

Project Name: _____ Type: _____ Quantity: _____

INTENDED USE

The specification grade **Igloo Architectural LED Adjustable Accent Light Fixture** delivers direct accent surface, pendant, wall, and ceiling track lighting to commercial, hospitality and residential interior track or surface lighting applications. Architecturally styled Cylinder LED track lights feature small, unobtrusive size and are highly adjustable. Our modern LED lighting designs offer excellent illumination, exceptional performance and versatility in offices, classrooms, conference rooms, museums, retail outlets, hotels, restaurants, and more.

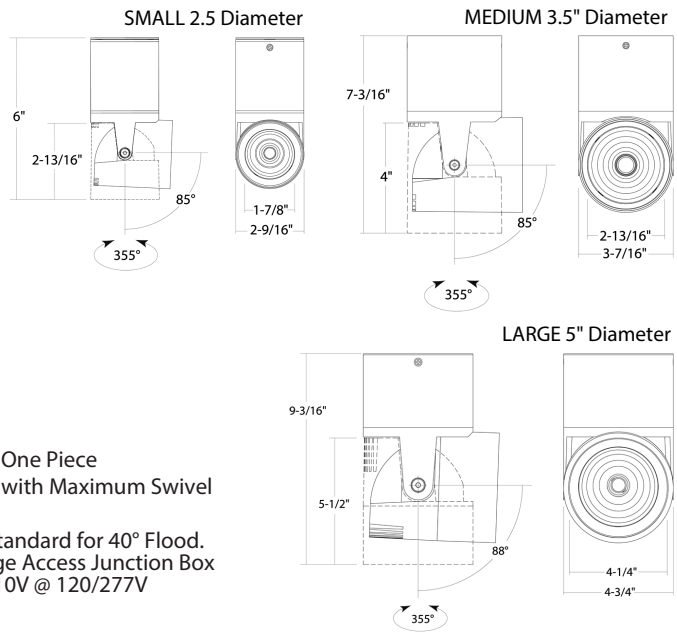


PRODUCT FAMILY

- 13000-TC Track Channel
- 13000-LC Linear Connector
- 13000-OA Outlet Adapter
- 13000-SC Slope Ceiling Track Adapter
- 13000-TB T-Bar End Feed
- 13000-FC Floating Canopy Connector
- 13000-EC End Cap
- 13000-LC Live End with Canopy
- 13000-LE Live End
- 13000-L L-Connector
- 13000-T T-Connector
- 13000-X X-Connector
- 13000-MC Mini Connector
- 13000-CP Cord and Plug Connector
- 13000-PA Pendant Adapter
- 13000-CC Conduit Connector
- 13000-CK Conduit Continuation Kit

FEATURES

- Construction:** Extruded Aluminum with Die-Cast Aluminum Swivel and One Piece Combination Heat Sink and Reflector Enclosure. Luminaire is Adjustable with Maximum Swivel Angle to 85° Off Center and a 325° Rotation
- Reflector:** Multifaceted Specular Reflector with Gasketed Glass Lens is Standard for 40° Flood.
- Driver:** Remote Electronic Direct Current Class 2 Driver Mounted on Large Access Junction Box
- Dimming:** Track Model is dimmable via 2-Wire ELV @ 120V or 5-Wire 0-10V @ 120/277V *SM7 option is not dimmable.*
- Life:** 50,000 Hours L70
- Warranty:** 3 Years Carefree for Parts & Components (Labor Not Included)
- Listings:** cETL Listed



ORDERING INFORMATION Example: 13101-R-P12-SM7-T27-C90-15-BK-LV

Model	Mounting	Size Lumens Wattage	Color Temp	Driver	Beam Spread	Finish	Options
13101 Track Lighting	S 4" J-Box Surface Mount	SM7¹ 2.5" Dia 10 watts 700 lumens	T27-C90 2700K 90 CRI	ELV ELV (120V)	15 15° Narrow Spot	BK Black	LV³ Glare Control Louver
	W 4" J-Box Wall Mount	SM9¹ 2.5" Dia 15 watts 1000 lumens	T27-C97² 2700K 97 CRI	010² 0-10V (120/277V)	25 25° Narrow Flood	WH White	FL Frosted Lens
	H H-Track	MD15⁴ 3.5" Dia 20 watts 1500 lumens	T30-C90 3000K 90 CRI		40 40° Flood <i>Standard</i>		
	P12 12" Stem Pendant	MD20 3.5" Dia 30 watts 2000 lumens	T30-C97² 3000K 97 CRI		60³ 60° Wide Flood		
	P24 24" Stem Pendant	LG25 5" Dia 30 watts 2500 lumens	T35-C90 3500K 90 CRI				
	P36 36" Stem Pendant	LG35 5" Dia 45 watts 3500 lumens	T40-C90 4000K 90 CRI				
	P48 48" Stem Pendant		WD^{2,3} Warm Dimming 1850K - 3000K				
	P12A 12" Adjustable Stem						
	P24A 24" Adjustable Stem						
	P36A 36" Adjustable Stem						
	P48A 48" Adjustable Stem						



¹ Not Dimmable if H-Track Mounting option is selected
² Not compatible with H-Track
³ Not compatible with LG25 or LG35
⁴ Not available with Warm Dimming

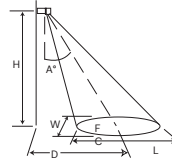
PHOTOMETRY

13101-SM7

700 lm, 15°, 3000K

D = Distance from ceiling to ground/wall
H = Distance to FC center of beam
FC = Footcandles

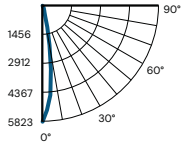
W = Beam width
L = Beam length



13101-W-SM7

System Power:	10.1W
Test Date:	8/29/2018
Beam Angle 50%:	15.7°
Field Angle 10%:	29.6°
Color Temp. (CCT):	3000K
CRI:	90
Lumens Delivered:	668.54
CBCP:	5823
Power Factor:	> 0.9

MULTIPLIERS	
LUMENS	
1000lm (-L09):	1.34
700lm (-L07):	1.00
CCT	
90 CRI : 1.00	4000K : 1.02
97 CRI : 0.89	3500K : 1.01
	3000K : 1.00
	2700K : 0.96



13101-P12/P12A-SM7

13101-S-SM7

System Power:	10.1W
Test Date:	8/29/2018
Beam Angle 50%:	15.7°
Field Angle 10%:	29.6°
Color Temp. (CCT):	3000K
CRI:	90
Lumens Delivered:	668.54
CBCP:	5823
Power Factor:	> 0.9

MULTIPLIERS	
LUMENS	
1000lm (-L09):	1.34
700lm (-L07):	1.00
CCT	
90 CRI : 1.00	4000K : 1.02
97 CRI : 0.89	3500K : 1.01
	3000K : 1.00
	2700K : 0.96

13101-P12-SM7

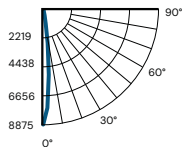
System Power:	10.1W
Test Date:	8/29/2018
Beam Angle 50%:	15.7°
Field Angle 10%:	29.6°
Color Temp. (CCT):	3000K
CRI:	90
Lumens Delivered:	668.54
CBCP:	5823
Power Factor:	> 0.9

