

ID	Type	Manufacturer	No	Tilt	Model	IES Light distribution	Comment
●PL	PATH LIGHTING	Lithonia Lighting	38	0	RAD8 LED P1 30K ASY QWHXD	TYPE I, VERY SHORT, B0, U1, G0	1
●L1A20	PARKING LOT LIGHT	Lithonia Lighting	1	20	RAD1 LED P1 30K ASY HS	TYPE IV, VERY SHORT, BUG:B1, U2, G2	2
●L1A45	PARKING LOT LIGHT	Lithonia Lighting	1	45	RAD1 LED P1 30K ASY HS	TYPE IV, VERY SHORT, BUG:B1, U2, G2	2
●L1B	DRIVEWAY LIGHT	Lithonia Lighting	3	0	RAD1 LED P1 30K PATH	TYPE III, SHORT, BUG:B2, U0, G2	3
●L1C	PARKING LOT LIGHT	Lithonia Lighting	4	0	RAD1 LED P3 30K SYM	TYPE VS, BUG:B3, U0, G2	4
●L1D	PARKING LOT LIGHT	Lithonia Lighting	1	0	RAD1 LED P4 30K ASY	TYPE IV, VERY SHORT, BUG:B2, U2, G2	5
●L1E	PARKING LOT LIGHT	Lithonia Lighting	1	0	RAD1 LED P3 30K ASY	TYPE IV, VERY SHORT, BUG:B2, U2, G2	6

COMMENTS

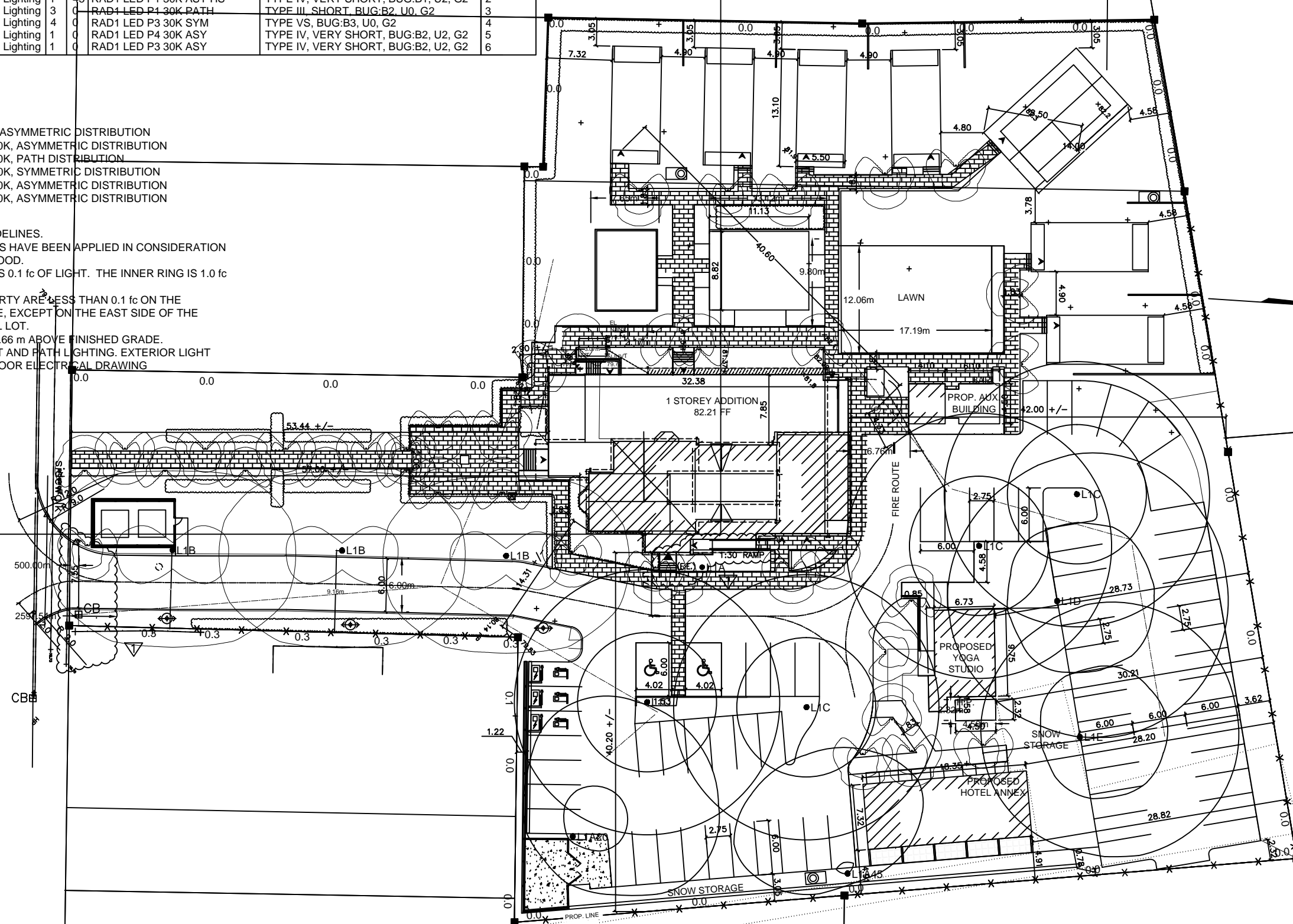
1. RADEAN BOLLARD WITH P1 3000K, ASYMMETRIC DISTRIBUTION
2. RADEAN ARM MOUNT WITH P1 3000K, ASYMMETRIC DISTRIBUTION
3. RADEAN ARM MOUNT WITH P1 3000K, PATH DISTRIBUTION
4. RADEAN ARM MOUNT WITH P3 3000K, SYMMETRIC DISTRIBUTION
5. RADEAN ARM MOUNT WITH P4 3000K, ASYMMETRIC DISTRIBUTION
6. RADEAN ARM MOUNT WITH P3 3000K, ASYMMETRIC DISTRIBUTION

