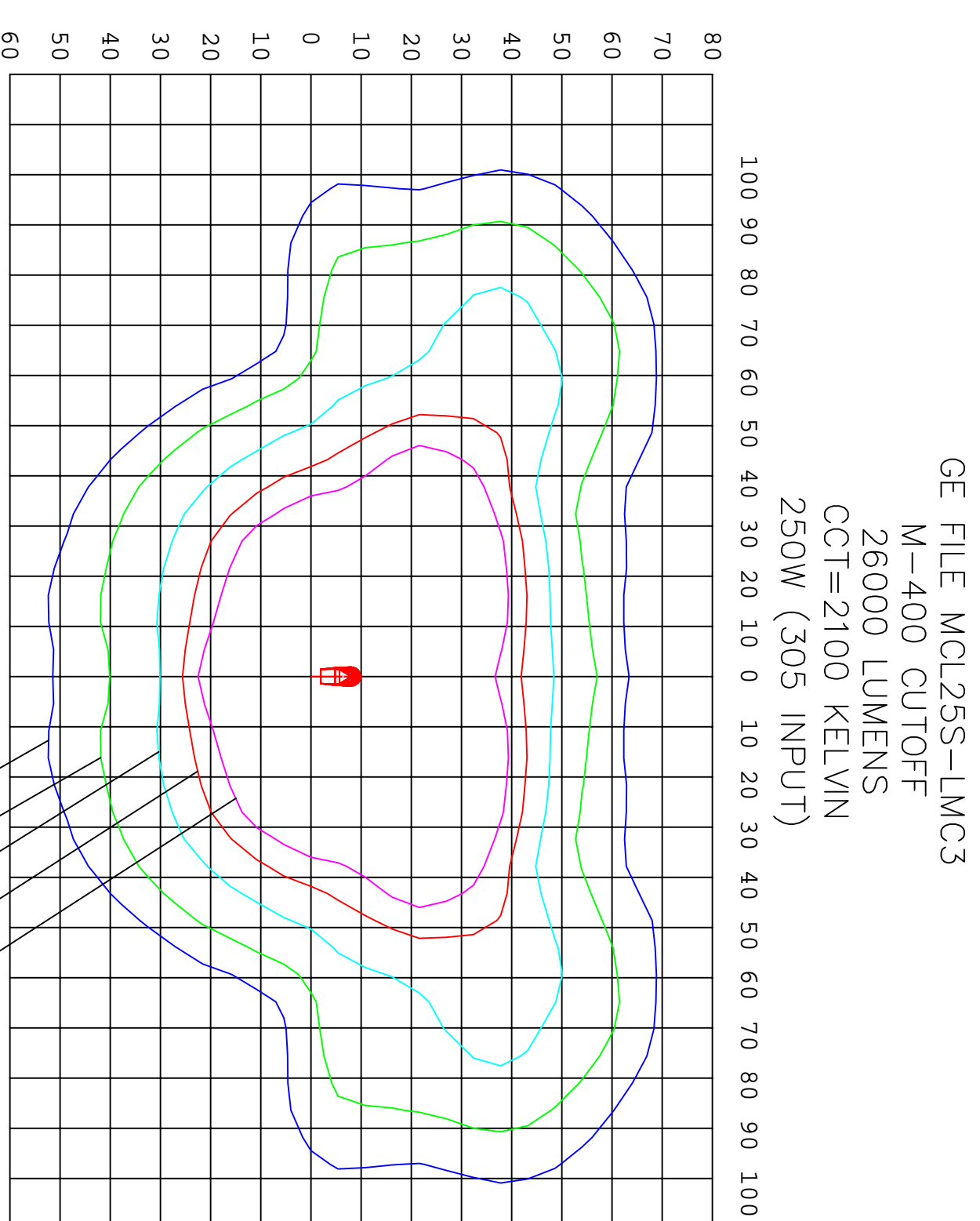
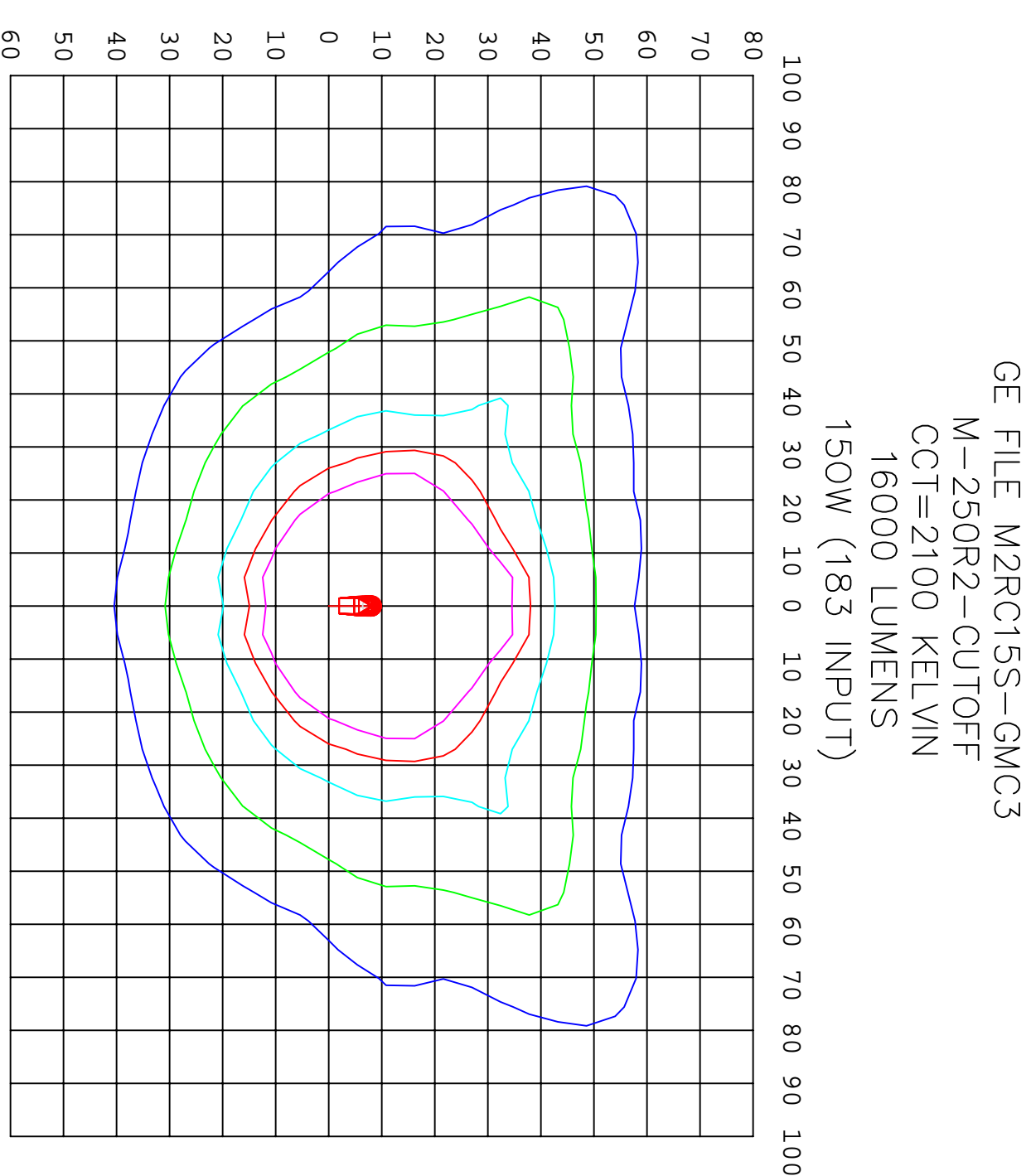
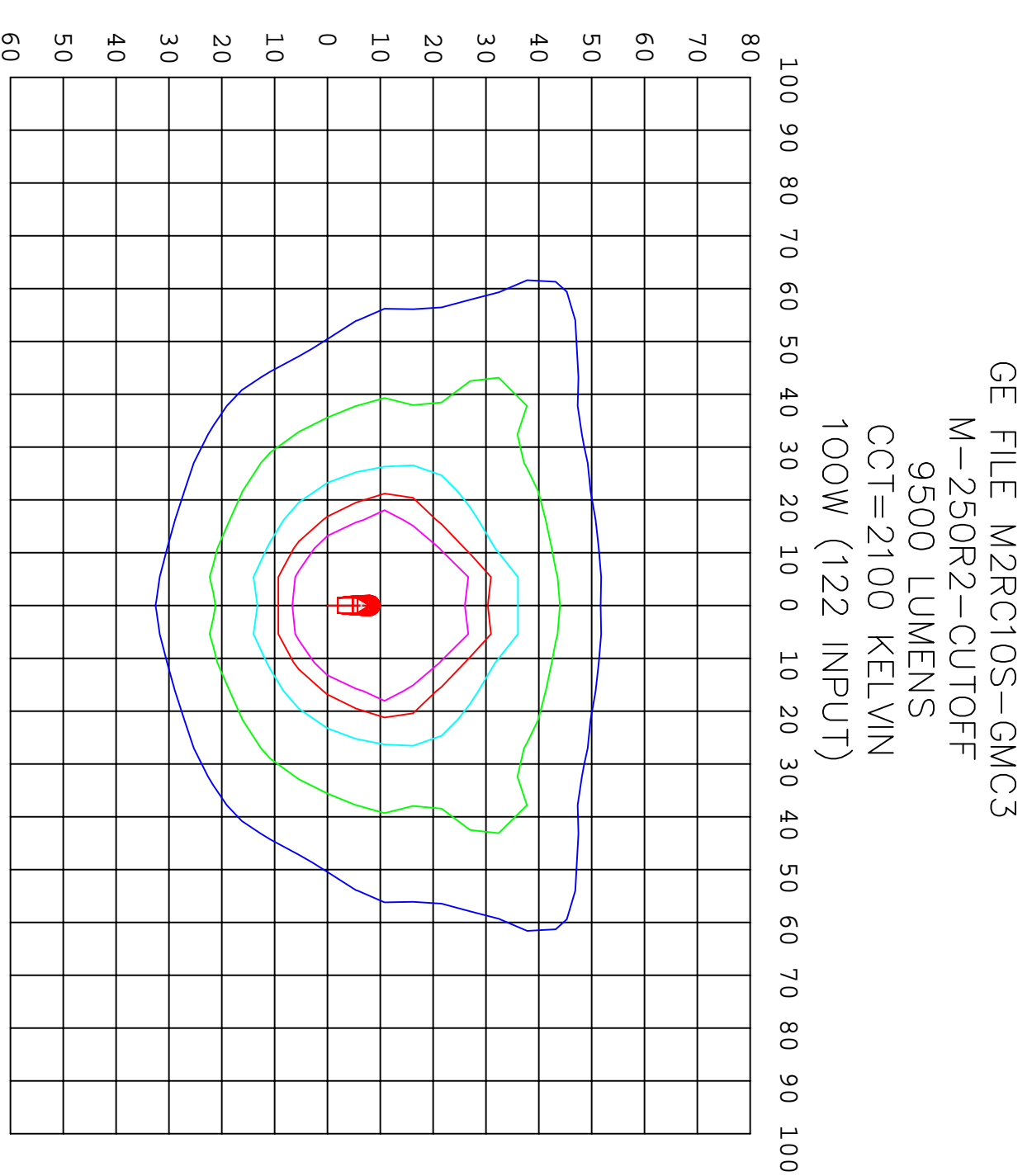
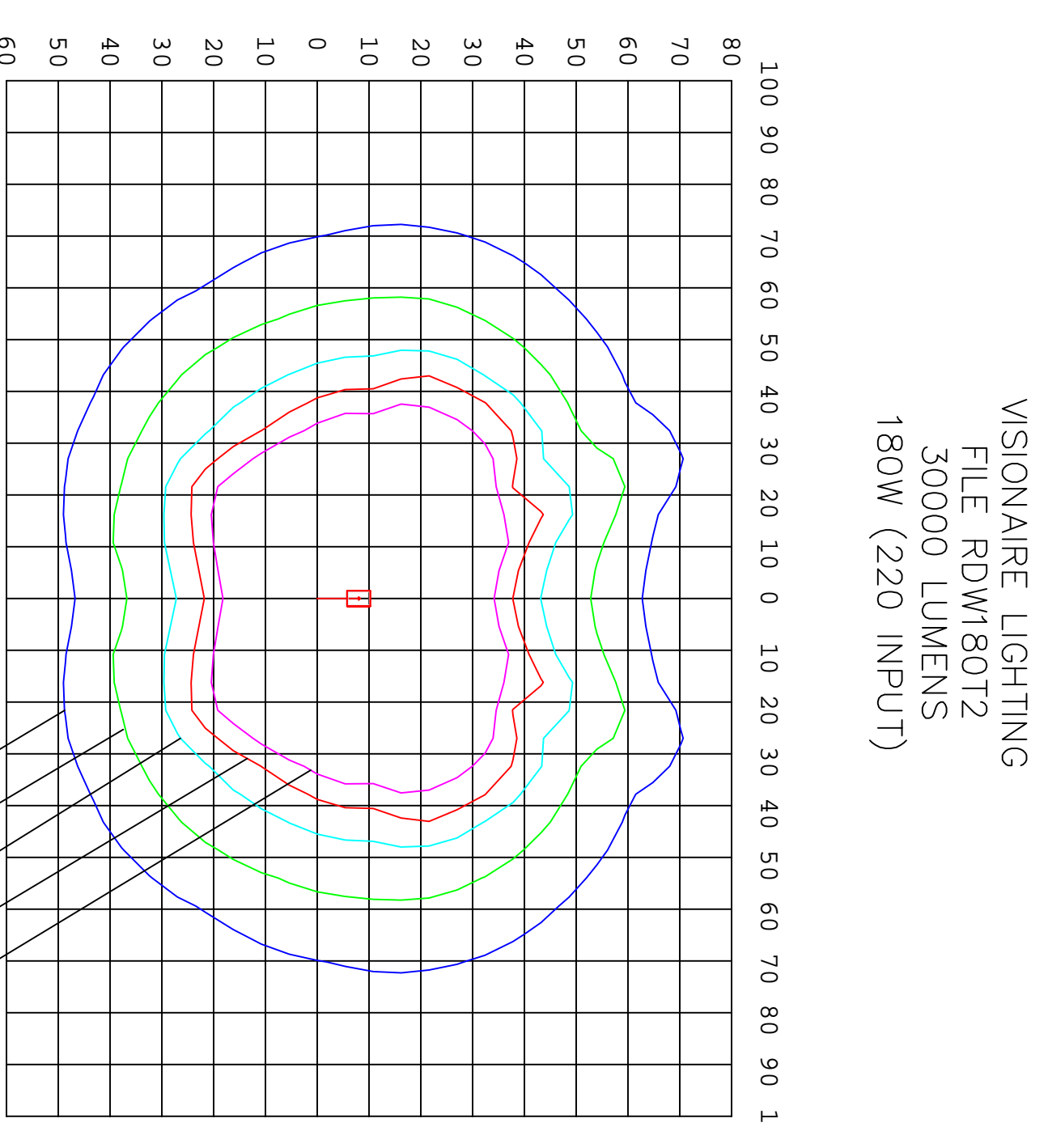
