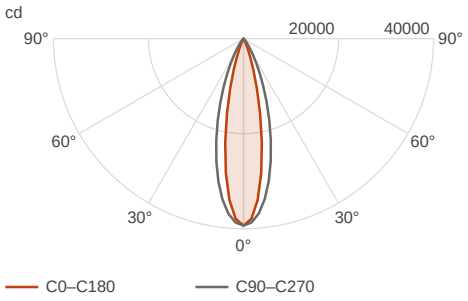


Photometric Filename: example-floodlight.ies

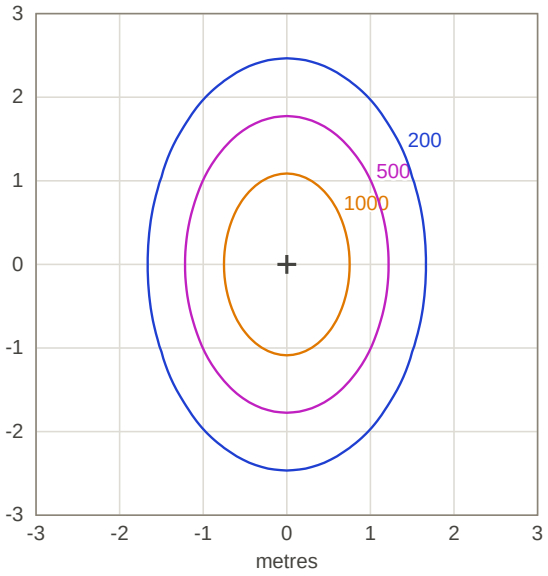
TEST:	EL-2026-0602
TEST LAB:	Example Photometric Laboratory
DATE:	2026-10-04
LUMINAIRE:	Floodlight, 60 x 40 degree beam, 4000 K
LAMP:	LED module 95 W 4000 K

Characteristics

NEMA Type	4 H x 3 V
Maximum Candela	39341
Maximum Candela Angle	0 H 0 V
Horizontal Beam Angle (50%)	33.0
Vertical Beam Angle (50%)	22.1
Horizontal Field Angle (10%)	60.5
Vertical Field Angle (10%)	40.4
Lumens Per Lamp	12000
Total Lamp Lumens	12000
Beam Lumens	4928
Beam Efficiency	41.1%
Field Lumens	8880
Field Efficiency	74.0%
Spill Lumens	1320
Luminaire Lumens	10200
Total Efficiency	85.0%
Total Luminaire Watts	95

Zonal Lumen Summary

Zone	Lumens	%Lum
0-10	3086.66	30.3
10-20	4418.49	43.3
20-30	1883.67	18.5
30-40	467.80	4.6
40-50	135.71	1.3
50-60	84.38	0.8
60-70	65.70	0.6
70-80	42.75	0.4
80-90	14.86	0.1
90-100	0.00	0.0
100-110	0.00	0.0
110-120	0.00	0.0
120-130	0.00	0.0
130-140	0.00	0.0
140-150	0.00	0.0
150-160	0.00	0.0
160-170	0.00	0.0
170-180	0.00	0.0



Fixture setback 5 m · lux · Direct light only C0 →