NOTES

1. LIGHTING LEVELS AS PER IES GUIDELINES.
2. LOW END OF ACCEPTABLE RANGES HAVE BEEN APPLIED IN CONSIDERATION OF THE 'RESIDENTIAL' NEIGHBOURHOOD.
3. THE OUTER RING AT EACH LIGHT IS 0.1 fc OF LIGHT. THE INNER RING IS 1.0 fc OF LIGHT.
4. LIGHT LEVEL AROUND THE PROPERTY ARE LESS THAN 0.1 fc ON THE SUBJECT SIDE OF THE FENCE/HEDGE, EXCEPT ON THE EAST SIDE OF THE DRIVEWAY - 0.3 AT THE COMMERCIAL LOT.
5. PARKING LOT LIGHTING IS FROM 3.66 m ABOVE FINISHED GRADE.
6. DRAWING INDICATES PARKING LOT AND PATH LIGHTING. EXTERIOR LIGHT ATTACHED TO BUILDING ON MAINFLOOR ELECTRICAL DRAWING

STREET

MAIN



SEE NOTES ON SP.3.3

HAMBLY GROUP		WELLINGTON HOTEL	
DIVISION OF 8436550 CANADA CORPORATION			
1104 Cedarwoods Dr., Varona, ONTARIO K0H 2W0		SITE PLAN - LIGHTING	
TEL 613 374 1746 CEL 613 536 8193 FAX 613 536 9118		192 Main Street, Wellington, Ontario	
SIZE	FSCM NO.	DWG NO.	REV
		SP3.3	
SCALE 1:500	2022-09-22	SHEET 1	