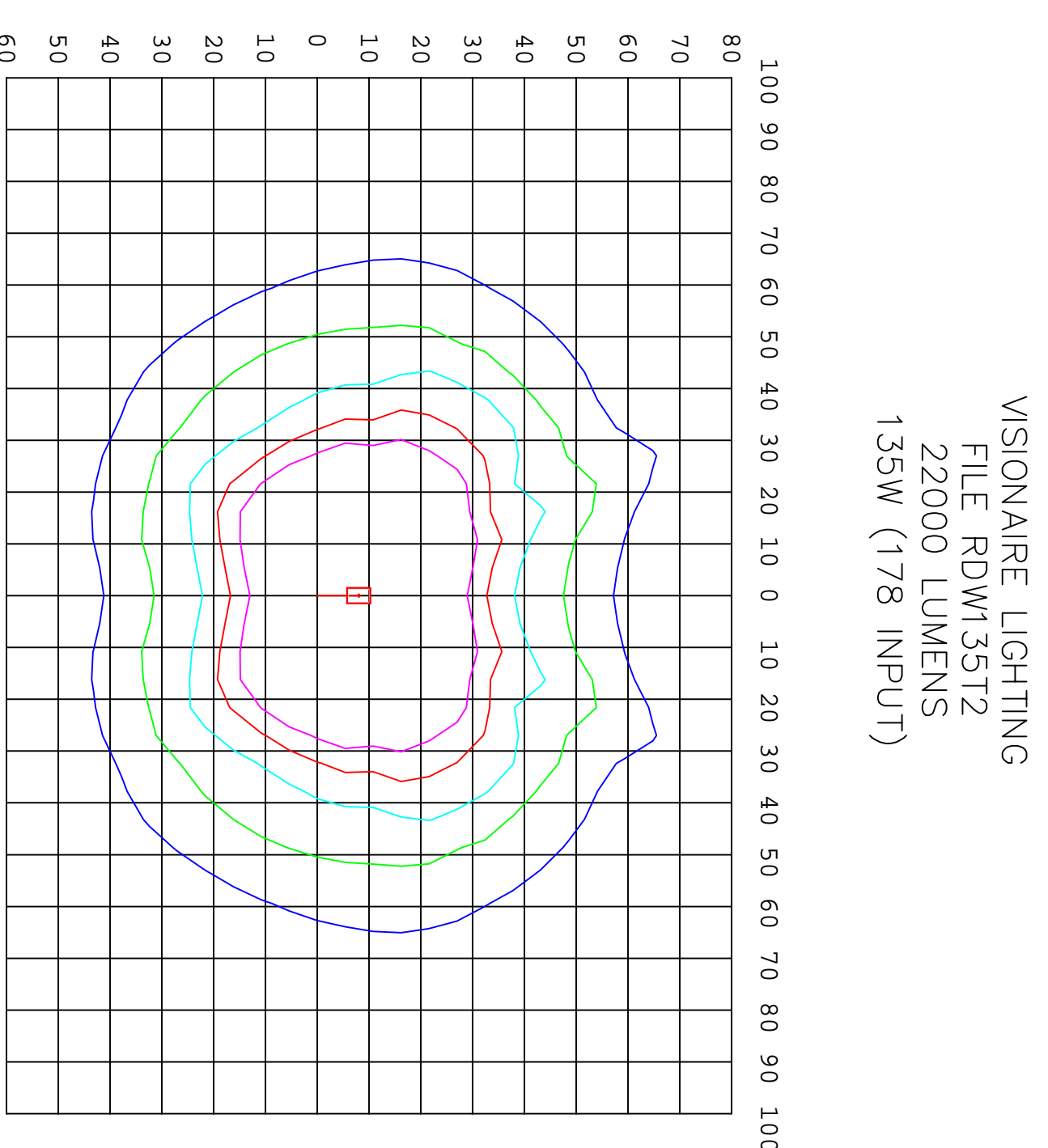
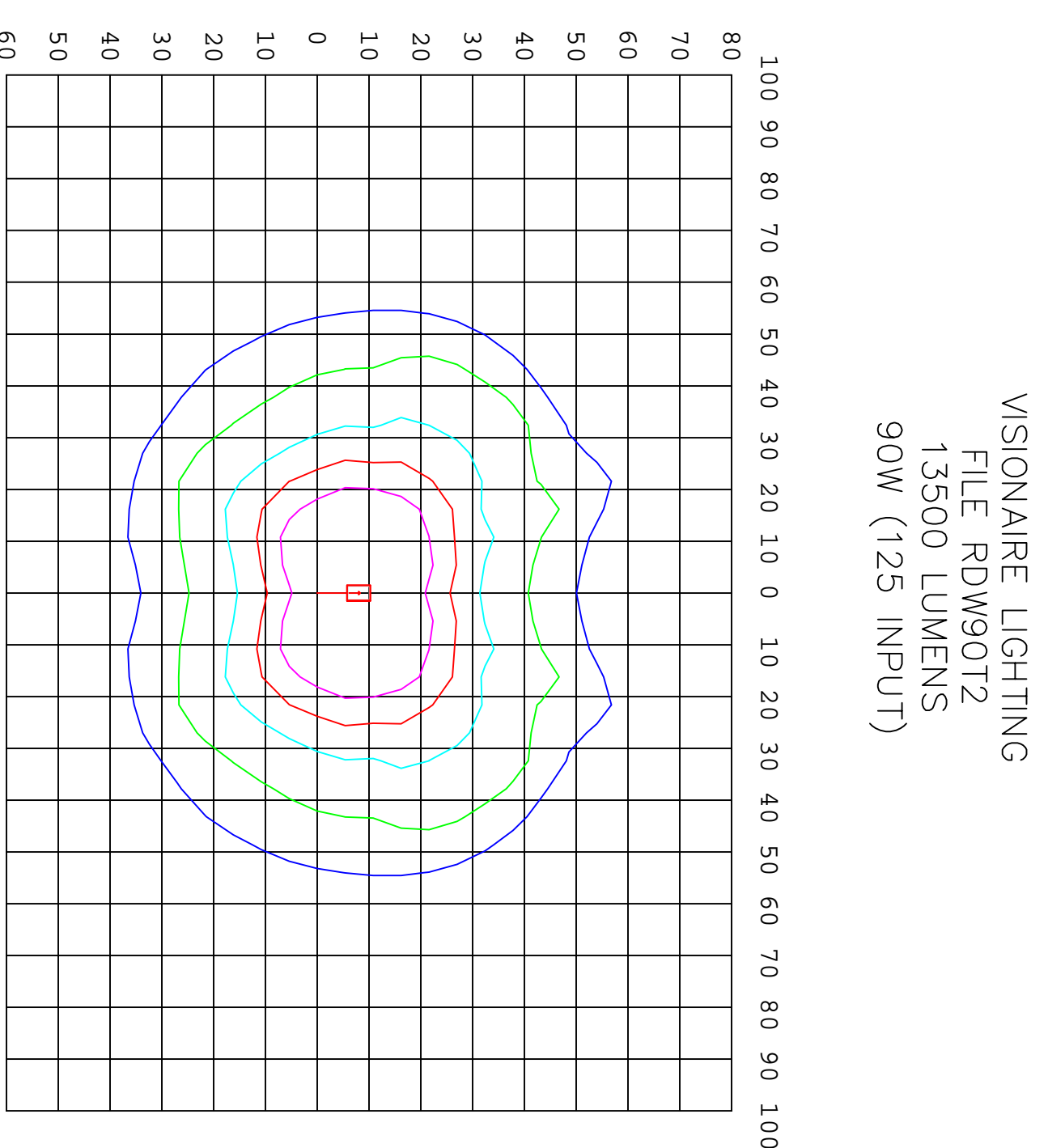
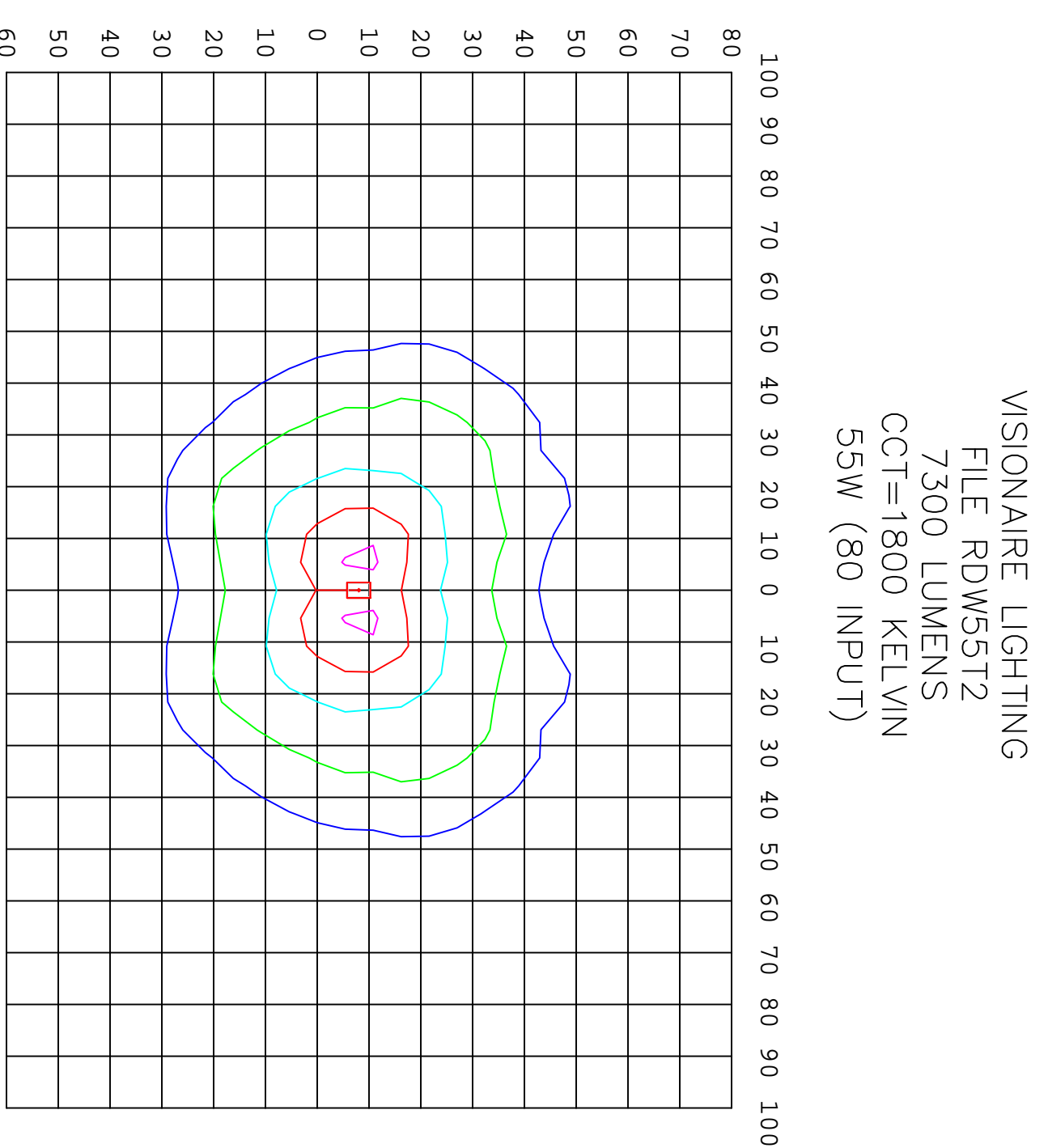


