.03.20	RF
25	Issue for Planning	28.03.20	RF
26	Issue for Planning	28.03.20	RF
27	Issue for Planning	28.03.20	RF
28	Issue for Planning	28.03.20	RF
29	Issue for Planning	28.03.20	RF
30	Issue for Planning	28.03.20	RF
31	Issue for Planning	28.03.20	RF
32	Issue for Planning	28.03.20	RF
33	Issue for Planning	28.03.20	RF
34	Issue for Planning	28.03.20	RF
35	Issue for Planning	28.03.20	RF
36	Issue for Planning	28.03.20	RF
37	Issue for Planning	28.03.20	RF
38	Issue for Planning	28.03.20	RF
39	Issue for Planning	28.03.20	RF
40	Issue for Planning	28.03.20	RF
41	Issue for Planning	28.03.20	RF
42	Issue for Planning	28.03.20	RF
43	Issue for Planning	28.03.20	RF
44	Issue for Planning	28.03.20	RF
45	Issue for Planning	28.03.20	RF
46	Issue for Planning	28.03.20	RF

**CSE**  
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ENGINEERING

100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000.