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File Help Tools

Settings

Units
 Precision

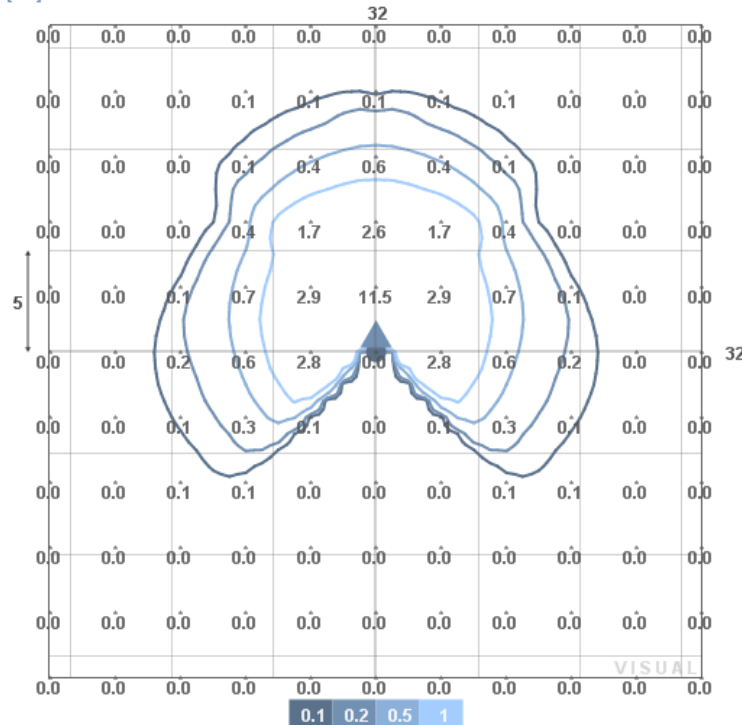
Calculation Area

Area Length ft
 Area Width ft
 Point Spacing X ft
 Point Spacing Y ft
 Gridlines ft

Criteria

Illuminance fc

[B] - RADB LED P1 30K ASY DWHXD



Calculation Results

Calculation Area 32 by 32 ft
 Point Spacing 3.2 by 3.2 ft
 Max Illuminance 11.5 fc
 Area > 0.5 fc 147 ft²

Display

Points
 Area

 0.1 fc
 0.2 fc
 0.5 fc
 1 fc

Project Information

A B C D E F

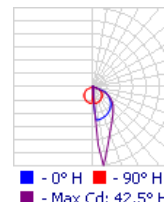


RADB LED P1 30K ASY DWHXD

Lithonia Lighting

[B] - RADB LED P1 30K ASY DWHXD

Configuration	<input type="text" value="Single"/>	Light Loss Factor	<input type="text" value="1"/>	Lamp Quantity	<input type="text" value="1"/>
Mounting Height	<input type="text" value="4"/>	Orientation	<input type="text" value="0"/>	Lumens Per Lamp	<input type="text" value="443"/>
Support Length	<input type="text" value="1"/>	Tilt	<input type="text" value="0"/>	Wattage	<input type="text" value="5.2"/>



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L1A20 Visual Template Tool™



File Help Tools

Settings

Units
 Precision

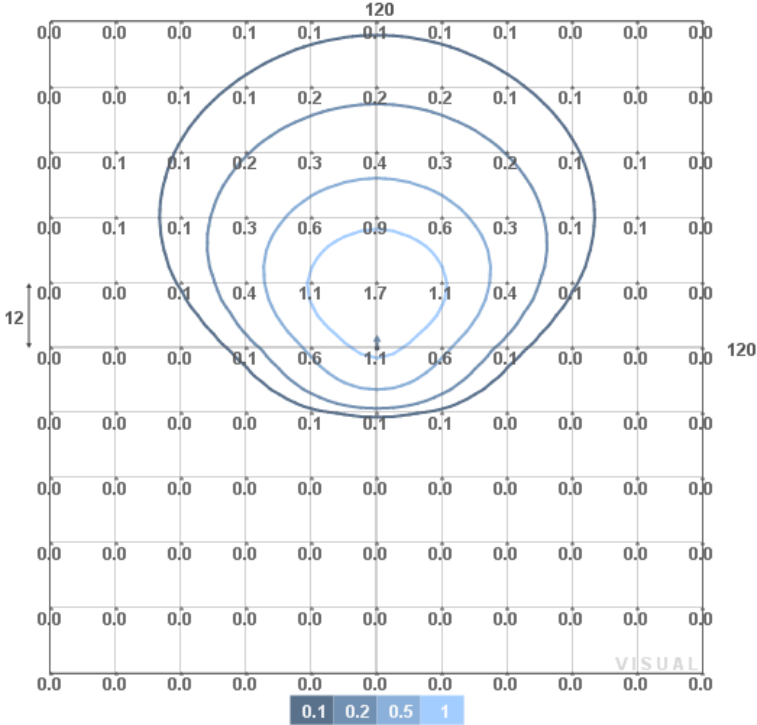
Calculation Area

Area Length ft
 Area Width ft
 Point Spacing X ft
 Point Spacing Y ft
 Gridlines ft