INCUMBENT HPS LIGHTS—GE LIGHTING TYPE M250R—27'



1.0 FC
.75 FC
.5 FC
.25 FC
.125 FC
(TYP.)

INCUMBENT LPS LIGHTS—VISIONAIRE LIGHTING TYPE RDW—27'



1.0 FC
.75 FC
.5 FC
.25 FC
.125 FC
(TYP.)

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Project:
GE HPS & VISIONAIRE LPS
ISOLUX CURVES

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THE INTENT OF THESE DRAWINGS IS TO SHOW A COMPARISON OF THE ISOLUX FOOTPRINTS OF EACH MANUFACTURER'S FIXTURES AS COMPARED TO THE INCUMBENT TECHNOLOGY—LPS AND HPS.

THESE STUDIES REPRESENT THE LATEST PUBLISHED IES FILES AVAILABLE AT THE TIME OF THIS ASSESSMENT.

Revisions:

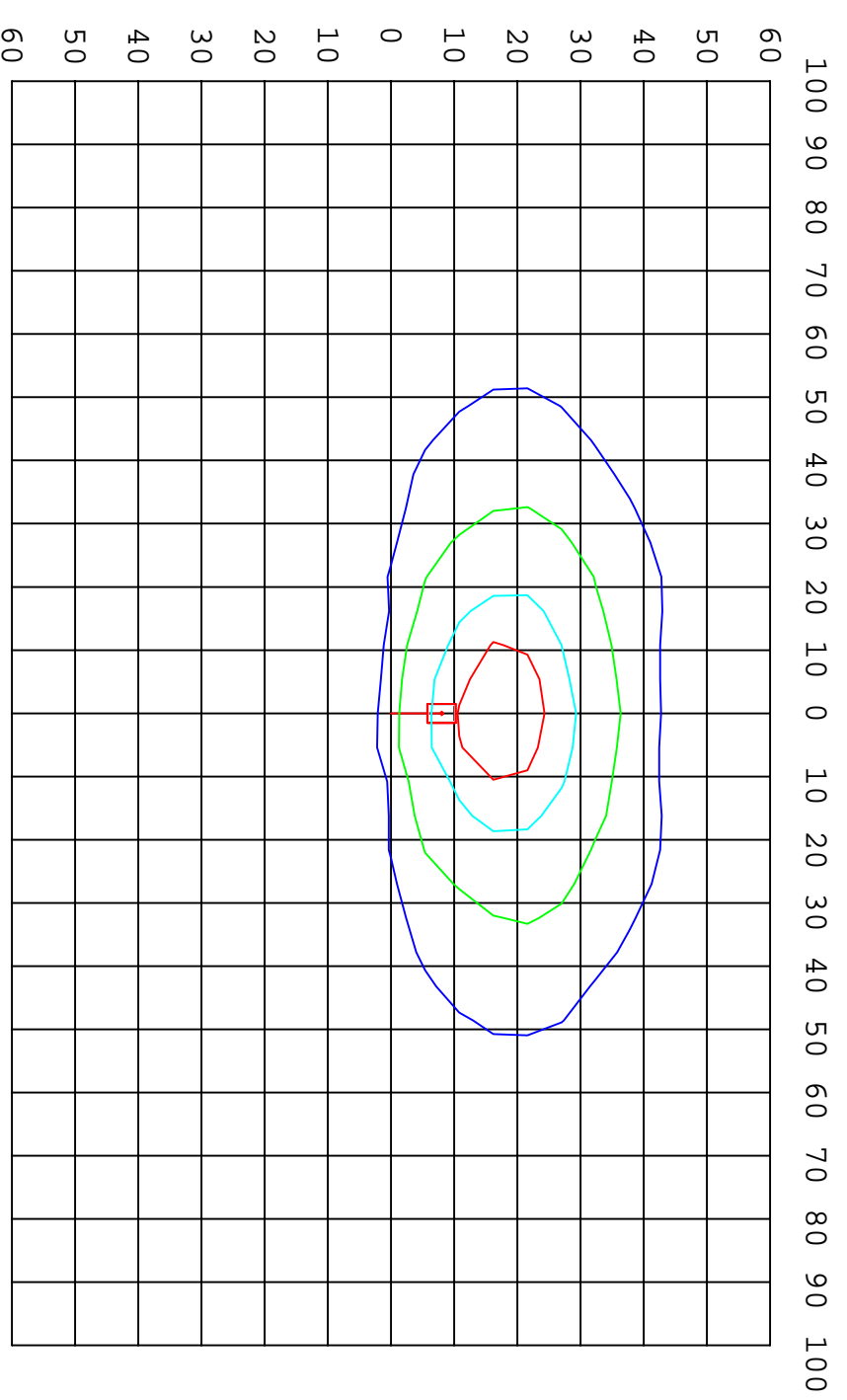
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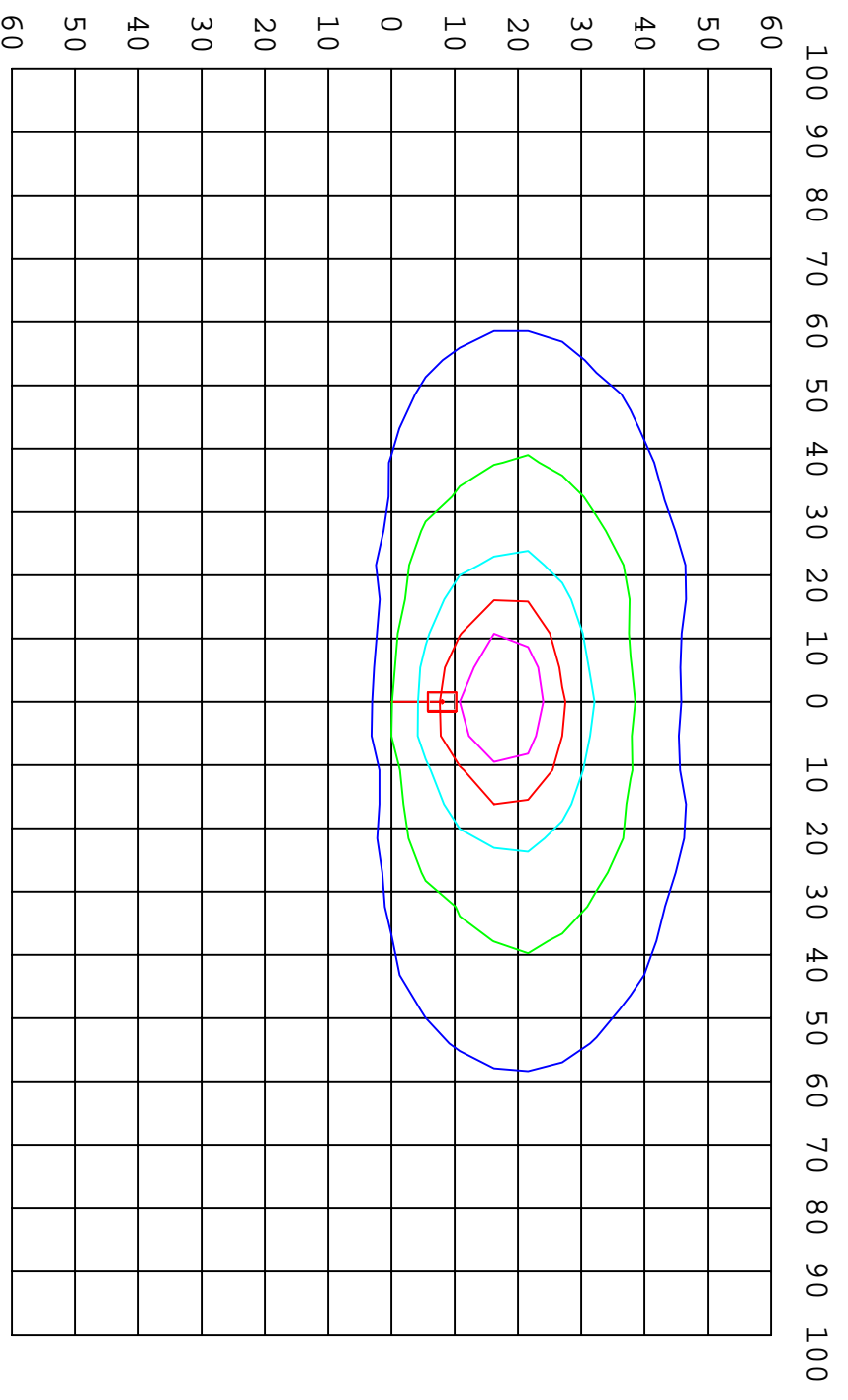
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LED-GE EVOLVE COBRAHEAD TYPE ERMIC-27'

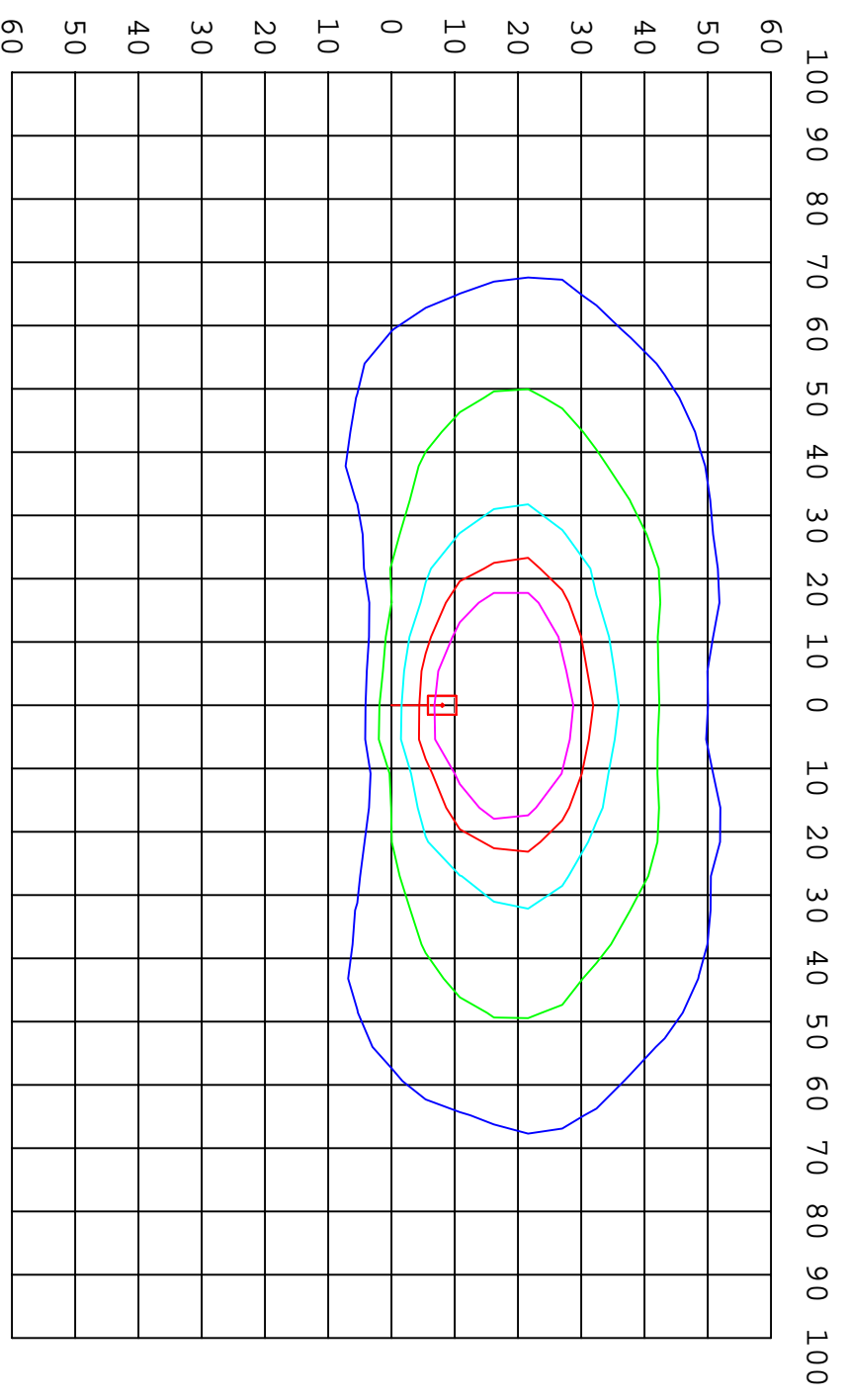
GE LED
FILE ASSYM_MED_27-525MA
3100 LUMENS
CCT=6000 KELVIN
54W, LER=58 Lm/W