MULTIPLIERS	
LUMENS	
1000lm (-L09):	1.34
700lm (-L07):	1.00
CC	
90 CRI : 1.00	4000K : 1.02
97 CRI : 0.89	3500K : 1.01
	3000K : 1.00
	2700K : 0.96

13101-H-SM7

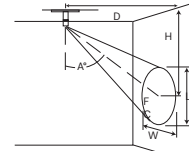
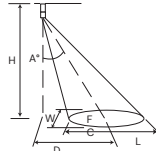
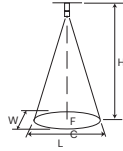
System Power:	11.1W
Test Date:	8/28/2018
Beam Angle 50%:	12.0°
Field Angle 10%:	23.3°
Color Temp. (CCT):	3000K
CRI:	90
Lumens Delivered:	589.86
CBCP:	8875
Power Factor:	> 0.9

MULTIPLIERS	
CCT	
90 CRI : 1.00	4000K : 1.07
	3500K : 1.07
	3000K : 1.00
	2700K : 0.93



LCALDJ2W-L07-B15-1C1N

Mounting	Horizontal Angle																								
	A° = 5°					A° = 15°					A° = 30°					A° = 45°					A° = 60°				
	H	D	FC	W	L	H	D	FC	W	L	H	D	FC	W	L	H	D	FC	W	L	H	D	FC	W	L
Surface Mount	8.0'	0.7'	93.3	2.2'	2.2'	8.0'	2.1'	85.0	2.2'	2.3'	8.0'	4.5'	61.2	2.5'	2.9'	8.0'	7.9'	33.2	3.1'	4.4'	8.0'	13.7'	11.7	4.4'	9.2'
(Wall)	10.0'	0.9'	59.3	2.7'	2.7'	10.0'	2.6'	54.0	2.8'	2.9'	10.0'	5.7'	38.9	3.1'	3.6'	10.0'	9.9'	21.1	3.9'	5.6'	10.0'	17.1	7.4	5.5'	11.6'
(-40)	12.0'	1.0'	41.0	3.3'	3.3'	12.0'	3.2'	37.3	3.4'	3.5'	12.0'	6.8'	26.9	3.8'	4.4'	12.0'	11.9'	14.6	4.6'	6.7'	12.0'	20.6'	5.1	6.6'	13.9'
	14.0'	1.2'	30.0	3.8'	3.9'	14.0'	3.7'	27.3	4.0'	4.1'	14.0'	8.0'	19.7	4.4'	5.1'	14.0'	13.9'	10.7	5.4'	7.8'	14.0'	24.1	3.8	7.7'	16.3'
	16.0'	1.4'	22.9	4.4'	4.4'	16.0'	4.2'	20.9	4.5'	4.7'	16.0'	9.2'	15.0	5.1'	5.9'	16.0'	15.9'	8.2	6.2'	8.9'	16.0'	27.5'	2.9	8.8'	18.6'



Mounting	Horizontal Angle										Vertical Angle (Fixture calculated at aiming point (90°) to horizontal surface)													
	No Tilt			A° = 30°							A° = 30°			A° = 45°			A° = 60°							
	H	FC	W	H	D	FC	W	L	H	D	FC	W	L	H	D	FC	W	L	H	D	FC	W	L	
Surface Mount	8.0'	103.9	2.1'	2.1'	8.0'	4.3'	67.1	2.4'	2.8'	3.0'	5.7'	80.9	1.7'	3.5'	3.0'	3.5'	228.7	1.2'	1.7'	3.0'	2.2'	420.2	1.0'	1.1'
(Ceiling)	10.0'	64.7	2.6'	2.6'	10.0'	5.5	41.9	3.0'	3.5'	4.0'	7.4'	45.5	2.2'	4.7'	4.0'	4.5'	128.7	1.6'	2.2'	4.0'	2.8'	236.4	1.3'	1.5'
(-40)	12.0'	44.1	3.2'	3.2'	12.0'	6.6'	28.6	3.7'	4.3'	5.0'	9.2'	29.1	2.8'	5.8'	5.0'	5.5'	82.3	1.9'	2.8'	5.0'	3.3'	151.3	1.6'	1.9'
	14.0'	32.0	3.7'	3.7'	14.0'	7.8'	20.7	4.3'	5.0'	6.0'	10.9'	20.2	3.3'	7.0'	6.0'	6.5'	57.2	2.3'	3.4'	6.0'	3.9'	105.1	1.9'	2.2'
	16.0'	24.3	4.3'	4.3'	16.0'	9.0'	15.7	4.9'	5.7'	7.0'	12.6'	14.9	3.9'	8.2'	7.0'	7.5'	42.0	2.7'	3.9'	7.0'	4.5'	77.2	2.2'	2.6'
12" Stem Pendant	8.0'	135.7	1.8'	1.8'	8.0'	3.8'	87.6	2.1'	2.4'	3.0'	6.8'	80.9	1.7'	3.5'	3.0'	4.4'	228.7	1.2'	1.7'	3.0'	3.1'	420.2	1.0'	1.1'
(-STM12)	10.0'	79.7	2.4'	2.4'	10.0'	4.9	51.5	2.7'	3.2'	4.0'	8.4'	45.5	2.2'	4.7'	4.0'	5.4'	128.7	1.6'	2.2'	4.0'	3.7'	236.4	1.3'	1.5'
	12.0'	52.3	2.9'	2.9'	12.0'	6.1'	33.8	3.4'	3.9'	5.0'	10.1'	29.1	2.8'	5.8'	5.0'	6.4'	82.3	1.9'	2.8'	5.0'	4.3'	151.3	1.6'	1.9'
	14.0'	37.0	3.5'	3.5'	14.0'	7.3'	23.9	4.0'	4.7'	6.0'	11.8'	20.2	3.3'	7.0'	6.0'	7.4'	57.2	2.3'	3.4'	6.0'	4.8'	105.1	1.9'	2.2'
	16.0'	27.5	4.0'	4.0'	16.0'	8.4'	17.8	4.6'	5.4'	7.0'	13.6'	14.9	3.9'	8.2'	7.0'	8.4'	42.0	2.7'	3.9'	7.0'	5.4'	77.2	2.2'	2.6'
12" Stem Adjustable (-STM12J)	8.0'	145.3	1.7'	1.7'	8.0'	3.7'	93.8	2.0'	2.3'	3.0'	6.8'	80.9	1.7'	3.5'	3.0'	4.6'	228.7	1.2'	1.7'	3.0'	3.3'	420.2	1.0'	1.1'
	10.0'	83.9	2.3'	2.3'	10.0'	4.8	54.2	2.7'	3.1'	4.0'	8.6'	45.5	2.2'	4.7'	4.0'	5.6'	128.7	1.6'	2.2'	4.0'	3.9'	236.4	1.3'	1.5'
	12.0'	54.6	2.8'	2.8'	12.0'	6.0'	35.3	3.3'	3.8'	5.0'	10.3'	29.1	2.8'	5.8'	5.0'	6.6'	82.3	1.9'	2.8'	5.0'	4.5'	151.3	1.6'	1.9'
	14.0'	38.3	3.4'	3.4'	14.0'	7.1'	24.8	3.9'	4.6'	6.0'	12.0'	20.2	3.3'	7.0'	6.0'	7.6'	57.2	2.3'	3.4'	6.0'	5.1'	105.1	1.9'	2.2'
	16.0'	28.4	4.0'	4.0'	16.0'	8.3'	18.4	4.6'	5.3'	7.0'	13.8'	14.9	3.9'	8.2'	7.0'	8.6'	42.0	2.7'	3.9'	7.0'	5.6'	77.2	2.2'	2.6'
Track (-1C1N, -2C2N, & -3C1N)	8.0'	165.0	1.5'	1.5'	8.0'	4.2'	106.7	1.8'	2.1'	3.0'	5.8'	123.3	1.3'	2.6'	3.0'	3.6'	348.6	0.9'	1.3'	3.0'	2.4'	640.5	0.7	0.8'
	10.0'	101.9	2.0'	2.0'	10.0'	5.4	65.9	2.3'	2.6'	4.0'	7.6'	69.3	1.7'	3.5'	4.0'	4.6'	196.1	1.2'	1.7'	4.0'	3.0'	360.3	1.0'	1.1'
	12.0'	69.1	2.4'	2.4'	12.0'	6.6'	44.8	2.8'	3.2'	5.0'	9.3'	44.4	2.1'	4.3'	5.0'	5.6'	125.5	1.5'	2.1'	5.0'	3.5'	230.6	1.2'	1.4'
	14.0'	49.9	2.8'	2.8'	14.0'	7.7'	32.3	3.2'	3.8'	6.0'	11.0'	30.8	2.5'	5.2'	6.0'	6.6'	87.2	1.8'	2.6'	6.0'	4.1'	160.1	1.5'	1.7'
	16.0'	37.7	3.2'	3.2'	16.0'	8.9'	24.5	3.7'	4.3'	7.0'	12.8'	22.6	2.9'	6.1'	7.0'	7.6'	64.0	2.1'	3.0'	7.0'	4.7'	117.6	1.7'	2.0'