Criteria

Illuminance fc

[B] - RAD1 LED P1 30K ASY HS



Calculation Results

Calculation Area	120 by 120	ft
Point Spacing	12 by 12	ft
	B	--
Max Illuminance	1.7	fc
Area > 0.5 fc	1215	ft ²

Display

Points
 Area

 B --
 0.1 fc
 0.2 fc
 0.5 fc
 1 fc

Project Information

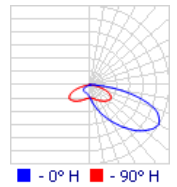
A B C D E



Lithonia Lighting

[B] - RAD1 LED P1 30K ASY HS

Configuration	<input type="text" value="Single"/>	Light Loss Factor	<input type="text" value="1"/>	Lamp Quantity	<input type="text" value="1"/>
Mounting Height	<input type="text" value="12"/>	Orientation	<input type="text" value="0"/>	Lumens Per Lamp	<input type="text" value="2872"/>
Support Length	<input type="text" value="1"/>	Tilt	<input type="text" value="20"/>	Wattage	<input type="text" value="25.4"/>



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L1A45 Visual Template Tool™



File Help Tools

Settings

Units
 Precision

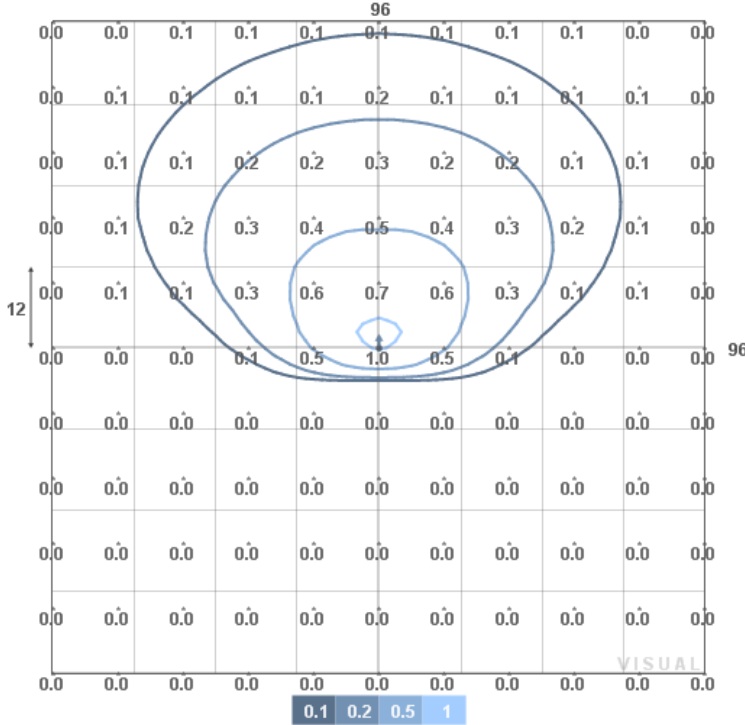
Calculation Area

Area Length ft
 Area Width ft
 Point Spacing X ft
 Point Spacing Y ft
 Gridlines ft

Criteria

Illuminance fc

[B] - RAD1 LED P1 30K ASY HS



Calculation Results

Calculation Area	96 by 96	ft
Point Spacing	9.6 by 9.6	ft
Max Illuminance	1	fc
Area > 0.5 fc	467	ft ²

Display

Points
 Area

0.1 fc
 0.2 fc
 0.5 fc
 1 fc

Project Information

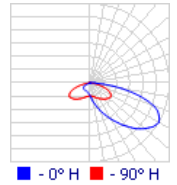
A B C D



Lithonia Lighting

[B] - RAD1 LED P1 30K ASY HS

Configuration	<input type="text" value="Single"/>	Light Loss Factor	<input type="text" value="1"/>	Lamp Quantity	<input type="text" value="1"/>
Mounting Height	<input type="text" value="12"/>	Orientation	<input type="text" value="0"/>	Lumens Per Lamp	<input type="text" value="2872"/>
Support Length	<input type="text" value="1"/>	Tilt	<input type="text" value="45"/>	Wattage	<input type="text" value="25.4"/>