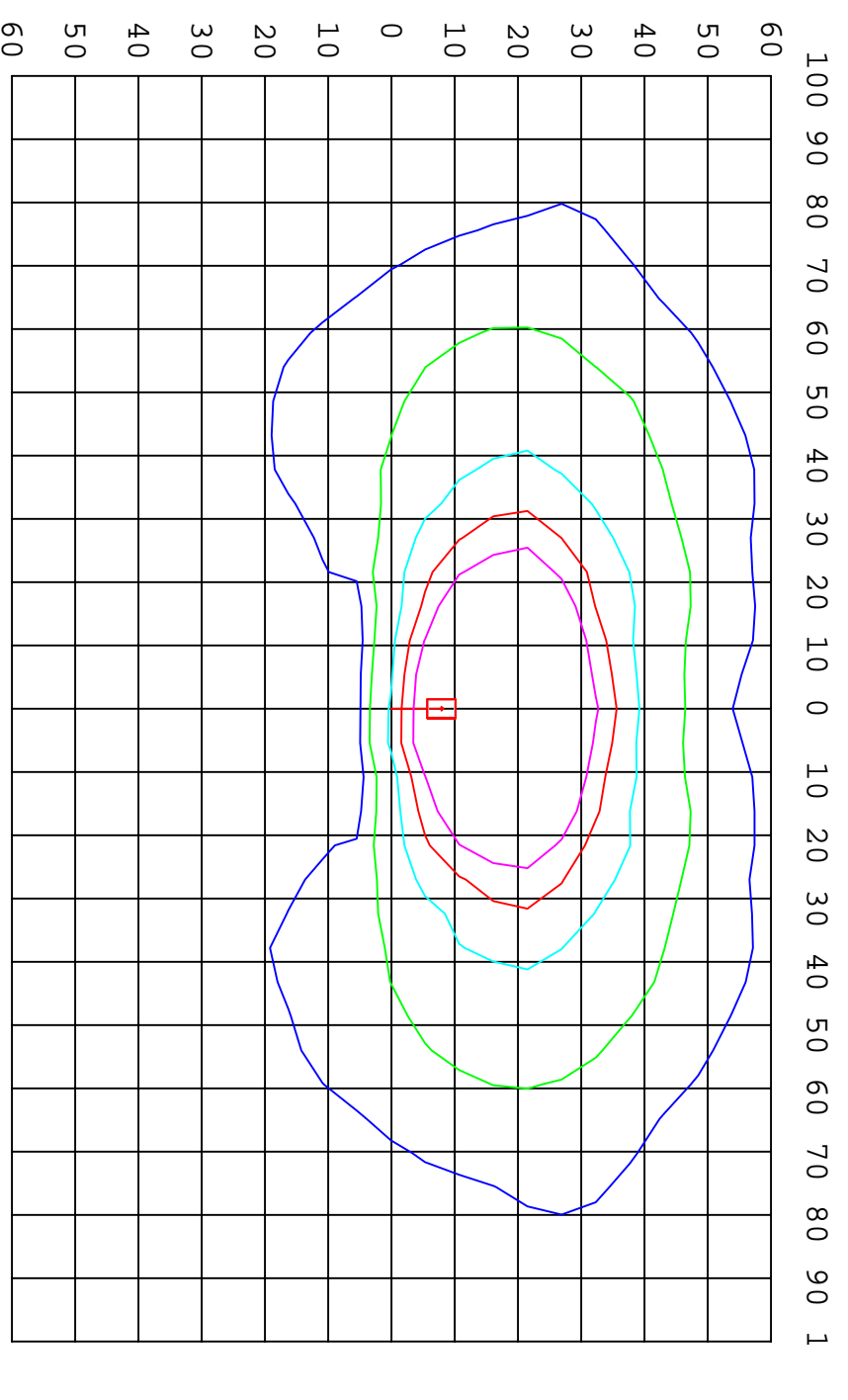
GE LED
FILE ASSYM_MED_36-525MA
4100 LUMENS
CCT=6000 KELVIN
67W, LER=61 Lm/W



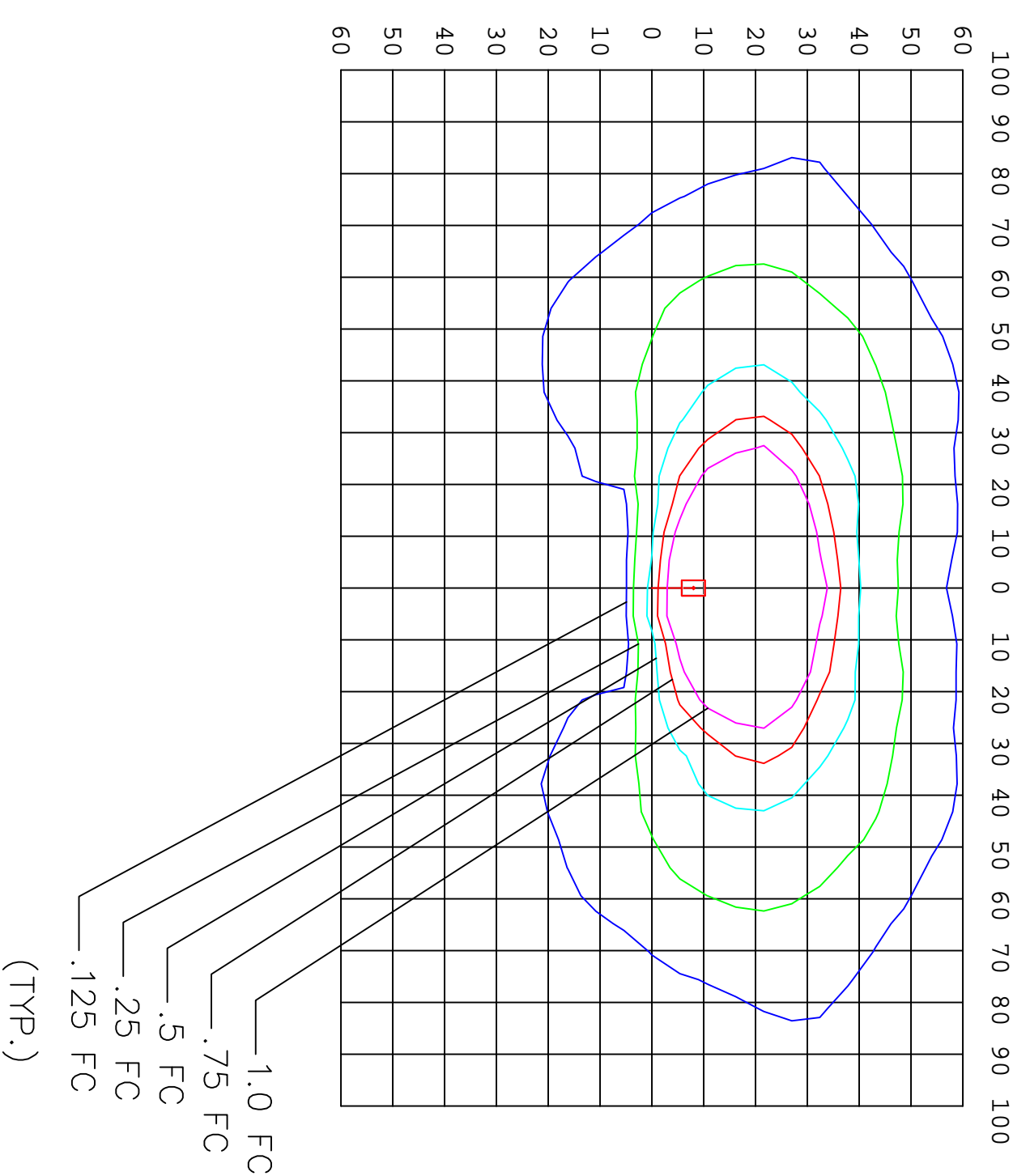
GE LED
FILE ASSYM_MED_54-525MA
6000 LUMENS
CCT=6000 KELVIN
95W, LER=63 Lm/W



GE LED
FILE ASSYM_MED_81-525MA
8700 LUMENS
CCT=6000 KELVIN
142W, LER=61 Lm/W



GE LED
FILE ASSYM_MED_90-525MA
9600 LUMENS
CCT=6000 KELVIN
157W, LER=61 Lm/W



1.0 FC
.75 FC
.5 FC
.25 FC
.125 FC
(TYP.)

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Project:
GE LED COBRAHEAD
ISOLUX CURVES

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Revisions:

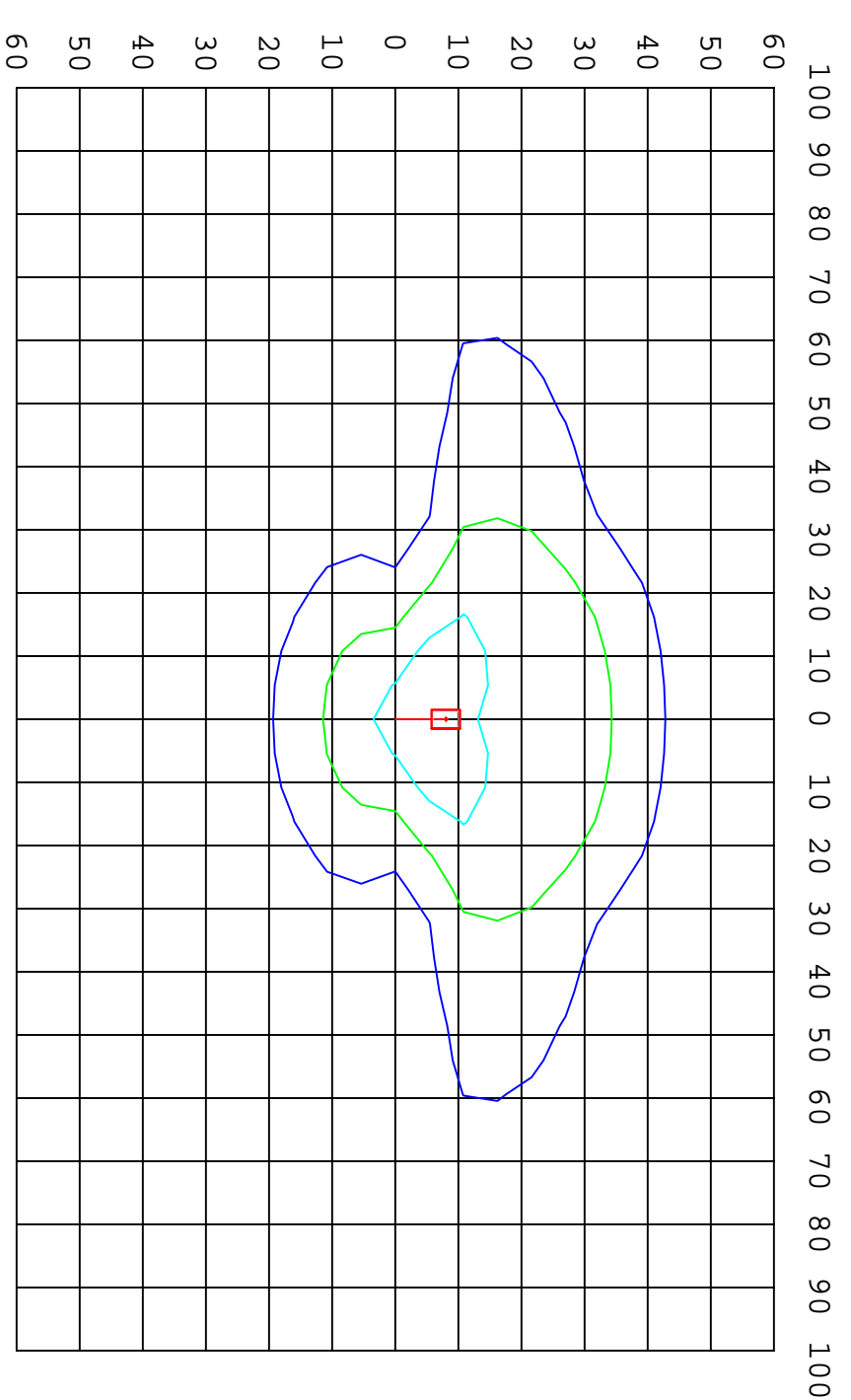
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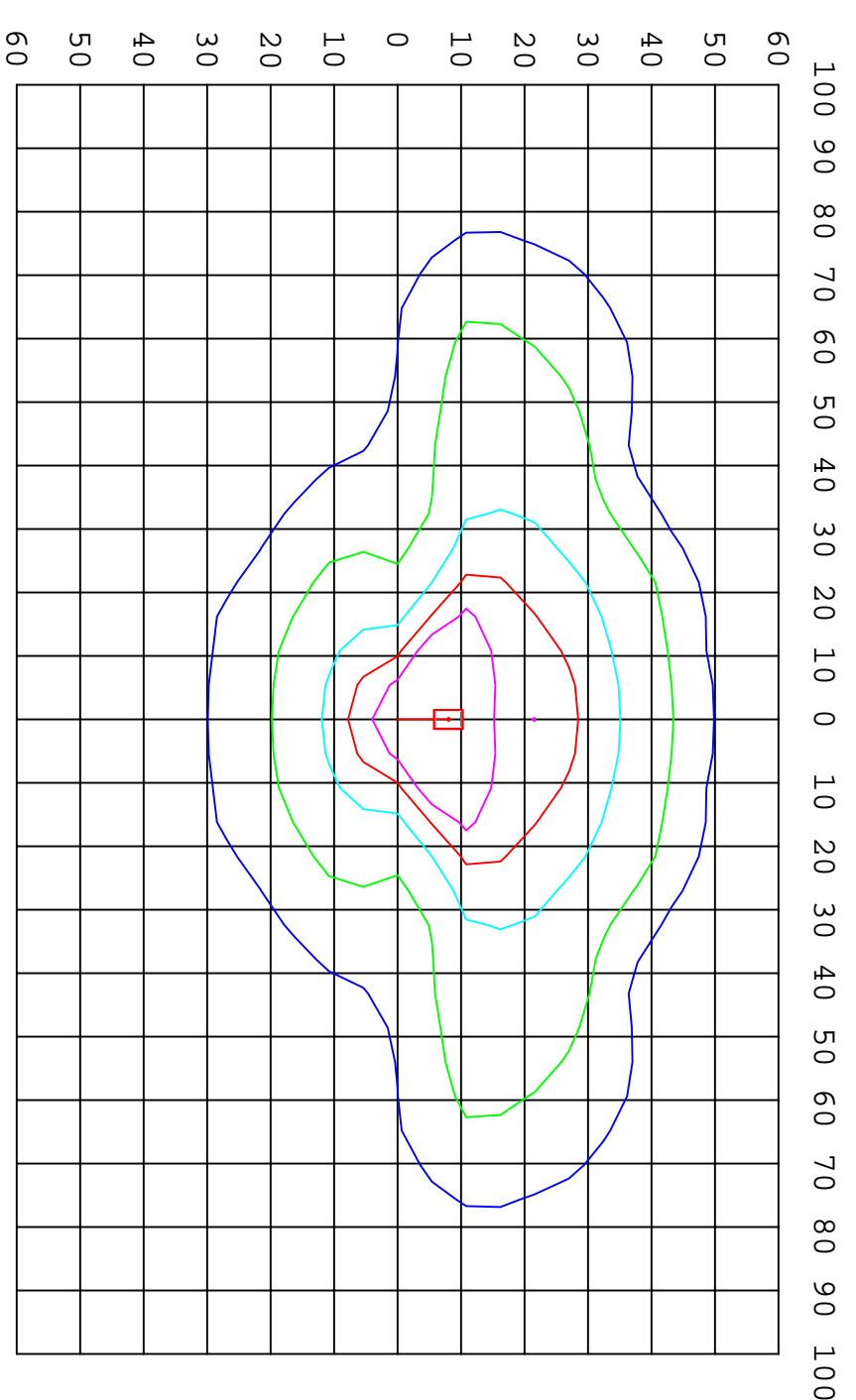
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LED-BETA LEDWAY TYPE BLD-27'

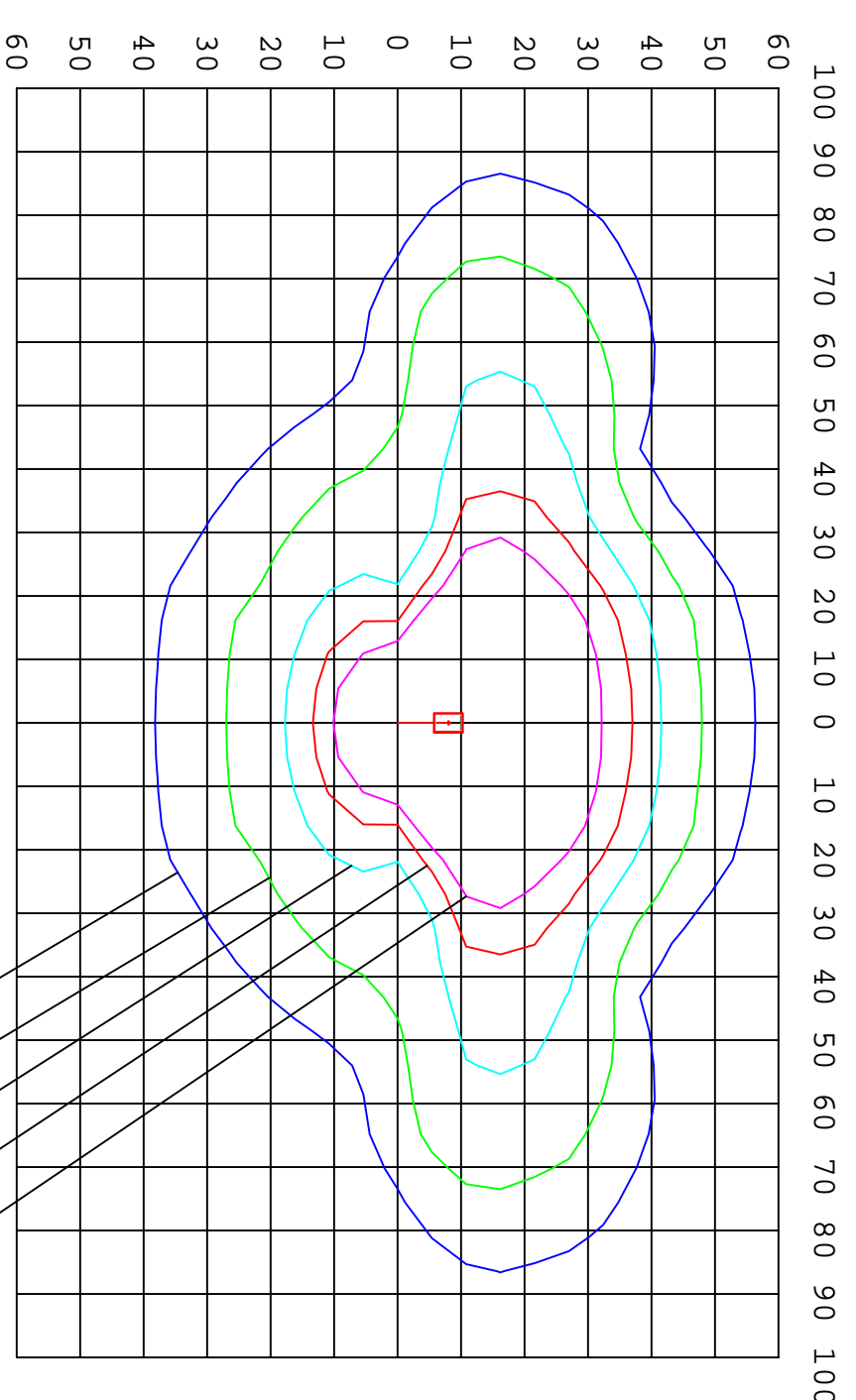
BETA LIGHTING
FILE T2-SL-30LED-350MA
2304 LUMENS
CCT=6000 KELVIN
39.9W, LER=58 Lm/W



BETA LIGHTING
FILE T2-SL-60LED-350MA
4917 LUMENS
CCT=6000 KELVIN
76.6W, LER=64 Lm/W



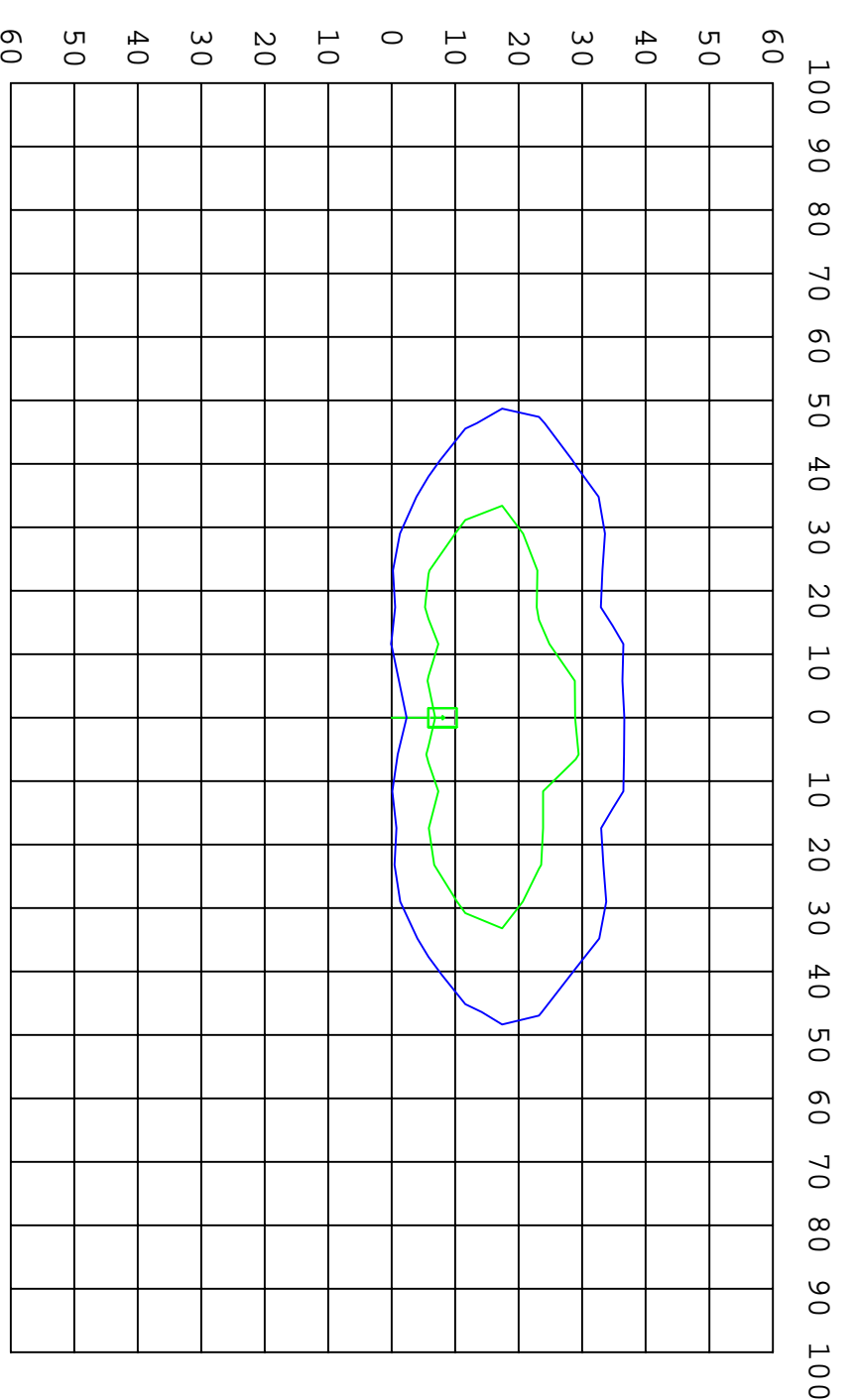
BETA LIGHTING
FILE T2-SL-80LED-525MA
8182 LUMENS
CCT=6000 KELVIN
134.9W, LER=61 Lm/W



