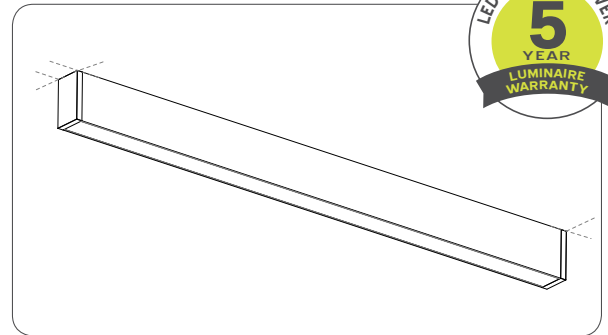


PROJECT INFORMATION

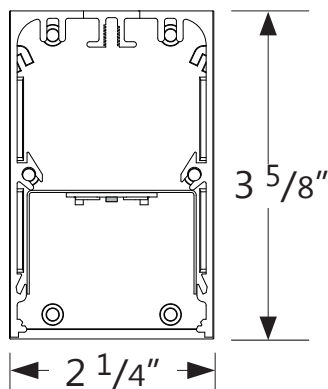
Project:

Type:

Notes:



DIMENSIONS -SECTION VIEWS



PERFORMANCE PER LINEAR FOOT AT 4000K

NOMINAL LUMEN OUTPUT	INPUT WATTS*	EFFICACY
400 lm/ft	4.24w/ft	94.3 lm/w
500 lm/ft	5.52w/ft	90.6 lm/w
750 lm/ft	8.84w/ft	84.8 lm/w
1000 lm/ft	12.27w/ft	81.5 lm/w

* Based on a 4 foot luminaire using one driver
Please consult factory for customize lumen output and wattage.

ORDERING CODE

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
---	---	---	---	---	---	---	---	---	----	----	----	----	----	----	----

PRODUCT SPECIFICATIONS

1 PRODUCT ID	2 VERSION	3 NOM. LUMENS/FT	4 COLOUR TEMP.	5 SHIELDING	6 LENGTH/FT	7 MR
BSLED surface led	B2 B2 (factory preset)	400 400 lm/ft 500 500 lm/ft 750 750 lm/ft 1000 1000 lm/ft	35 3500 k 30 3000 k ⁽¹⁾ 40 4000 k ⁽¹⁾	SO spotless lens	2 2' 3 3' 4 4' 5 5' 8 8' 12 12' S# System Run	M11LED# MR 11 LED
			(1) 8 week lead time for 3000K and 4000K		Add 6" per lamp	

8 FINISH	9 VOLTAGE	10 DRIVER	11 CIRCUITS	12 MOUNTING/SUSPENSION	13 BATTERY
AP aluminum paint W white C custom	120 120V 277 277V UNV universal	D dimming ⁽²⁾ LT lutron RD redwood ⁽³⁾	1 1 circuit 2 2 circuits +E# emergency section +NL# night light section +GTD# generator transfer device +M MR	S surface drywall ceiling SB surface t-bar ceiling SC surface solid ceiling	B# battery pack remote only
BLACK POWDERCOAT		(2) Standard with LED (3) Please consult factory		Please consult factory	

14 OTHER	15 IC CONTROLS	16 CUSTOM
F fuse FW# flex whip (6' std)	DS# daylight sensor OS# occupancy sensor See integrated controls guide for further details	C custom Please specify

Driver, Battery Pack and Integrated Control Details and Custom Description:

● SPECIFICATIONS

CONSTRUCTION

Housing	Extruded Aluminum (0.075" nominal) up to 70% recycled content
End Cap	Sheet Steel (18 ga)
Interior Brackets	Die Formed Sheet Steel (18 ga)
Reflectors	White Powder Coated Sheet Steel (22 ga)
Blank	Extruded Aluminum (0.075" nominal)
Lens	Spotless frosted acrylic lens

ELECTRICAL

LED	Use of OptimaLED technology based on mid-flux LED
Input Voltage	120V, 277V, UNV.
Driver	Dimming, HiLume, EcoSystem, DALI,
CRI	Minimum 80 color rendering index
CCT	Choice of 3000k, 3500k and 4000k color temperature with a great color consistency (within 3.5-step MacAdam ellipse).
LED life	Minimum 50,000h with 70% of lumen maintenance in 25°C ambient temperature, in compliance with IES LM-80 testing measurements.
Emergency	Emergency battery pack or emergency circuit optional.