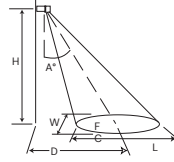
PHOTOMETRY

13101-SM7

700 lm, 25°, 3000K

D = Distance from ceiling to ground/wall
H = Distance to FC center of beam
FC = Footcandles

W = Beam width
L = Beam length

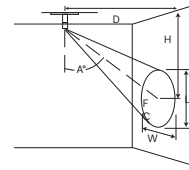
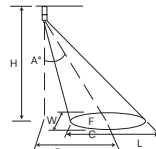
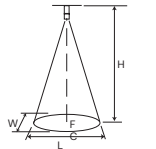
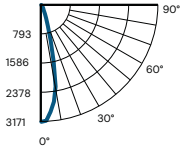


13101-W-SM7

System Power :	10.1W
Test Date :	8/29/2018
Beam Angle 50% :	24.7°
Field Angle 10% :	42.6°
Color Temp. (CCT) :	3000K
CRI :	90
Lumens Delivered :	697
CBPC :	3170
Power Factor :	0.9

MULTIPLIERS	
LUMENS	
1000lm (-L09) :	1.34
700lm (-L07) :	1.00
CRI	CCT
90 CRI : 1.00	4000K : 1.02
97 CRI : 0.89	3500K : 1.01
	3000K : 1.00
	2700K : 0.96

Mounting	Horizontal Angle				
	A° = 5°	A° = 15°	A° = 30°	A° = 45°	A° = 60°
Surface Mount (Wall) (-40)	H D FC W L	H D FC W L	H D FC W L	H D FC W L	H D FC W L
	8.0' 0.7 50.8 3.5' 3.5'	8.0' 2.1' 46.3 3.6' 3.7'	8.0' 4.5' 33.3 4.0' 4.7'	8.0' 7.9' 18.1 4.9' 7.2'	8.0' 13.7' 6.4 6.9' 16.2'
	9.0' 0.8 40.0 3.9' 3.9'	9.0' 2.4 36.4 4.0' 4.2'	9.0' 5.1' 26.2 4.5' 5.3'	9.0' 8.9' 14.2 5.5' 8.2'	9.0' 15.4' 5.0 7.8' 18.2'
	10.0' 0.9' 32.3 4.3' 4.3'	10.0' 2.8' 29.4 4.5' 4.6'	10.0' 5.7' 21.2 5.0' 5.9'	10.0' 9.9' 11.5 6.1' 9.1'	10.0' 17.1' 4.0 8.7' 20.2'
	11.0' 0.9' 26.6 4.8' 4.8'	11.0' 2.9' 24.2 4.9' 5.1'	11.0' 6.3' 17.4 5.5' 6.4'	11.0' 10.9' 9.5 6.7' 10.0'	11.0' 18.9' 3.3 9.5' 22.3'
	12.0' 1.0' 22.3 5.2' 5.2'	12.0' 3.2' 20.3 5.4' 5.6'	12.0' 6.8' 14.6 6.0' 7.0'	12.0' 11.9' 8.0 7.4' 10.9'	12.0' 20.6' 2.8 10.4' 24.3'



13101-P12/P12A-SM7

13101-S-SM7

System Power :	10.1W
Test Date :	8/29/2018
Beam Angle 50% :	24.7°
Field Angle 10% :	42.6°
Color Temp. (CCT) :	3000K
CRI :	90
Lumens Delivered :	697
CBPC :	3170
Power Factor :	0.9

MULTIPLIERS	
LUMENS	
1000lm (-L09) :	1.34
700lm (-L07) :	1.00
CRI	CCT
90 CRI : 1.00	4000K : 1.02
97 CRI : 0.89	3500K : 1.01
	3000K : 1.00
	2700K : 0.96

Mounting	Horizontal Angle				Vertical Angle (Fixture calculated at aiming point (90°) to horizontal surface)			
	No Tilt	A° = 30°	A° = 30°	A° = 45°	A° = 60°			
Surface Mount (Ceiling) (-40)	H FC W L	H D FC W L	H D FC W L	H D FC W L	H D FC W L			
	4.0' 2612 1.5' 1.5'	4.0' 2.0' 167.6 1.8' 2.1'	2.0' 4.0' 99.1 1.8' 4.1'	2.0' 2.1' 280.3 1.2' 1.8'	2.0' 1.6' 514.9 1.0' 1.2'			
	5.0' 157.7 2.0' 2.0'	5.0' 2.6 101.4 2.3' 2.7'	3.0' 5.7 44.0 2.6' 6.1'	3.0' 3.1' 124.6 1.9' 2.8'	3.0' 2.2' 228.8 1.5' 1.8'			
	6.0' 105.4 2.4' 2.4'	6.0' 3.2' 67.9 2.8' 3.3'	4.0' 7.4' 24.8 3.5' 8.2'	4.0' 4.1' 70.1 2.5' 3.7'	4.0' 2.8' 128.7 2.0' 2.4'			
	7.0' 75.4 2.8' 2.8'	7.0' 3.8' 48.7 3.3' 3.9'	5.0' 9.2' 15.9 4.4' 10.2'	5.0' 5.1' 44.8 3.1' 4.6'	5.0' 3.3' 82.4 2.5' 3.0'			
	8.0' 56.6 3.3' 3.3'	8.0' 4.3' 36.6 3.8' 4.5'	6.0' 10.9' 11.0 5.3' 12.3'	6.0' 6.1' 31.1 3.7' 5.5'	6.0' 3.9' 57.2 3.0' 3.6'			