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L1B Visual Template Tool™



File Help Tools

Settings

Units
 Precision

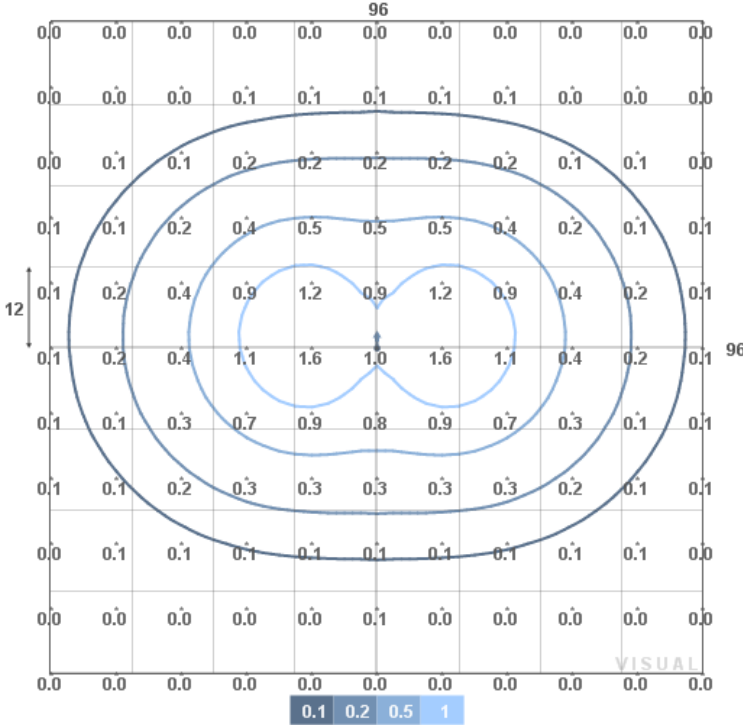
Calculation Area

Area Length ft
 Area Width ft
 Point Spacing X ft
 Point Spacing Y ft
 Gridlines ft

Criteria

Illuminance fc

[C] - RAD1 LED P1 30K PATH



Calculation Results

Calculation Area	96 by 96	ft
Point Spacing	9.6 by 9.6	ft
Max Illuminance	1.6	fc
Area > 0.5 fc	1659	ft ²

Display

Points
 Area

 0.1 fc
 0.2 fc
 0.5 fc
 1 fc

Project Information

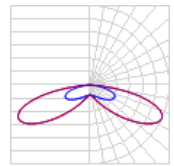
A B C



Lithonia Lighting

[C] - RAD1 LED P1 30K PATH

Configuration	<input type="text" value="Single"/>	Light Loss Factor	<input type="text" value="1"/>	Lamp Quantity	<input type="text" value="1"/>
Mounting Height	<input type="text" value="12"/>	Orientation	<input type="text" value="0"/>	Lumens Per Lamp	<input type="text" value="2785"/>
Support Length	<input type="text" value="1"/>	Tilt	<input type="text" value="0"/>	Wattage	<input type="text" value="25.4"/>