● WARRANTY

Axis lighting will warrant defective LEDs, boards, and drivers for 5 years from date of purchase. Warranty is valid if luminaire is installed and used according to specifications. If defective, Axis will send replacement boards or drivers at no cost along with detailed replacement instructions and instructions on how to return defective components to Axis.

● APPROVALS

Certified to UL and CUL standards 
 Meets NYC requirements

● SYSTEM (S#)

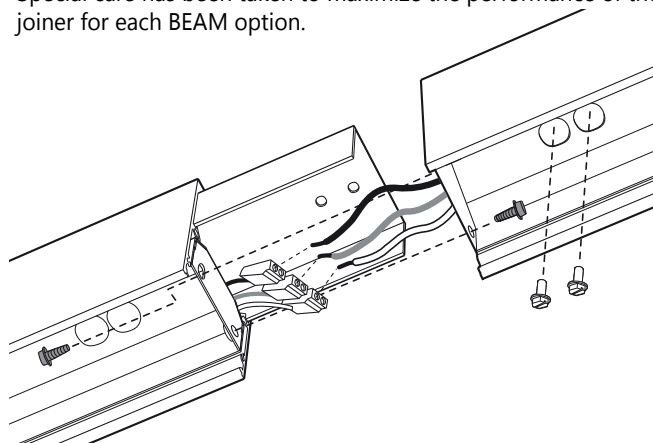
BEAM 2 linear systems, with the use of a strong profile, allow for a nearly hair thin connection system of continuous runs. Lengths of 4', 8', 12' as well as custom lengths are available. Runs of BEAM 2 that are greater than 12' in length are designated as systems (S#). This means that the run is comprised of a combination 4', 8' and/or 12' sections to be assembled on site using our joining system. For more information on systems and joining, please refer to the BEAM installation sheets available for download at www.axislighting.com.

● FINISH

Powder Coated and custom finishes are also available.

● JOINERS

In order to allow very long runs of BEAM 2 luminaires, Axis has developed a number of different joining systems. Special care has been taken to maximize the performance of the joiner for each BEAM option.

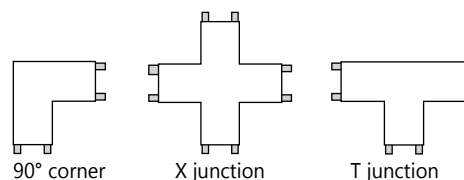
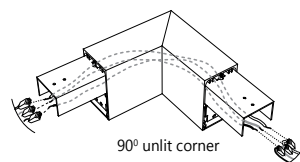


NOTE: Mount each system segment individually. Do not assemble system prior to mounting.

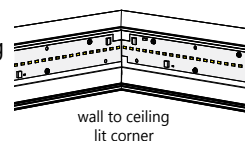
 Allow a minimum of 6" between end of long runs and vertical wall

● CORNERS

Unlit Corners - BEAM2 features a multitude of layout patterns with the use of a number of corners, 90° corner, T or X junctions.

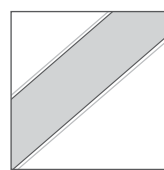


Lit Corners - In addition Axis offers Lit 90° Corners including Ceiling to Ceiling, Wall to Ceiling and Ceiling to Wall.



 For custom corner angles, please consult factory. Specifications sheets for all corners are available at: www.axislighting.com