13101-P12-SM7

System Power :	10.1W
Test Date :	8/29/2018
Beam Angle 50% :	24.7°
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CRI :	90
Lumens Delivered :	697
CBPC :	3170
Power Factor :	0.9

MULTIPLIERS	
LUMENS	
1000lm (-L09) :	1.34
700lm (-L07) :	1.00
CRI	CCT
90 CRI : 1.00	4000K : 1.02
97 CRI : 0.89	3500K : 1.01
	3000K : 1.00
	2700K : 0.96

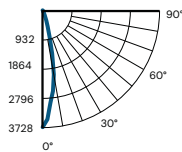
Mounting	Horizontal Angle				Vertical Angle (Fixture calculated at aiming point (90°) to horizontal surface)			
	No Tilt	A° = 30°	A° = 30°	A° = 45°	A° = 60°			
12" Stem Pendant (-STM12)	H FC W L	H D FC W L	H D FC W L	H D FC W L	H D FC W L			
	8.0' 73.9 2.9' 2.9'	8.0' 3.8' 47.7 3.3' 3.9'	3.0' 6.6' 44.0 2.6' 6.1'	3.0' 4.4' 124.6 1.9' 2.8'	3.0' 3.1' 228.8 1.5' 1.8'			
	9.0' 55.6 3.3' 3.3'	9.0' 4.4 35.9 3.8' 4.5'	4.0' 8.4' 24.8 3.5' 8.2'	4.0' 5.4' 70.1 2.5' 3.7'	4.0' 3.7' 128.7 2.0' 2.4'			
	10.0' 43.4 3.7' 3.7'	10.0' 4.9' 28.0 4.3' 5.1'	5.0' 10.1' 15.9 4.4' 10.2'	5.0' 6.4' 44.8 3.1' 4.6'	5.0' 4.3' 82.4 2.5' 3.0'			
	11.0' 34.8 4.2' 4.2'	11.0' 5.5' 22.5 4.8' 5.7'	6.0' 11.8' 11.0 5.3' 12.3'	6.0' 7.4' 31.1 3.7' 5.5'	6.0' 4.8' 57.2 3.0' 3.6'			
	12.0' 28.5 4.6' 4.6'	12.0' 6.1' 18.4 5.3' 6.3'	7.0' 13.6' 8.1 6.1' 14.3'	7.0' 8.4' 22.9 4.3' 6.4'	7.0' 5.4' 42.0 3.5' 4.2'			

13101-H-SM7

System Power :	11.1W
Test Date :	8/28/2018
Beam Angle 50% :	21.2°
Field Angle 10% :	38.7°
Color Temp. (CCT) :	3000K
CRI :	90
Lumens Delivered :	642.2
CBPC :	3728
Power Factor :	0.9

MULTIPLIERS	
LUMENS	
1000lm (-L09) :	1.34
700lm (-L07) :	1.00
CRI	CCT
90 CRI : 1.00	4000K : 1.02
	3500K : 1.07
	3000K : 1.00
	2700K : 0.93

Mounting	Horizontal Angle				Vertical Angle (Fixture calculated at aiming point (90°) to horizontal surface)			
	No Tilt	A° = 30°	A° = 30°	A° = 45°	A° = 60°			
Track (-1CIN, -2C2N, & -3CIN)	H FC W L	H D FC W L	H D FC W L	H D FC W L	H D FC W L			
	8.0' 70.1 2.7' 2.7'	8.0' 4.2' 45.3 3.2' 3.7'	3.0' 5.9' 51.8 2.2' 5.0'	3.0' 3.7' 146.4 1.6' 2.3'	3.0' 2.3' 269.0 1.3' 1.5'			
	10.0' 43.2 3.5' 3.5'	10.0' 5.4 28.0 4.0' 4.7'	4.0' 7.6' 29.1 3.0' 6.7'	4.0' 4.7' 82.4 2.1' 3.1'	4.0' 2.9' 151.3 1.7' 2.0'			
	12.0' 29.2 4.2' 4.2'	12.0' 6.5' 18.9 4.9' 5.7'	5.0' 9.4' 18.6 3.7' 8.4'	5.0' 5.7' 52.7 2.6' 3.9'	5.0' 3.5' 96.9 2.2' 2.5'			
	14.0' 21.1 5.0' 5.0'	14.0' 7.7' 13.7 5.8' 6.7'	6.0' 11.1' 12.9 4.5' 10.0'	6.0' 6.7' 36.6 3.2' 4.7'	6.0' 4.1' 67.3 2.6' 3.0'			
	16.0' 15.9 5.7' 5.7'	16.0' 8.8' 10.3 6.6' 7.7'	7.0' 12.8' 9.5 5.2' 11.7'	7.0' 7.7' 26.9 3.7' 5.4'	7.0' 4.6' 49.4 3.0' 3.5'			



LCALDJ2W-L07-B25-1CIN

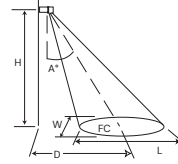
PHOTOMETRY

13101-SM7

700 lm, 40°, 3000K

D = Distance from ceiling to ground/wall
H = Distance to FC center of beam
FC = Footcandles

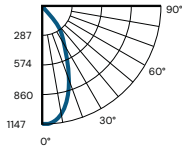
W = Beam width
L = Beam length



13101-W-SM7

System Power :	10.1W
Test Date :	8/29/2018
Beam Angle 50% : 47.6°	
Field Angle 10% :	83.3°
Color Temp. (CCT) :	3000K
CRI :	90
Lumens Delivered :	857
CBCP :	1146
Power Factor :	> 0.9

MULTIPLIERS	
LUMENS	
1000lm (-L09): 1.34	
700lm (-L07): 1.00	
CRI	CCT
90 CRI : 1.00	4000K : 1.02
97 CRI : 0.89	3500K : 1.01
	3000K : 1.00
	2700K : 0.96



13101-P12/P12A-SM7

13101-S-SM7

System Power :	10.1W
Test Date :	8/29/2018
Beam Angle 50% : 47.6°	
Field Angle 10% :	83.3°
Color Temp. (CCT) :	3000K
CRI :	90
Lumens Delivered :	857
CBCP :	1146
Power Factor :	> 0.9

MULTIPLIERS	
LUMENS	
1000lm (-L09): 1.34	
700lm (-L07): 1.00	
CRI	CCT
90 CRI : 1.00	4000K : 1.02
97 CRI : 0.89	3500K : 1.01
	3000K : 1.00
	2700K : 0.96

13101-P12-SM7

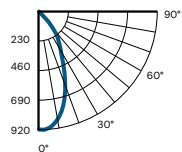
System Power :	10.1W
Test Date :	8/29/2018
Beam Angle 50% : 47.6°	
Field Angle 10% :	83.3°
Color Temp. (CCT) :	3000K
CRI :	90
Lumens Delivered :	857
CBCP :	1146
Power Factor :	> 0.9