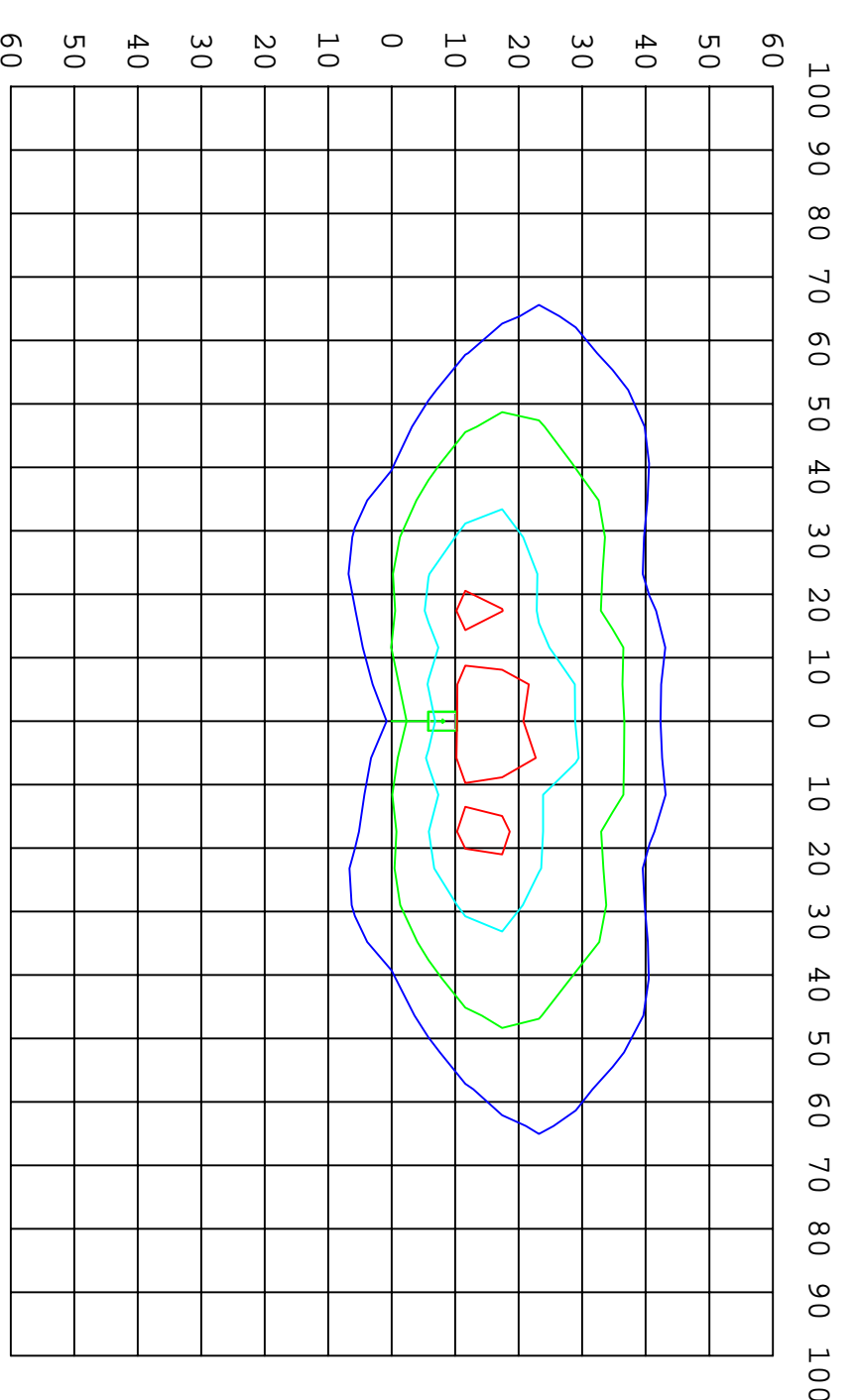
1.0 FC
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.5 FC
.25 FC
(TYP.)

LED-LED ROADWAY LIGHTING TYPE SATELLITE-27'

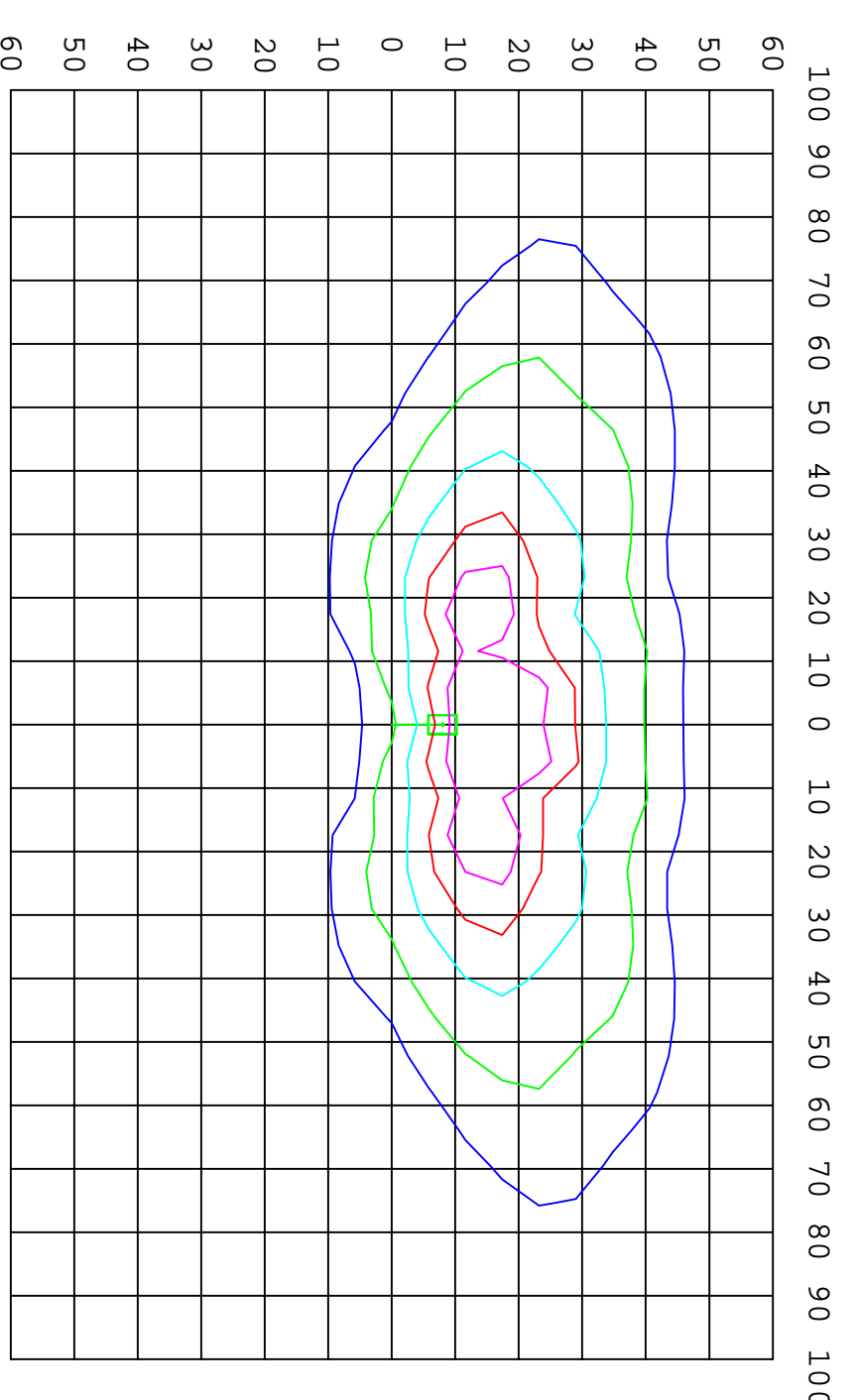
LED ROADWAY LIGHTING
FILE 22WS6200-280MA
1540 LUMENS
CCT=5000 KELVIN
22W, LER=60 Lm/W



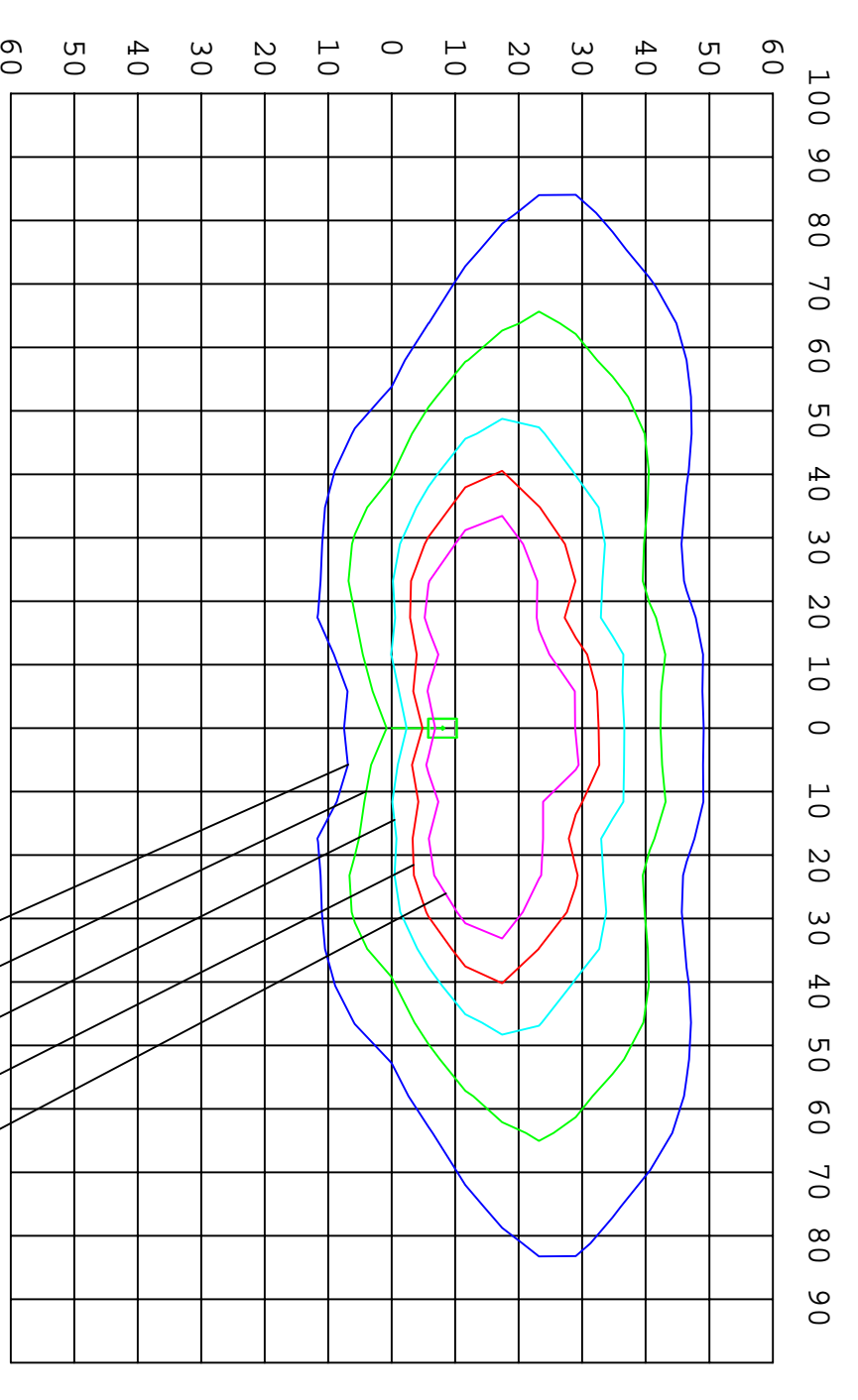
LED ROADWAY LIGHTING
FILE 44WS6200-280MA
3204 LUMENS
CCT=5000 KELVIN
43.2W, LER=74.2 Lm/W



LED ROADWAY LIGHTING
FILE 66WS620-280MA
4739 LUMENS
CCT=5000 KELVIN
63.6W, LER=74.5 Lm/W



LED ROADWAY LIGHTING
FILE 88WS6200-280MA
6720 LUMENS
CCT=5000 KELVIN
86.4W, LER=77.7 Lm/W



1.0 FC
.75 FC
.5 FC
.25 FC
(TYP.)

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Project:
BETA & LED ROADWAY LIGHTING
ISOLUX PATTERNS