● OPTICS



50 spotless lens

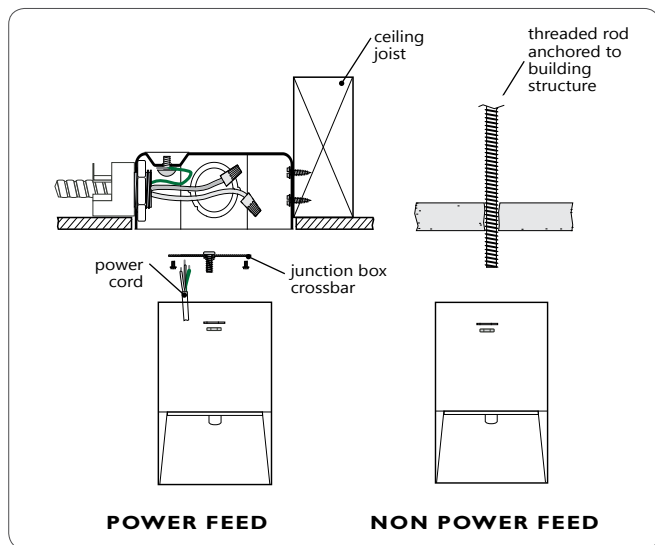
SPOTLESS LENS

Frosted acrylic snap-in lens with micro lens

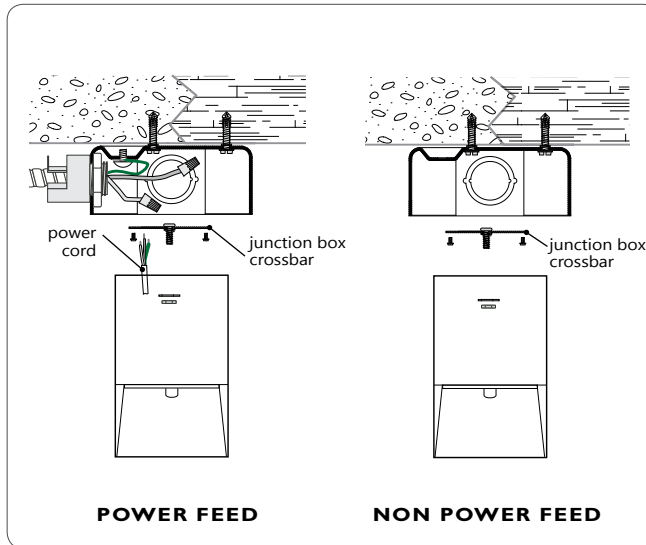
● WEIGHT

4 ft	10.5 lbs / 4.8 kg
8 ft	21.0 lbs / 9.6 Kg
12 ft	31.5 lbs / 14.4 Kg

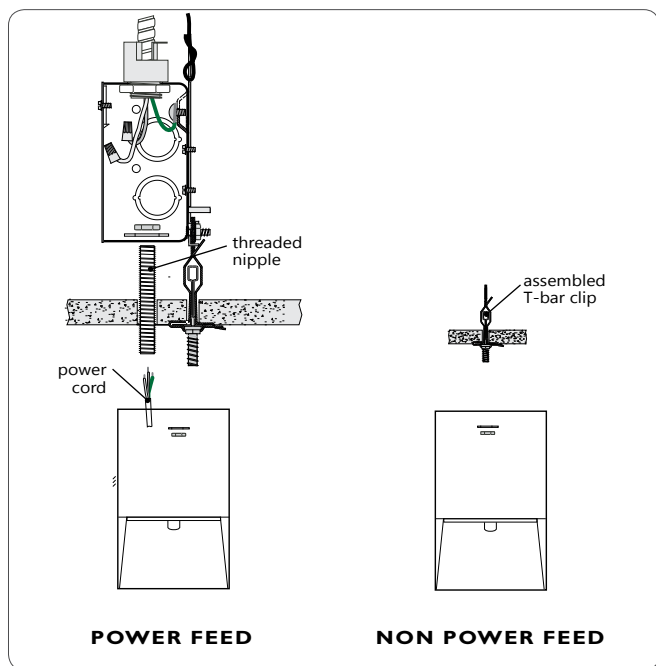
● MOUNTING DETAILS



S SURFACE MOUNT DRYWALL CEILING



SC SURFACE MOUNT SOLID CEILING



SB SURFACE MOUNT T-BAR CEILING

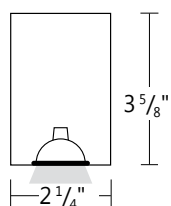
● OTHER MOUNTING OPTIONS

BEAM 2 LED is also available with pendant, recessed, wall, wall vertical and recessed vertical mounted options.

i Specification sheets and Installation sheets for all mounting for BEAM luminaires are available for download at www.axislighting.com

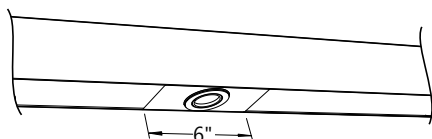
● MR11 LED LAMPS

Blank	Extruded Aluminum (0.075" nominal)
MR11 LED	1.4" diameter
Quantity	For every 4' section, there may be up to a maximum of 4 x MR11 LED lamps.
Spacing	Each MR11 LED lamp is placed centered on a blank section 6" in length.