MULTIPLIERS	
LUMENS	
1000lm (-L09): 1.34	
700lm (-L07): 1.00	
CRI	CCT
90 CRI : 1.00	4000K : 1.02
97 CRI : 0.89	3500K : 1.01
	3000K : 1.00
	2700K : 0.96

13101-H-SM7

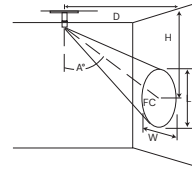
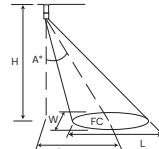
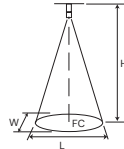
System Power :	11.1W
Test Date :	8/28/2018
Beam Angle 50% : 47.6°	
Field Angle 10% :	83.3°
Color Temp. (CCT) :	3000K
CRI :	90
Lumens Delivered :	687
CBCP :	918
Power Factor :	> 0.9

MULTIPLIERS	
CRI	CCT
90 CRI : 1.00	4000K : 1.07
	3500K : 1.07
	3000K : 1.00
	2700K : 0.93



LCALDJ2W-L07-1C1N

		Horizontal Angle																								
		A° = 5°		A° = 15°		A° = 30°		A° = 45°		A° = 60°																
Mounting		H	D	FC	W	L	H	D	FC	W	L	H	D	FC	W	L	H	D	FC	W	L					
Surface		8.0'	0.7	18.4	7.0	7.0'	8.0'	2.1	16.7	7.2	7.5'	8.0'	4.5	12.0	8.0	9.9'	8.0'	7.9	6.5	9.8	17.2'	8.0'	13.7	2.3	13.9	66.9'
Mount		9.0'	0.8	14.5	7.8	7.9'	9.0'	2.4	13.2	8.1	8.5'	9.0'	5.1	9.5	9.0	11.1'	9.0'	8.9	5.1	11.1	19.4'	9.0'	15.4	1.8	15.7	75.4'
(Wall)		10.0'	0.9	11.7	8.7	8.8'	10.0'	2.6	10.6	9.0	9.5'	10.0'	5.7	7.6	10.0	12.4'	10.0'	9.9	4.2	12.3	21.6'	10.0'	17.1	1.5	17.5	83.9'
(-40)		11.0'	0.9	9.6	9.6	9.7'	11.0'	2.9	8.8	9.9	10.4'	11.0'	6.3	6.3	11.1	13.7'	11.0'	10.9	3.4	13.6	23.8'	11.0'	18.9	1.2	19.2	92.3'
		12.0'	1.0	8.1	10.5	10.6'	12.0'	3.2	7.3	10.8	11.4'	12.0'	6.8	5.3	12.1	14.9'	12.0'	11.9	2.9	14.8	26.0'	12.0'	20.6	1.0	21.0	100.8'



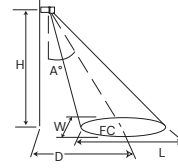
		Horizontal Angle																								
		No Tilt		A° = 30°		A° = 30°		A° = 45°		A° = 60°																
Mounting		H	F	C	W	L	H	D	FC	W	L	H	D	FC	W	L	H	D	FC	W	L	H	D	FC	W	L
Surface		4.0'		94.4	3.1	3.1'	4.0'	2.0	60.6	3.6	4.4'	2.0'	4.0	35.8	3.5	16.9'	2.0'	2.5	101.3	2.5	4.4'	2.0'	1.6	186.1	2.0	2.5
Mount		5.0'		57.0	4.0	4.0'	5.0'	2.6	36.7	4.6	5.7'	3.0'	5.7	15.9	5.3	25.4'	3.0'	3.5	45.0	3.7	6.6'	3.0'	2.2	82.7	3.1	3.8
(Ceiling)		6.0'		38.1	4.8	4.8'	6.0'	3.2	24.6	5.6	6.9'	4.0'	4.5	25.3	5.0	8.8'	4.0'	2.8	46.5	4.1	5.0'	4.0'	2.8	46.5	4.1	5.0'
(-40)		7.0'		27.3	5.7	5.7'	7.0'	3.8	17.6	6.6	8.2'	5.0'	9.2	5.7	8.8	42.4'	5.0'	5.5	16.2	6.2	11.0'	5.0'	3.3	29.8	5.1	6.3
		8.0'		20.5	6.6	6.6'	8.0'	4.3	13.2	7.6	9.4'	6.0'	10.9	4.0	10.6	50.8'	6.0'	6.5	11.3	7.5	13.1'	6.0'	3.9	20.7	6.1	7.5
12" Stem		8.0'		26.7	5.8	5.8'	8.0'	3.8	17.2	6.7	8.3'	3.0'	6.6	15.9	5.3	25.4'	3.0'	4.4	45.0	3.7	6.6'	3.0'	3.1	82.7	3.1	3.8
Pendant		9.0'		20.1	6.7	6.7'	9.0'	4.4	13.0	7.7	9.5'	4.0'	8.4	9.0	7.1	33.9'	4.0'	5.4	25.3	5.0	8.8'	4.0'	3.7	46.5	4.1	5.0'
(-STM12)		10.0'		15.7	7.5	7.5'	10.0'	4.9	10.1	8.7	10.8'	5.0'	10.1	5.7	8.8	42.4'	5.0'	6.4	16.2	6.2	11.0'	5.0'	4.3	29.8	5.1	6.3
		11.0'		12.6	8.4	8.4'	11.0'	5.5	8.1	9.7	12.0'	6.0'	11.8	4.0	10.6	50.8'	6.0'	7.4	11.3	7.5	13.1'	6.0'	4.8	20.7	6.1	7.5
		12.0'		10.3	9.3	9.3'	12.0'	6.1	6.7	10.8	13.3'	7.0'	13.6	2.9	12.3	59.3'	7.0'	8.4	8.3	8.7	15.3'	7.0'	5.4	15.2	7.1	8.8
12" Stem		8.0'		28.6	5.6	5.6'	8.0'	3.7	18.5	6.5	8.0'	3.0'	6.8	15.9	5.3	25.4'	3.0'	4.6	45.0	3.7	6.6'	3.0'	3.3	82.7	3.1	3.8
Pendant		9.0'		21.3	6.5	6.5'	9.0'	4.2	13.8	7.5	9.2'	4.0'	8.6	9.0	7.1	33.9'	4.0'	5.6	25.3	5.0	8.8'	4.0'	3.9	46.5	4.1	5.0'
Adjustable		10.0'		16.5	7.3	7.3'	10.0'	4.8	10.7	8.5	10.5'	5.0'	10.3	5.7	8.8	42.4'	5.0'	6.6	16.2	6.2	11.0'	5.0'	4.5	29.8	5.1	6.3
(-STM12J)		11.0'		13.2	8.2	8.2'	11.0'	5.4	8.5	9.5	11.8'	6.0'	12.0	4.0	10.6	50.8'	6.0'	7.6	11.3	7.5	13.1'	6.0'	5.1	20.7	6.1	7.5
		12.0'		10.7	9.1	9.1'	12.0'	6.0	6.9	10.5	13.0'	7.0'	13.8	2.9	12.3	59.3'	7.0'	8.6	8.3	8.7	15.3'	7.0'	5.6	15.2	7.1	8.8
Track		8.0'		17.1	6.5	6.5'	8.0'	4.2	11.0	7.5	9.2'	3.0'	5.8	12.8	5.3	25.4'	3.0'	3.6	36.1	3.7	6.6'	3.0'	2.3	66.3	3.1	3.8
(-1C1N, -2C2N, & -3C1N)		10.0'		10.5	8.2	8.2'	10.0'	5.4	6.8	9.5	11.8'	4.0'	7.6	7.2	7.1	33.9'	4.0'	4.6	20.3	5.0	8.8'	4.0'	2.9	37.3	4.1	5.0'
		12.0'		7.1	10.0	10.0'	12.0'	6.6	4.6	11.6	14.3'	5.0'	9.3	4.6	8.8	42.4'	5.0'	5.6	13.0	6.2	11.0'	5.0'	3.5	23.9	5.1	6.3
		14.0'		5.2	11.8	11.8'	14.0'	7.7	3.3	13.6	16.8'	6.0'	11.0	3.2	10.6	50.8'	6.0'	6.6	9.0	7.5	13.1'	6.0'	4.1	16.6	6.1	7.5
		16.0'		3.9	13.5	13.5'	16.0'	8.9	2.5	15.6	19.3'	7.0'	12.8	2.3	12.3	59.3'	7.0'	7.6	6.6	8.7	15.3'	7.0'	4.6	12.2	7.1	8.8