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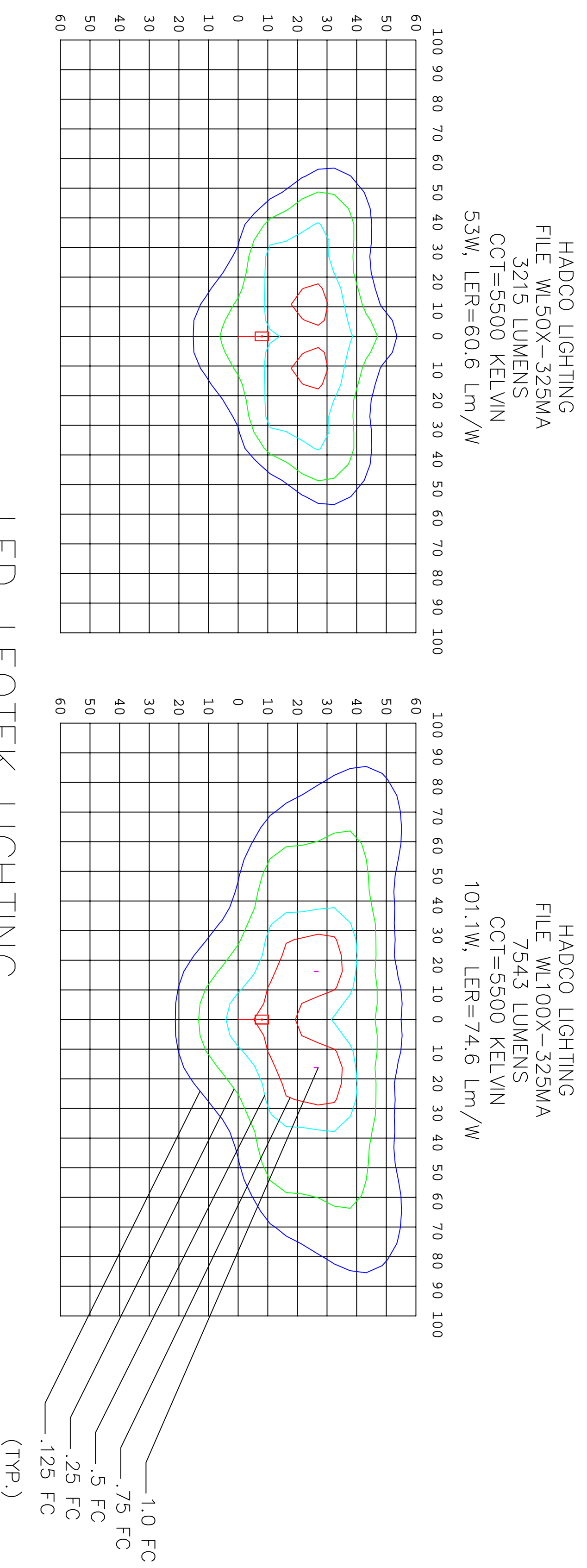
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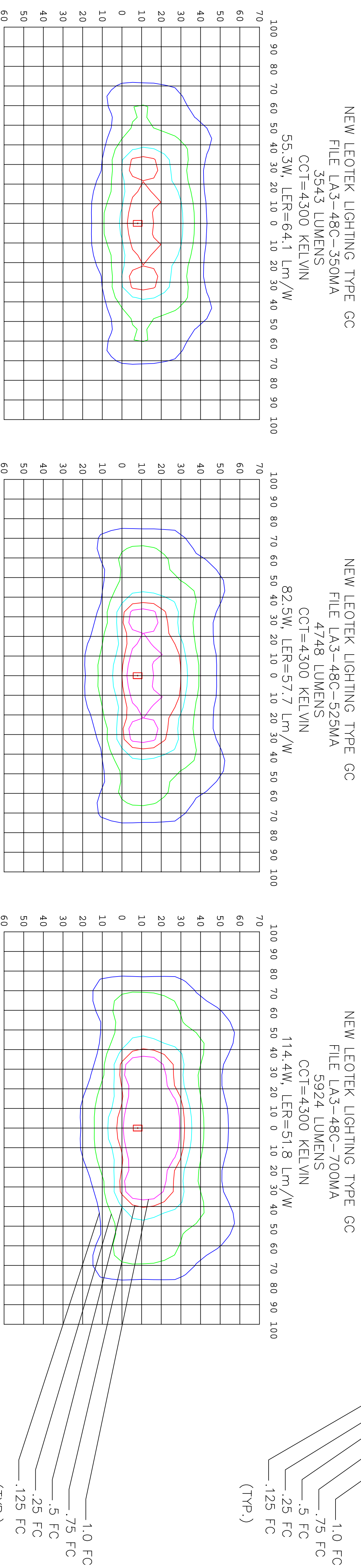
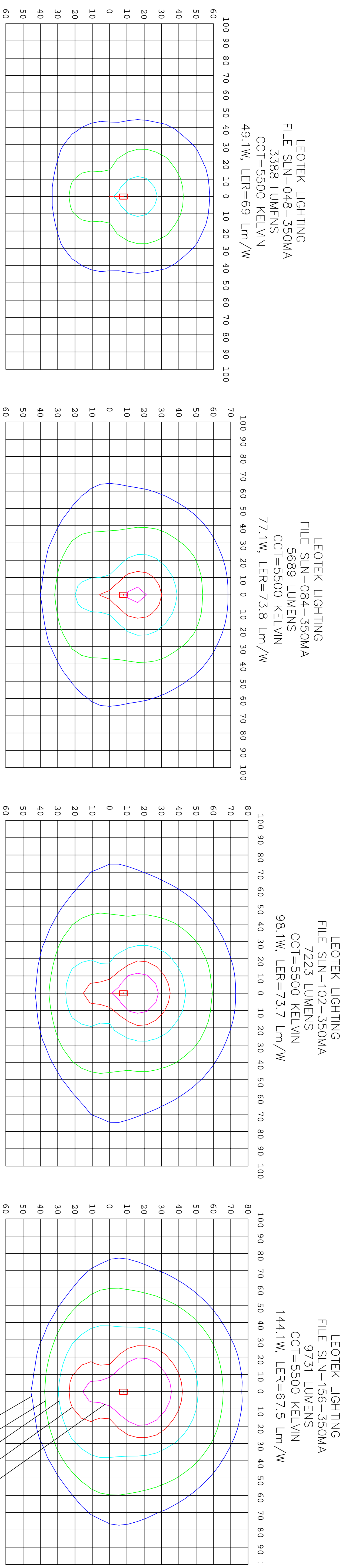
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Date: 11/25/09
Job No.:

Sheet: 3 of 5

LED-HADCO EVOLAIRE TYPE WL-27'



LED-LEOTEK LIGHTING TYPE SATELLITE-27'



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Project:
HADCO & LEOTEK LIGHTING
ISOLUX PATTERNS

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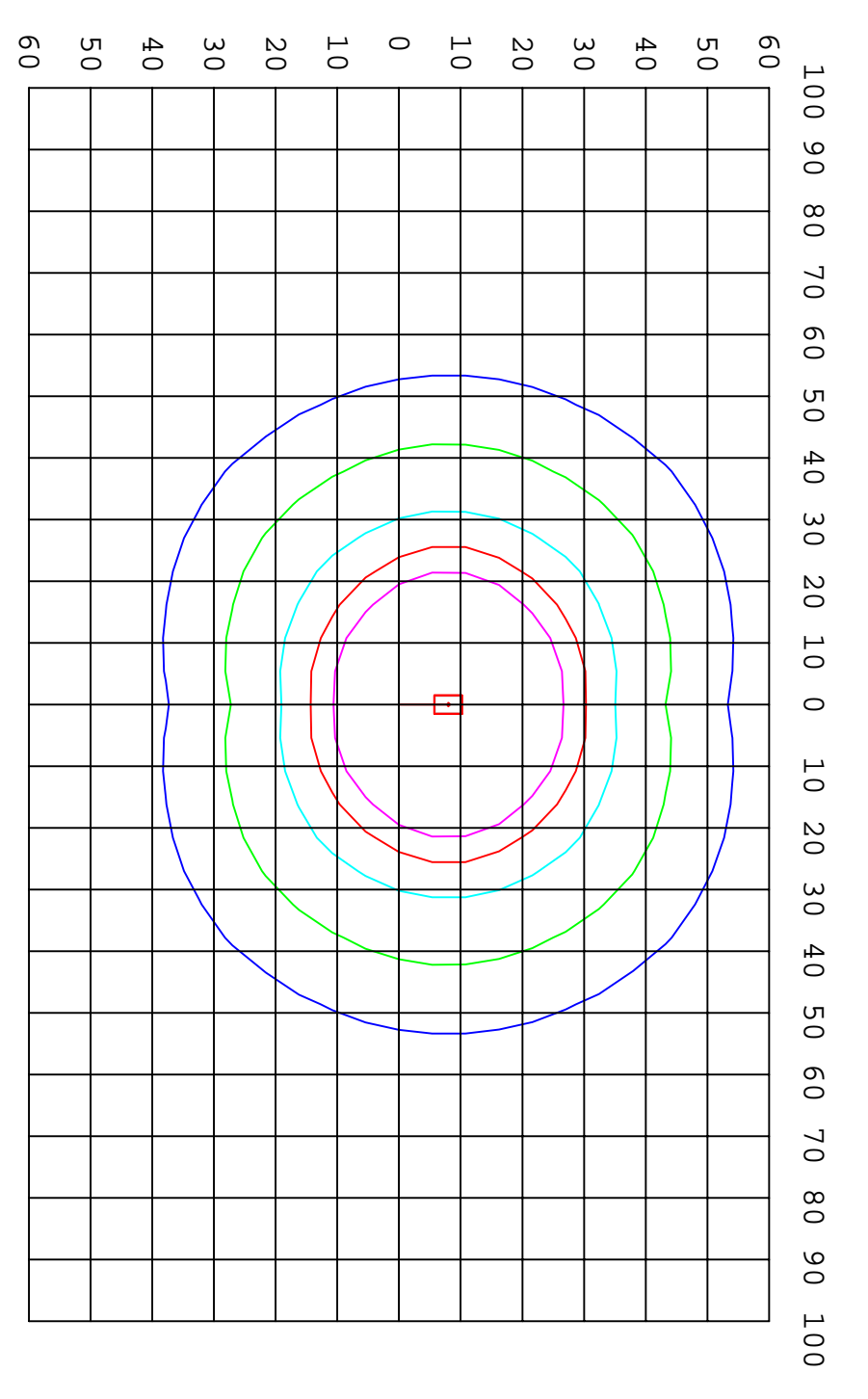
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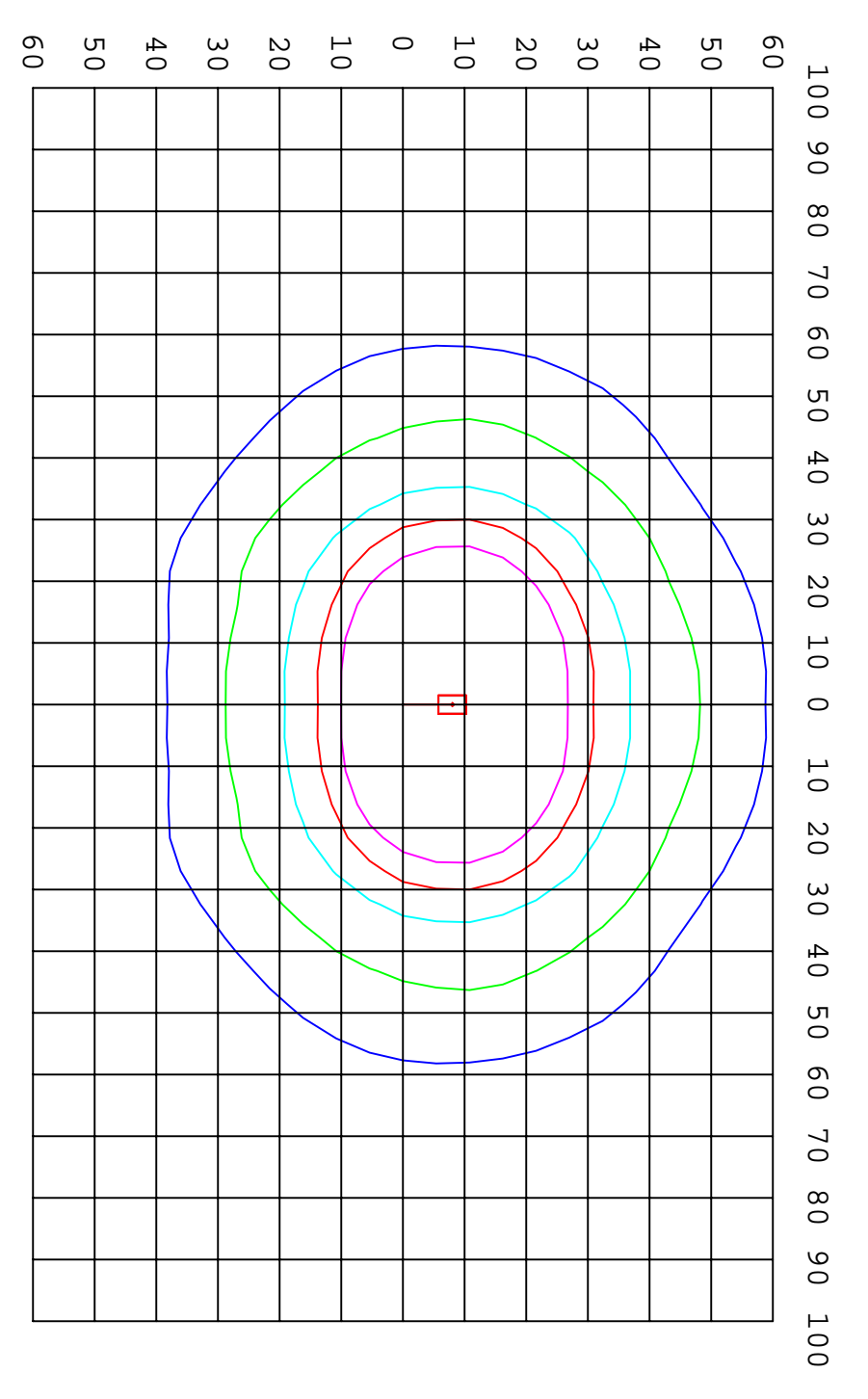
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INDUCTION LIGHTS