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L1E Visual Template Tool™



File Help Tools

Settings

Units
 Precision

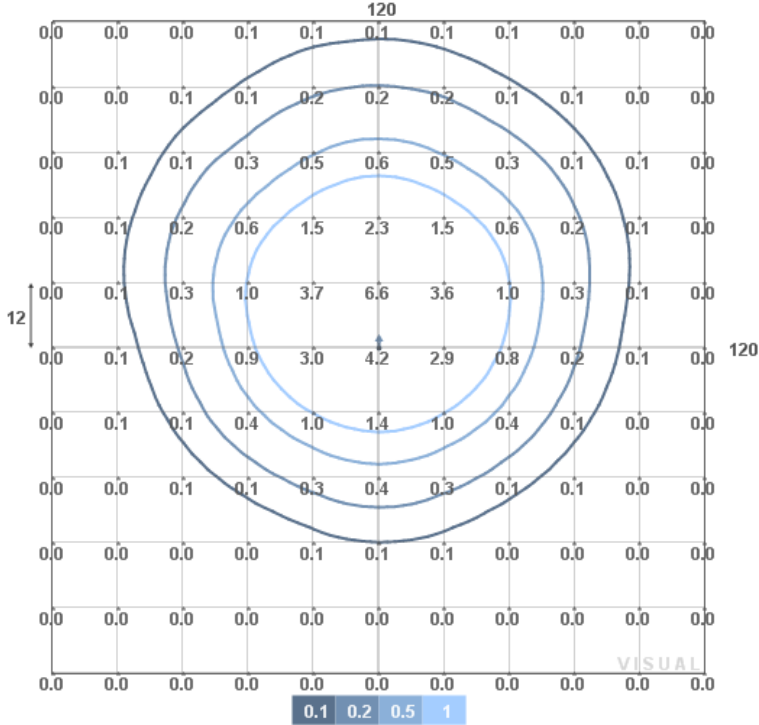
Calculation Area

Area Length ft
 Area Width ft
 Point Spacing X ft
 Point Spacing Y ft
 Gridlines ft

Criteria

Illuminance fc

[E] - RAD1 LED P3 30K ASY



Calculation Results

Calculation Area	120 by 120	ft
Point Spacing	12 by 12	ft
Max Illuminance	6.6	fc
Area > 0.5 fc	2808	ft ²

Display

Points
 Area

0.1 fc
 0.2 fc
 0.5 fc
 1 fc

Project Information

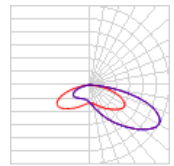
A B C D E



Lithonia Lighting

[E] - RAD1 LED P3 30K ASY

Configuration	<input type="text" value="Single"/>	Light Loss Factor	<input type="text" value="1"/>	Lamp Quantity	<input type="text" value="1"/>
Mounting Height	<input type="text" value="12"/>	Orientation	<input type="text" value="0"/>	Lumens Per Lamp	<input type="text" value="7020"/>
Support Length	<input type="text" value="1"/>	Tilt	<input type="text" value="0"/>	Wattage	<input type="text" value="53.6"/>



■ - 0° H ■ - 90° H
 ■ - Max Cd: 5° H

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L1C Visual Template Tool™



File Help Tools

Settings

Units
 Precision

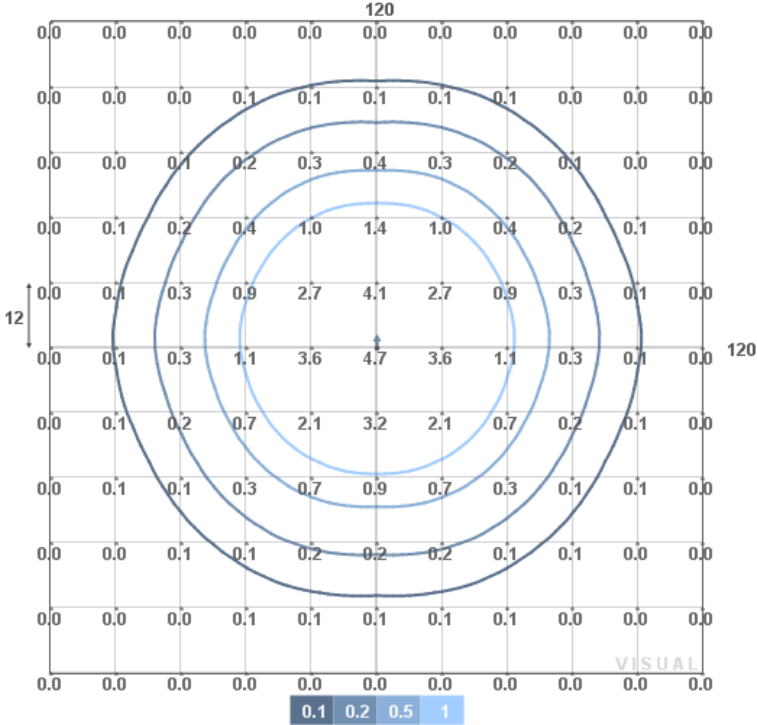
Calculation Area

Area Length ft
 Area Width ft
 Point Spacing X ft
 Point Spacing Y ft
 Gridlines ft