PHOTOMETRY

13101-SM7

700 lm, 60°, 3000K

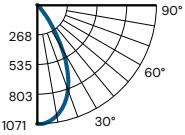
D = Distance from ceiling to ground/wall
 H = Distance to FC center of beam
 FC = Footcandles
 W = Beam width
 L = Beam length



13101-W-SM7

System Power :	10.1W
Test Date :	8/29/2018
Beam Angle 50% :	54.4°
Field Angle 10% :	82.3°
Color Temp. (CCT) :	3000K
CRI :	90
Lumens Delivered :	838.4
CBCP :	1070
Power Factor :	> 0.9

MULTIPLIERS	
LUMENS	
1000lm (-L09) :	1.34
700lm (-L07) :	1.00
CRI	CCT
90 CRI : 1.00	4000K : 1.02
97 CRI : 0.89	3500K : 1.01
	3000K : 1.00
	2700K : 0.96



13101-P12/P12A-SM7

13101-S-SM7

System Power :	10.1W
Test Date :	9/5/2018
Beam Angle 50% :	54.4°
Field Angle 10% :	82.3°
Color Temp. (CCT) :	3000K
CRI :	90
Lumens Delivered :	838.4
CBCP :	1070
Power Factor :	> 0.9

MULTIPLIERS	
LUMENS	
1000lm (L09) :	1.34
700lm (L07) :	1.00
CRI	CCT
90 CRI : 1.00	4000K : 1.02
97 CRI : 0.89	3500K : 1.01
	3000K : 1.00
	2700K : 0.96

13101-P12-SM7

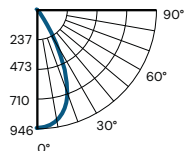
System Power :	10.1W
Test Date :	9/5/2018
Beam Angle 50% :	54.4°
Field Angle 10% :	82.3°
Color Temp. (CCT) :	3000K
CRI :	90
Lumens Delivered :	838.4
CBCP :	1070
Power Factor :	> 0.9

MULTIPLIERS	
LUMENS	
1000lm (L09) :	1.34
700lm (L07) :	1.00
CRI	CCT
90 CRI : 1.00	4000K : 1.02
97 CRI : 0.89	3500K : 1.01
	3000K : 1.00
	2700K : 0.96

13101-H-SM7

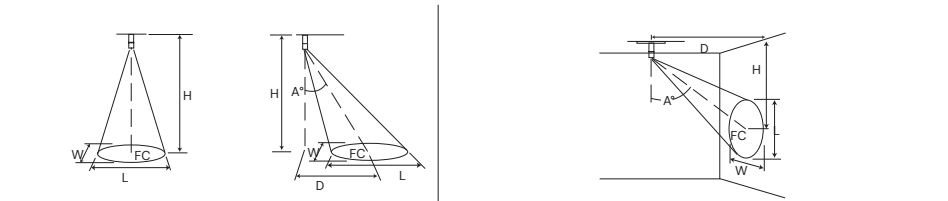
System Power :	11.1W
Test Date :	8/28/2018
Beam Angle 50% :	53.7°
Field Angle 10% :	78.0°
Color Temp. (CCT) :	3000K
CRI :	90
Lumens Delivered :	719.2
CBCP :	946
Power Factor :	> 0.9

MULTIPLIERS	
CRI	CCT
90 CRI : 1.00	4000K : 1.07
	3500K : 1.07
	3000K : 1.00
	2700K : 0.93



LCALDJ2W-L07-B60-IC1N

Mounting	Horizontal Angle																								
	A° = 5°					A° = 15°					A° = 30°					A° = 45°					A° = 60°				
	H	D	FC	W	L	H	D	FC	W	L	H	D	FC	W	L	H	D	FC	W	L	H	D	FC	W	L
Surface Mount (Wall) (-40)	6.0'	0.5'	30.9	6.0'	6.1'	6.0'	1.6'	28.1	6.2'	6.6'	6.0'	3.4'	20.2	7.0'	8.8'	6.0'	5.9'	11.0	8.5'	16.4'	6.0'	10.2'	3.8	12.1'	116.7'
	7.0'	0.6'	22.5	7.1'	7.1'	7.0'	1.8'	20.5	7.3'	7.7'	7.0'	4.0'	14.8	8.1'	10.3'	7.0'	6.9'	8.0	10.0'	19.2'	7.0'	11.9'	2.8	14.2'	136.6'
	8.0'	0.7'	17.1	8.1'	8.2'	8.0'	2.1'	15.6	8.4'	8.8'	8.0'	4.5'	11.2	9.3'	11.8'	8.0'	7.9'	6.1	11.1'	22.0'	8.0'	13.7'	2.1	16.2'	156.4'
	9.0'	0.8'	13.5	9.1'	9.2'	9.0'	2.4'	12.3	9.4'	9.9'	9.0'	5.1'	8.8	10.5'	13.3'	9.0'	8.9'	4.8	12.9'	24.8'	9.0'	15.4'	1.7	18.3'	176.2'
	10.0'	0.9'	10.9	10.2'	10.2'	10.0'	2.6'	9.9	10.5'	11.1'	10.0'	5.7'	7.1	11.7'	14.8'	10.0'	9.9'	3.9	14.4'	27.6'	10.0'	17.1'	1.4	20.3'	196.0'



