

**IES ROAD REPORT**  
**PHOTOMETRIC FILENAME : 40005180LP.IES**

**DESCRIPTIVE INFORMATION (From Photometric File)**

[TESTLAB] ERL  
[ISSUE DATE] 7/3/2008  
[TEST DATE] 3/29/1977  
[MANUFAC] ABS LIGHTING  
[LUMCAT] 4000-5-180LPS  
[LUMINAIRE] 4000 SERIES TYPE V ROADWAY OPTICS  
[MORE] DIE-FORMED AND SEAM WELDED HOUSING, CURVED  
[MORE] SPECULAR REFLECTOR, 1/8" CLEAR LEXAN LENS  
[OTHER] ORIG. FILENAME 4-180LPS  
[LAMP CAT] SOX180/T-21  
[LAMP] 180LPS CLEAR  
[BALLAST] 180W LPS  
[LAMP POSITION] HORIZONTAL

Note: Candela values converted from Type-B to Type-C

**CHARACTERISTICS**

IES Classification	Type I
Longitudinal Classification	Very Short
Cutoff Classification (deprecated)	Full Cutoff
Total Rated Lamp Lumens	30000
Maximum Candela	16714
Maximum Candela Angle	0H 0V
Maximum Candela At 90 Degrees Vertical	0 (0.0% Lamp Lms)
Maximum Candela from 80 to <90 Degrees Vertical	184 (0.6% Lamp Lms)
Downward Total Efficiency	60.9%
Total Luminaire Watts	200
Ballast Factor	1.00

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**LUMINAIRE CLASSIFICATION SYSTEM (LCS)**

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	5237.0	17.5	28.7
FM - Front-Medium (30-60)	5777.1	19.3	31.6
FH - Front-High (60-80)	982.2	3.3	5.4
FVH - Front-Very High (80-90)	32.3	0.1	0.2
BL - Back-Low (0-30)	2932.5	9.8	16.0
BM - Back-Medium (30-60)	2844.5	9.5	15.6
BH - Back-High (60-80)	462.4	1.5	2.5
BVH - Back-Very High (80-90)	9.4	0.0	0.1
UL - Uplight-Low (90-100)	0.0	0.0	0.0
UH - Uplight-High (100-180)	0.0	0.0	0.0
Total	18277.4	61.0	100.0