Criteria

Illuminance fc

[D] - RAD1 LED P3 30K SYM



Calculation Results

Calculation Area	120 by 120	ft
Point Spacing	12 by 12	ft
D	--	--
Max Illuminance	4.7	fc
Area > 0.5 fc	3096	ft ²

Display

Points
 Area

D -- fc
 fc
 fc
 fc

Project Information

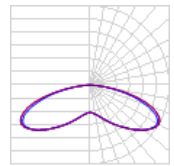
A B C D



Lithonia Lighting

[D] - RAD1 LED P3 30K SYM

Configuration	<input type="text" value="Single"/>	Light Loss Factor	<input type="text" value="1"/>	Lamp Quantity	<input type="text" value="1"/>
Mounting Height	<input type="text" value="12"/>	Orientation	<input type="text" value="0"/>	Lumens Per Lamp	<input type="text" value="7382"/>
Support Length	<input type="text" value="1"/>	Tilt	<input type="text" value="0"/>	Wattage	<input type="text" value="53.6"/>



■ - 0° H ■ - 90° H
 ■ - Max Cd: 35° H

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L1D Visual Template Tool™



File Help Tools

Settings

Units
 Precision

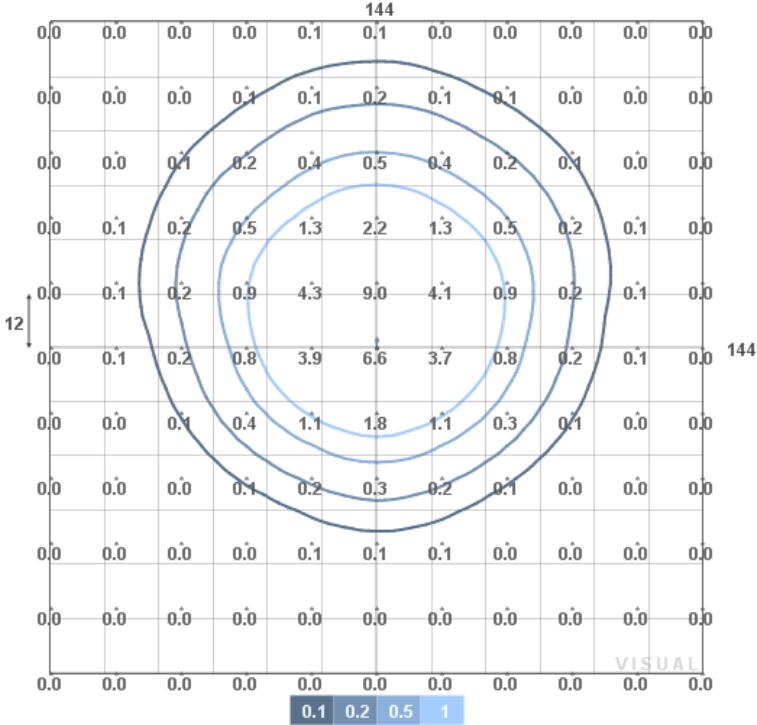
Calculation Area

Area Length ft
 Area Width ft
 Point Spacing X ft
 Point Spacing Y ft
 Gridlines ft

Criteria

Illuminance fc

[D] - RAD1 LED P4 30K ASY



Calculation Results

Calculation Area	144 by 144	ft
Point Spacing	14.4 by 14.4	ft
D		--
Max Illuminance	9	-- fc
Area > 0.5 fc	3642	-- ft ²

Display

Points
 Area

D -- fc
 fc
 fc
 fc

Project Information

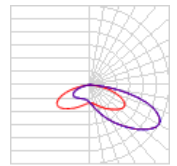
A B C D



Lithonia Lighting

[D] - RAD1 LED P4 30K ASY

Configuration	<input type="text" value="Single"/>	Light Loss Factor	<input type="text" value="1"/>	Lamp Quantity	<input type="text" value="1"/>
Mounting Height	<input type="text" value="12"/>	Orientation	<input type="text" value="0"/>	Lumens Per Lamp	<input type="text" value="11156"/>
Support Length	<input type="text" value="1"/>	Tilt	<input type="text" value="0"/>	Wattage	<input type="text" value="85.7"/>



■ - 0° H ■ - 90° H
 ■ - Max Cd: 5° H

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