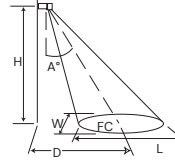
Mounting	Horizontal Angle										Vertical Angle (Fixture calculated at aiming point (90°) to horizontal surface)														
	No Tilt					A° = 30°					A° = 30°					A° = 45°					A° = 60°				
	H	F	CW	L	L	H	D	FC	W	L	H	D	FC	W	L	H	D	FC	W	L	H	D	FC	W	L
Surface Mount (Ceiling) (-40)	4.0'		88.1	3.6'	3.6'	4.0'	2.0'	56.5	4.2'	5.3'	2.0'	4.0'	33.4	4.1'	39.6'	2.0'	2.5'	94.6	2.9'	5.6'	2.0'	1.6'	173.7	2.4'	3.0'
	5.0'		53.2	4.6'	4.6'	5.0'	2.6	34.2	5.3'	6.8'	3.0'	5.7'	14.9	6.2'	59.4'	3.0'	3.5'	42.0	4.4'	8.4'	3.0'	2.2'	77.2	3.6'	4.5'
	6.0'		35.6	5.6'	5.6'	6.0'	3.2'	22.9	6.5'	8.3'	4.0'	7.4'	8.4	8.2'	79.2'	4.0'	4.5'	23.6	5.8'	11.2'	4.0'	2.8'	43.4	4.7'	6.0'
	7.0'		25.4	6.7'	6.7'	7.0'	3.8'	16.4	7.7'	9.8'	5.0'	9.2'	5.4	10.3'	99.0'	5.0'	5.5'	15.1	7.3'	14.0'	5.0'	3.3'	27.8	5.9'	7.5'
	8.0'		19.1	7.7'	7.7'	8.0'	4.3'	12.3	8.9'	11.3'	6.0'	10.9'	3.7	12.3'	118.8'	6.0'	6.5'	10.5	8.7'	16.8'	6.0'	3.9'	19.3	7.1'	9.0'
12" Stem Pendant (-STM12)	6.0'		51.7	4.7'	4.7'	6.0'	2.6'	33.3	5.4'	6.9'	3.0'	6.6'	14.9	6.2'	59.4'	3.0'	4.4'	42.0	4.4'	8.4'	3.0'	3.1'	77.2	3.6'	4.5'
	7.0'		34.7	5.7'	5.7'	7.0'	3.2	22.4	6.6'	8.4'	4.0'	8.4'	8.4	8.2'	79.2'	4.0'	5.4'	23.6	5.8'	11.2'	4.0'	3.7'	43.4	4.7'	6.0'
	8.0'		24.9	6.7'	6.7'	8.0'	3.8'	16.1	7.8'	9.9'	5.0'	10.1'	5.4	10.3'	99.0'	5.0'	6.4'	15.1	7.3'	14.0'	5.0'	4.3'	27.8	5.9'	7.5'
	9.0'		18.8	7.8'	7.8'	9.0'	4.4'	12.1	9.0'	11.4'	6.0'	11.8'	3.7	12.3'	118.8'	6.0'	7.4'	10.5	8.7'	16.8'	6.0'	4.8'	19.3	7.1'	9.0'
	10.0'		14.6	8.8'	8.8'	10.0'	4.9'	9.5	10.2'	12.9'	7.0'	13.6'	2.7	14.4'	138.6'	7.0'	8.4'	7.7	10.2'	19.6'	7.0'	5.4'	14.2	8.3'	10.5'
12" Stem Pendant Adjustable (-STM12J)	6.0'		57.1	4.5'	4.5'	6.0'	2.5'	36.7	5.2'	6.5'	3.0'	6.8'	14.9	6.2'	59.4'	3.0'	4.6'	42.0	4.4'	8.4'	3.0'	3.3'	77.2	3.6'	4.5'
	7.0'		37.7	5.5'	5.5'	7.0'	3.1	24.3	6.4'	8.0'	4.0'	8.6'	8.4	8.2'	79.2'	4.0'	5.6'	23.6	5.8'	11.2'	4.0'	3.9'	43.4	4.7'	6.0'
	8.0'		26.7	6.5'	6.5'	8.0'	3.7	17.2	7.5'	9.5'	5.0'	10.3'	5.4	10.3'	99.0'	5.0'	6.6'	15.1	7.3'	14.0'	5.0'	4.5'	27.8	5.9'	7.5'
	9.0'		19.9	7.5'	7.5'	9.0'	4.2'	12.9	8.7'	11.0'	6.0'	12.0'	3.7	12.3'	118.8'	6.0'	7.6'	10.5	8.7'	16.8'	6.0'	5.1'	19.3	7.1'	9.0'
	10.0'		15.4	8.6'	8.6'	10.0'	4.8'	10.0	9.9'	12.6'	7.0'	13.8'	2.7	14.4'	138.6'	7.0'	8.6'	7.7	10.2'	19.6'	7.0'	5.6'	14.2	8.3'	10.5'
Track (-IC1N, -2C2N, & -3C1N)	6.0'		33.3	5.4'	5.4'	6.0'	3.1'	21.5	6.3'	7.9'	3.0'	5.8'	13.1	6.1'	52.6'	3.0'	3.6'	37.2	4.3'	8.2'	3.0'	2.3'	68.3	3.5'	4.4'
	7.0'		23.6	6.4'	6.4'	7.0'	3.7	15.2	7.4'	9.4'	4.0'	7.6'	7.4	8.1'	70.1'	4.0'	4.6'	20.9	5.7'	10.9'	4.0'	2.9'	38.4	4.7'	5.9'
	8.0'		17.6	7.4'	7.4'	8.0'	4.2'	11.4	8.6'	10.8'	5.0'	9.3'	4.7	10.1'	87.6'	5.0'	5.6'	13.4	7.2'	13.6'	5.0'	3.5'	24.6	5.8'	7.4'
	9.0'		13.6	8.4'	8.4'	9.0'	4.8'	8.8	9.8'	12.3'	6.0'	11.0'	3.3	12.1'	105.1'	6.0'	6.6'	9.3	8.6'	16.3'	6.0'	4.1'	17.1	7.0'	8.9'
	10.0'		10.9	9.4'	9.4'	10.0'	5.4'	7.0	10.9'	13.8'	7.0'	12.8'	2.4	14.2'	122.6'	7.0'	7.6'	6.8	10.0'	19.1'	7.0'	4.6'	12.5	8.2'	10.3'

PHOTOMETRY

13101-LG25

2500 lm, 15°, 3000K

D = Distance from ceiling to ground/wall
 H = Distance to FC center of beam
 FC = Footcandles
 W = Beam width
 L = Beam length

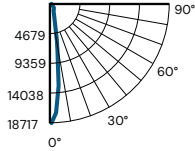


13101-W-LG25

System Power :	30.0W
Test Date :	8/31/2018
Beam Angle 50% :	13.9°
Field Angle 10% :	27.4°
Color Temp. (CCT) :	3000K
CRI :	90
Lumens Delivered :	2341.3
CBCP :	18717
Power Factor :	> 0.9

MULTIPLIERS	
LUMENS	
3500lm (-L35) : 1.41	
2500lm (-L25) : 1.00	
CRI	CCT
90 CRI : 1.00	4000K : 1.02
97 CRI : 0.89	3500K : 1.01
	3000K : 1.00
	2700K : 0.96