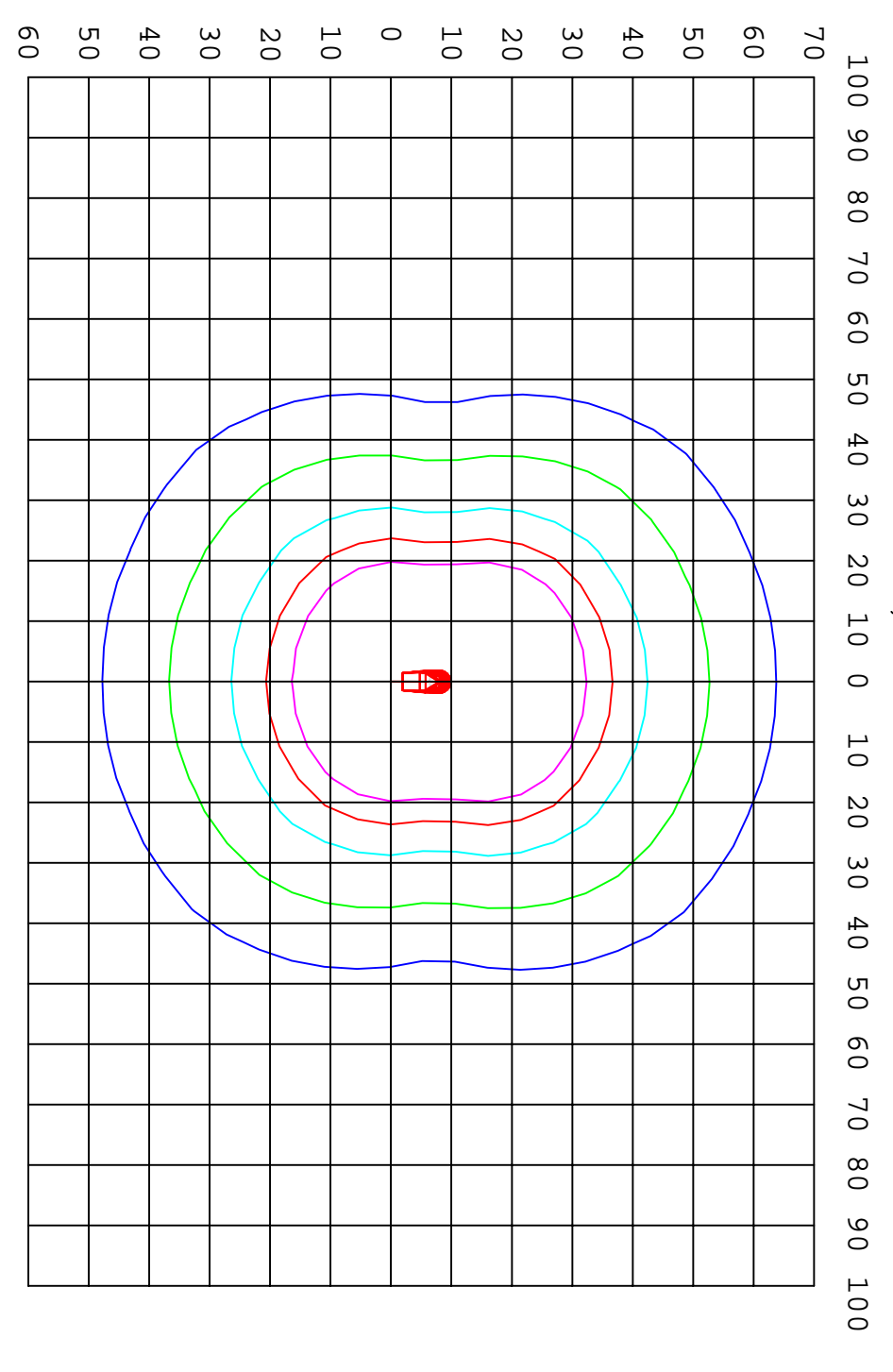
FULL SPECTRUM SOLUTIONS
FILE ECH-EC-100W
5629 LUMENS
100W, LER=51



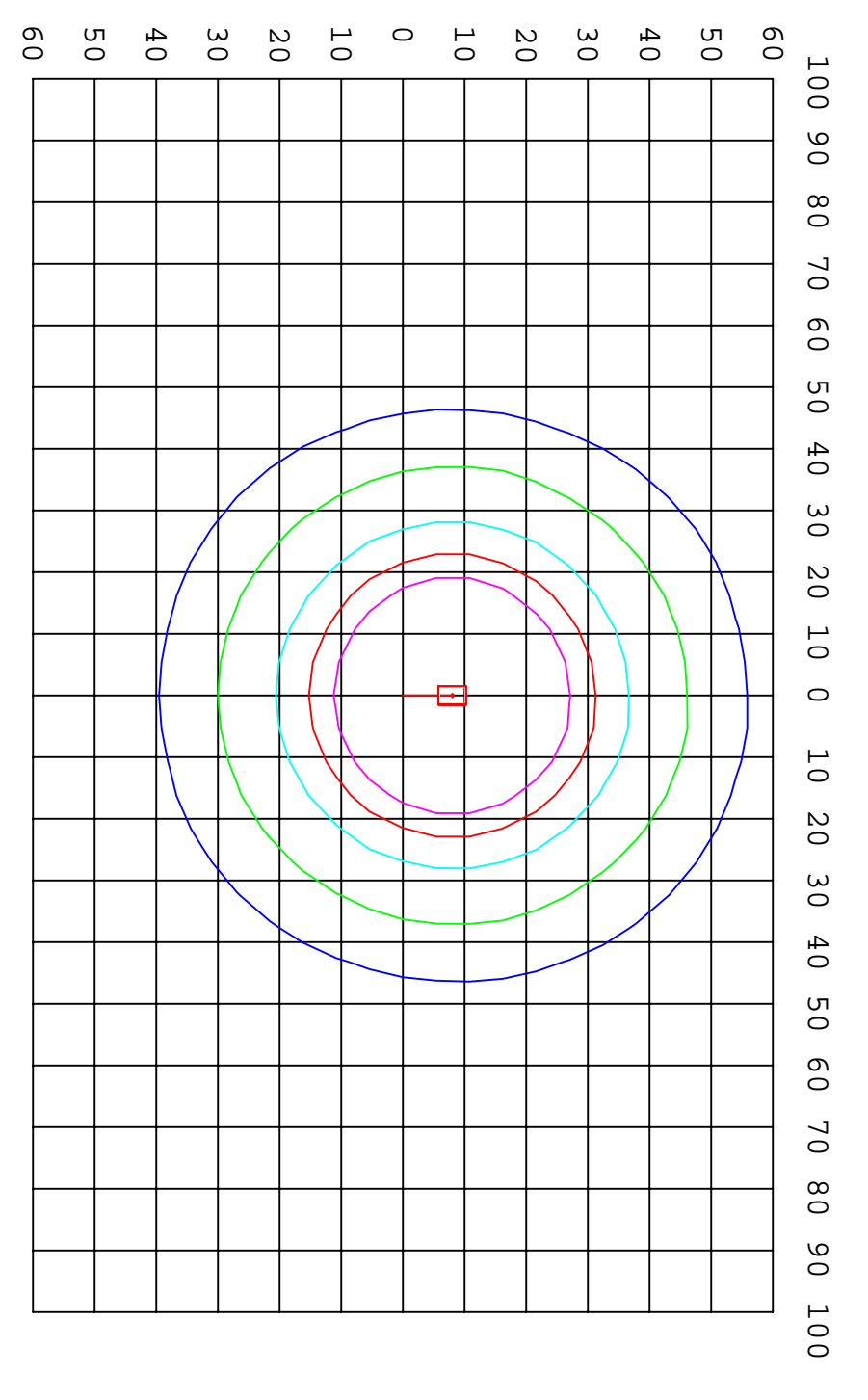
VISIONAIRE LIGHTING
FILE POL2-TR2-150-IND
7747 LUMENS
150W, LER=48



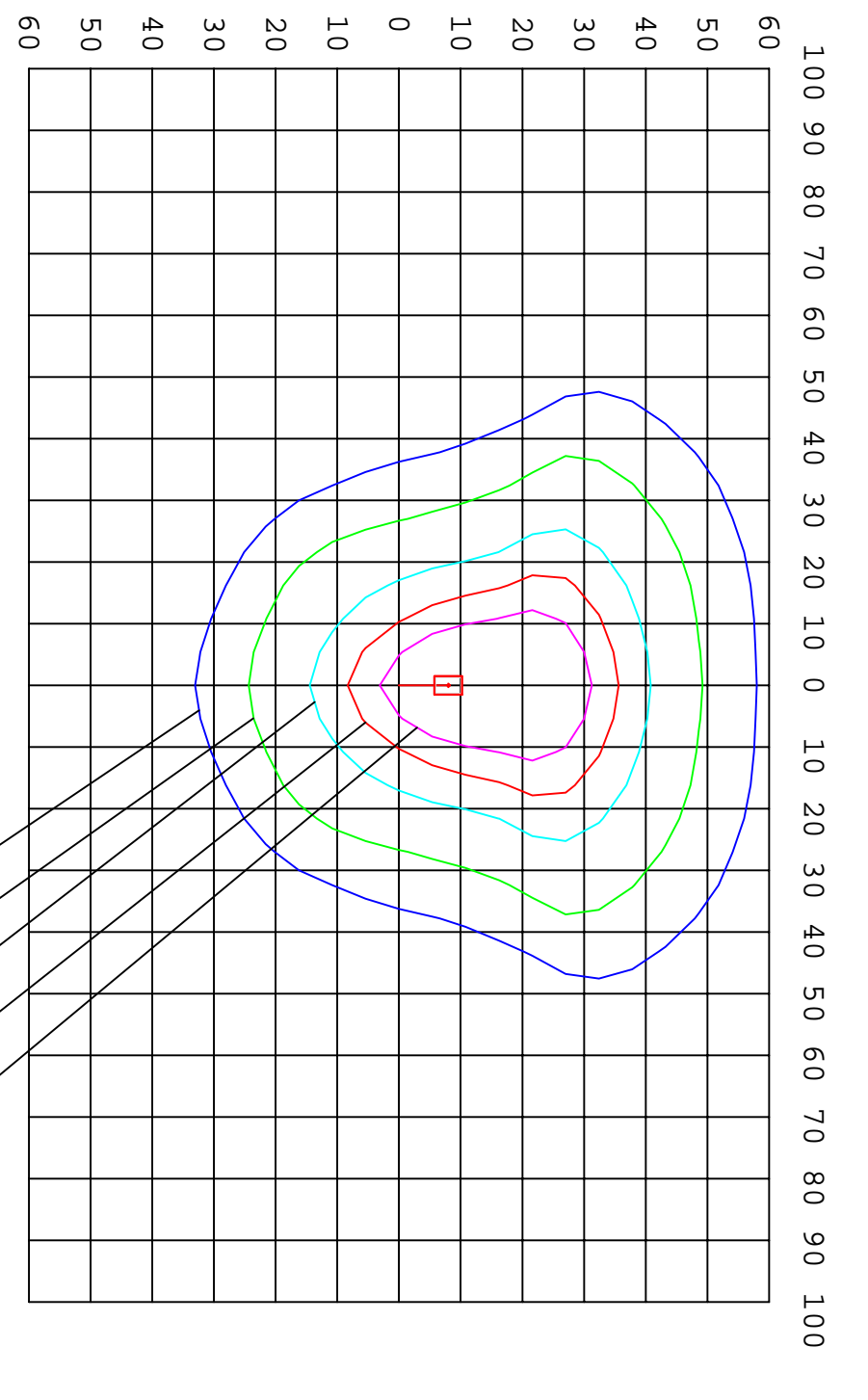
US LIGHTING TECHNOLOGIES
FILE JERSEY 150W
7950 LUMENS
150W, LER=53



AMKO SOLARA
FILE AF9-422-150-IND
12000 LUMENS
150W, LER=80



AMERICAN ELECTRIC LIGHTING
FILE RW125 85WOL
4444 LUMENS
85W, LER=52.3



1.0 FC
.75 FC
.5 FC
.25 FC
.125 FC
(TYP.)

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Innovators in Lighting Portraits

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www.natemullenvisualconcepts.com

Project:
INDUCTION LIGHTS
ISOLUX PATTERNS

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Revisions:

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Date: 11/25/09
Job No.:

Sheet: 5 of 5