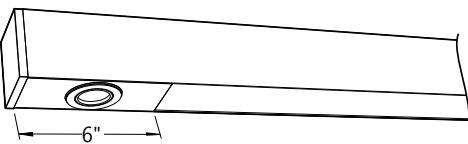


For a series of MR11's within a given section length, they will be spaced evenly on a longer blank section. The directed light of MR11 LED lamps are fixed downward. Custom spacing may be available on special request.

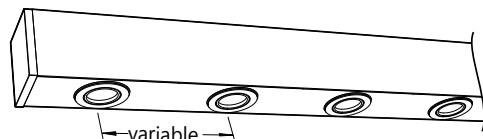
Between sections



At luminaire ends

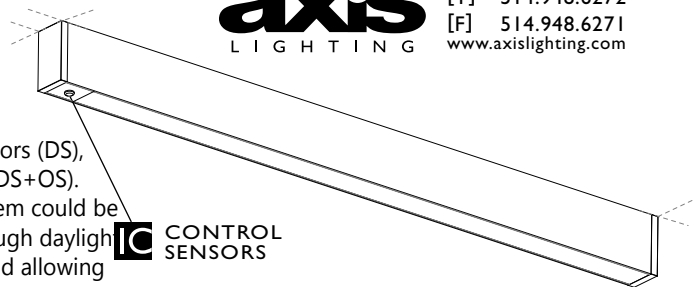


Several in a long blank section



Beam Angle	45 nominal degrees
Input Watts	3W
Numinal Lumens	50 lumens
Efficacy	17 lumens per watt
Color Rendering Index (CRI)	80
Life	25,000 hours at L ₇₀
Correlated color temperature (CCT)	2700K

- i** More options are available upon request. Please consult factory.



● INTEGRATED CONTROL OPTIONS

BEAM 2 LED luminaires allow the use of integrated controls such as daylight sensors (DS), occupancy sensors (OS) and individual daylight sensors and occupancy sensors (DS+OS). These options can be seamlessly integrated into our luminaires. The control system could be used to optimize the lighting of the space by reducing energy consumption through daylight harvesting and occupancy, thereby improving the overall interior environment and allowing for LEED credits.

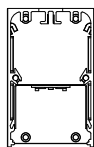


- Consult factory for other options.

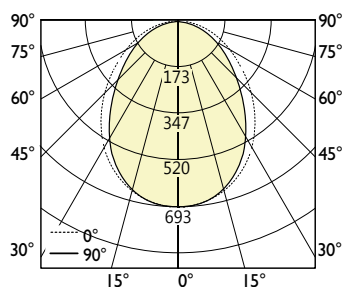
SENSORS	BRAND	Model	TYPE	CODE	COMPATIBLE DRIVER
Daylight Sensor (DS)	Lutron	EC-DIR-WH	Daylight	LD	EcoSystem
	Wattstopper	FD-301	Daylight	WD	Dimming 0-10V
	Philips	Luxsense	Daylight	PL	Dimming 0-10V
Occupancy Sensor (OS)	Wattstopper	FS-205	PIR Occupancy	WP1	Dimming or non-dimming
		FS-355 (Consult Factory)	PIR Occupancy	WP2	Dimming or non-dimming
Daylight and Occupancy Sensors (OS+DS)	Wattstopper Philips	Please consult factory			Dimming 0-10V

● PHOTOMETRIC DATA

400 lm/ft



PHOTOMETRIC CURVE



Luminaire Lumens: 400 lm/ft
Input Watts: 4.24 w/ft
Efficacy: 94.3 lm/w
 IES FILE: BSLED-B2-400-40-SO.IES

CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles					Zonal Lumens
	0	22.5	45	67.5	90	
0	691	691	691	691	691	
5	684	687	684	689	691	16.4
15	653	656	651	649	651	46.3
25	591	589	576	567	563	66.9
35	499	492	469	448	440	73.9
45	387	377	348	324	315	67.8
55	269	260	236	216	208	53.4
65	164	157	143	129	124	35.6
75	77	76	68	61	59	18.1
85	17	15	16	15	15	4.2
90	0	0	0	0	0	

LUMINANCE DATA (CD/M²)

Vertical Angle	Horizontal Angles		
	0	45	90
45	8552	7697	6960
55	7344	6435	5672
65	6069	5280	4589
75	4673	4109	3545
85	3110	2871	2632

COEFFICIENTS OF UTILIZATION (%)

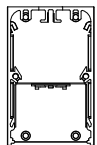
Ceiling	80				70				50			
	70	50	30	10	70	50	30	10	50	30	10	
Wall												
0	119	119	119	119	117	117	117	117	111	111	111	
1	110	106	102	97	108	104	100	95	99	97	93	
2	101	94	87	80	99	92	86	79	88	83	77	
3	93	83	76	67	91	82	75	67	79	73	66	
4	86	74	66	57	83	73	65	57	71	64	57	
5	79	67	59	50	77	66	58	50	64	57	49	
6	73	61	52	44	72	60	52	44	58	51	44	
7	68	56	47	39	67	55	47	39	53	46	39	
8	64	51	43	35	62	50	42	35	49	42	35	
9	60	47	39	32	58	46	39	32	45	38	32	
10	56	43	36	29	55	43	36	29	42	35	29	

Based on floor reflectance of 20%

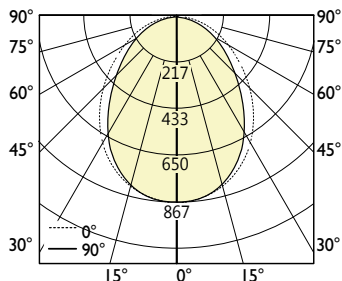
i All IES files for other lamping are available for download at: www.axislighting.com

PHOTOMETRIC DATA

500 lm/ft



PHOTOMETRIC CURVE



Luminaire Lumens: 500 lm/ft
Input Watts: 5.52 w/ft
Efficacy: 90.6 lm/w
IES FILE: BSLED-B2-500-40-SO.IES

CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles					Zonal Lumens
	0	22.5	45	67.5	90	
0	863	863	863	863	863	
5	855	858	855	862	863	20.5
15	817	820	813	812	813	57.8
25	738	737	720	708	703	83.6
35	623	615	587	560	550	92.3
45	483	472	435	405	393	84.8
55	337	325	295	270	260	66.7
65	205	197	178	162	155	44.5
75	97	95	85	77	73	22.6
85	22	18	20	18	18	5.2
90	0	0	0	0	0	

COEFFICIENTS OF UTILIZATION (%)

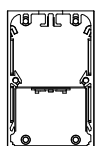
Ceiling	80				70				50			
	70	50	30	10	70	50	30	10	50	30	10	10
0	119	119	119	119	117	117	117	117	111	111	111	111
1	110	106	102	97	108	104	100	95	99	97	93	93
2	101	94	87	80	99	92	86	79	88	83	77	77
3	93	83	76	67	91	82	75	67	79	73	66	66
4	86	74	66	57	83	73	65	57	71	64	57	57
5	79	67	59	50	77	66	58	50	64	57	49	49
6	73	61	52	44	72	60	52	44	58	51	44	44
7	68	56	47	39	67	55	47	39	53	46	39	39
8	64	51	43	35	62	50	42	35	49	42	35	35
9	60	47	39	32	58	46	39	32	45	38	32	32
10	56	43	36	29	55	43	36	29	42	35	29	29

Based on floor reflectance of 20%

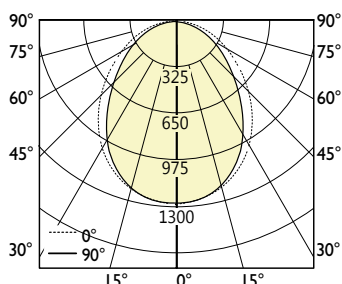
LUMINANCE DATA (CD/M²)

Vertical Angle	Horizontal Angles		
	0	45	90
45	10690	9620	8700
55	9180	8044	7089
65	7586	6599	5736
75	5841	5136	4431
85	3888	3589	3290

750 lm/ft



PHOTOMETRIC CURVE



Luminaire Lumens: 750 lm/ft
Input Watts: 8.84 w/ft
Efficacy: 84.8 lm/w
IES FILE: BSLED-B2-750-40-SO.IES

CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles					Zonal Lumens
	0	22.5	45	67.5	90	
0	1295	1295	1295	1295	1295	
5	1283	1288	1283	1293	1295	30.8
15	1225	1230	1220	1218	1220	86.7
25	1108	1105	1080	1063	1055	125.4
35	935	923	880	840	825	138.5
45	725	708	653	608	590	127.2
55	505	488	443	405	390	100.1
65	308	295	268	243	233	66.8
75	145	143	128	115	110	33.9
85	33	28	30	28	28	7.9
90	0	0	0	0	0	

COEFFICIENTS OF UTILIZATION (%)

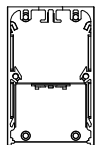
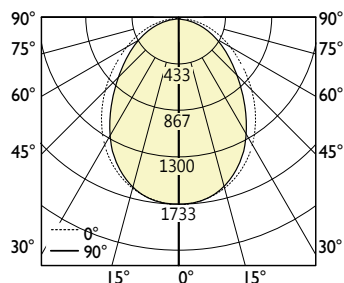
Ceiling	80				70				50			
	70	50	30	10	70	50	30	10	50	30	10	10
0	119	119	119	119	117	117	117	117	111	111	111	111
1	110	106	102	97	108	104	100	95	99	97	93	93
2	101	94	87	80	99	92	86	79	88	83	77	77
3	93	83	76	67	91	82	75	67	79	73	66	66
4	86	74	66	57	83	73	65	57	71	64	57	57
5	79	67	59	50	77	66	58	50	64	57	49	49
6	73	61	52	44	72	60	52	44	58	51	44	44
7	68	56	47	39	67	55	47	39	53	46	39	39
8	64	51	43	35	62	50	42	35	49	42	35	35
9	60	47	39	32	58	46	39	32	45	38	32	32
10	56	43	36	29	55	43	36	29	42	35	29	29

Based on floor reflectance of 20%

LUMINANCE DATA (CD/M²)

Vertical Angle	Horizontal Angles		
	0	45	90
45	16035	14432	13050
55	13770	12066	10634
65	11380	9899	8604
75	8762	7704	6647
85	5832	5383	4935

i All IES files for other lamping are available for download at: www.axislighting.com

PHOTOMETRIC DATA
1000 lm/ft

PHOTOMETRIC CURVE

Luminaire Lumens: 1000 lm/ft
Input Watts: 12.27 w/ft
Efficacy: 81.5 lm/w

IES FILE: BSLED-B2-1000-40-SO.IES

CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles					Zonal Lumens
	0	22.5	45	67.5	90	
0	1727	1727	1727	1727	1727	
5	1710	1717	1710	1723	1727	41.0
15	1633	1640	1627	1623	1627	115.7
25	1477	1473	1440	1417	1407	167.2
35	1247	1230	1173	1120	1100	184.6
45	967	943	870	810	787	169.6
55	673	650	590	540	520	133.4
65	410	393	357	323	310	89.0
75	193	190	170	153	147	45.2
85	43	37	40	37	37	10.5
90	0	0	0	0	0	

COEFFICIENTS OF UTILIZATION (%)

Ceiling	80				70				50			
	70	50	30	10	70	50	30	10	50	30	10	10
0	119	119	119	119	117	117	117	117	111	111	111	111
1	110	106	102	97	108	104	100	95	99	97	93	93
2	101	94	87	80	99	92	86	79	88	83	77	77
3	93	83	76	67	91	82	75	67	79	73	66	66
4	86	74	66	57	83	73	65	57	71	64	57	57
5	79	67	59	50	77	66	58	50	64	57	49	49
6	73	61	52	44	72	60	52	44	58	51	44	44
7	68	56	47	39	67	55	47	39	53	46	39	39
8	64	51	43	35	62	50	42	35	49	42	35	35
9	60	47	39	32	58	46	39	32	45	38	32	32
10	56	43	36	29	55	43	36	29	42	35	29	29

Based on floor reflectance of 20%

LUMINANCE DATA (CD/M²)

Vertical Angle	Horizontal Angles		
	0	45	90
45	21381	19243	17399
55	18360	16087	14179
65	15173	13199	11472
75	11683	10273	8863
85	7776	7178	6580

i All IES files for other lamping are available for download at: www.axislighting.com