Mounting		Horizontal Angle																							
		A° = 5°		A° = 15°		A° = 30°		A° = 45°		A° = 60°															
H	D	FC	W	L	H	D	FC	W	L	D	H	FC	W	L	D	H	FC	W	L						
Surface Mount (-40)	10.0'	0.8'	196.3	2.4'	2.4'	10.0'	2.6'	178.8	2.5'	2.5'	10.0'	5.6'	128.4	2.7'	3.2'	10.0'	9.8'	69.3	3.4'	4.8'	10.0'	17.0'	24.3	4.8'	10.0'
	12.0'	1.0'	135.0	2.9'	2.9'	12.0'	3.1'	122.9	3.0'	3.1'	12.0'	6.8'	88.4	3.3'	3.8'	12.0'	11.8'	47.8	4.1'	5.8'	12.0'	20.5'	16.8	5.8'	12.1'
	14.0'	1.2'	98.5	3.4'	3.4'	14.0'	3.7'	89.7	3.5'	3.6'	14.0'	7.9'	64.5	3.9'	4.5'	14.0'	13.8'	34.9	4.7'	6.8'	14.0'	23.9'	12.3	6.7'	14.1'
	16.0'	1.4'	75.0	3.8'	3.9'	16.0'	4.2'	68.3	4.0'	4.1'	16.0'	9.1'	49.1	4.4'	5.1'	16.0'	15.8'	26.6	5.4'	7.8'	16.0'	27.4'	9.4	7.7'	16.1'
	18.0'	1.5'	59.0	4.3'	4.4'	18.0'	4.7'	53.8	4.5'	4.6'	18.0'	10.2'	38.7	5.0'	5.8'	18.0'	17.8'	21.0	6.1'	8.8'	18.0'	30.9'	7.4	8.7'	18.2'

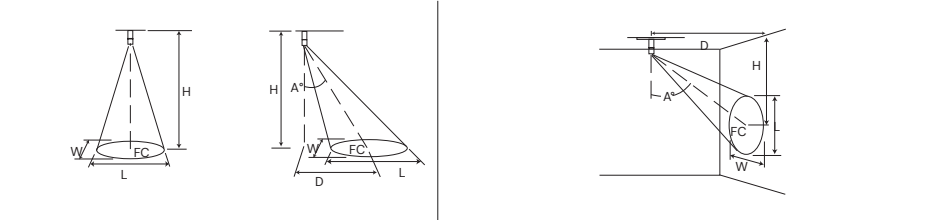


13101-P12/P12A-LG25

13101-S-LG25

System Power :	30.0W
Test Date :	8/31/2018
Beam Angle 50% :	13.9°
Field Angle 10% :	27.4°
Color Temp. (CCT) :	3000K
CRI :	90
Lumens Delivered :	2341.3
CBCP :	18717
Power Factor :	> 0.9

MULTIPLIERS	
LUMENS	
3500lm (-L35) : 1.41	
2500lm (-L25) : 1.00	
CRI	CCT
90 CRI : 1.00	4000K : 1.03
97 CRI : 0.89	3500K : 1.02
	3000K : 1.00
	2700K : 0.96



Mounting		Horizontal Angle					Vertical Angle (Fixture calculated at aiming point (90°) to horizontal surface)																	
		No Tilt		A° = 30°		A° = 30°		A° = 45°		A° = 60°														
H	F	CW	L	H	D	FC	W	L	H	D	FC	W	L	H	D	FC	W	L						
Surface Mount (Ceiling) (-40)	10.0'	220.0	2.2'	2.2'	10.0'	5.3'	141.8	2.6'	3.0'	8.0'	14.6'	36.6	3.9'	8.2'	8.0'	8.7'	103.4	2.8'	4.0'	8.0'	5.3'	190.0	2.3'	2.6'
	12.0'	148.6	2.7'	2.7'	12.0'	6.5'	95.9	3.2'	3.7'	9.0'	16.3'	28.9	4.4'	9.2'	9.0'	9.7'	81.7	3.1'	4.5'	9.0'	5.9'	150.1	2.5'	2.9'
	14.0'	107.0	3.2'	3.2'	14.0'	7.7'	69.1	3.7'	4.3'	10.0'	18.1'	23.4	4.9'	10.2'	10.0'	10.7'	66.2	3.4'	4.9'	10.0'	6.4'	121.6	2.8'	3.3'
	16.0'	80.8	3.7'	3.7'	16.0'	8.8'	52.2	4.3'	5.0'	11.0'	19.8'	19.3	5.4'	11.2'	11.0'	12.9'	54.7	3.8'	5.4'	11.0'	7.0'	100.5	3.1'	3.6'
	18.0'	63.1	4.2'	4.2'	18.0'	10.0'	40.8	4.9'	5.6'	12.0'	21.5'	16.2	5.9'	12.2'	12.0'	12.7'	46.0	4.1'	5.9'	12.0'	7.6'	84.4	3.4'	3.9'
12" Stem Pendant (-STM12)	10.0'	273.1	2.0'	2.0'	10.0'	4.8'	175.8	2.3'	2.7'	8.0'	15.5'	36.6	3.9'	8.2'	8.0'	9.6'	103.4	2.8'	4.0'	8.0'	6.2'	190.0	2.3'	2.6'
	12.0'	177.2	2.5'	2.5'	12.0'	6.0'	114.3	2.9'	3.4'	9.0'	17.3'	28.9	4.4'	9.2'	9.0'	10.6'	81.7	3.1'	4.5'	9.0'	6.8'	150.1	2.5'	2.9'
	14.0'	124.2	3.0'	3.0'	14.0'	7.1'	80.2	3.5'	4.0'	10.0'	19.0'	23.4	4.9'	10.2'	10.0'	11.6'	66.2	3.4'	4.9'	10.0'	7.4'	121.6	2.8'	3.3'
	16.0'	91.8	3.5'	3.5'	16.0'	8.3'	59.3	4.0'	4.7'	11.0'	20.7'	19.3	5.4'	11.2'	11.0'	12.6'	54.7	3.8'	5.4'	11.0'	8.0'	100.5	3.1'	3.6'
	18.0'	70.6	4.0'	4.0'	18.0'	9.4'	45.7	4.6'	5.3'	12.0'	22.5'	16.2	5.9'	12.2'	12.0'	13.6'	46.0	4.1'	5.9'	12.0'	8.5'	84.4	3.4'	3.9'
12" Stem Pendant Adjustable (-STM12J)	10.0'	287.1	2.0'	2.0'	10.0'	4.7'	185.2	2.3'	2.6'	8.0'	15.8'	36.6	3.9'	8.2'	8.0'	9.9'	103.4	2.8'	4.0'	8.0'	6.4'	190.0	2.3'	2.6'
	12.0'	184.4	2.5'	2.5'	12.0'	5.8'	119.1	2.8'	3.3'	9.0'	17.5'	28.9	4.4'	9.2'	9.0'	10.9'	81.7	3.1'	4.5'	9.0'	7.0'	150.1	2.5'	2.9'
	14.0'	128.4	2.9'	2.9'	14.0'	7.0'	83.0	3.4'	4.0'	10.0'	19.2'	23.4	4.9'	10.2'	10.0'	11.9'	66.2	3.4'	4.9'	10.0'	7.6'	121.6	2.8'	3.3'
	16.0'	94.5	3.4'	3.4'	16.0'	8.1'	61.1	4.0'	4.6'	11.0'	21.0'	19.3	5.4'	11.2'	11.0'	12.9'	54.7	3.8'	5.4'	11.0'	8.2'	100.5	3.1'	3.6'
	18.0'	72.4	3.9'	3.9'	18.0'	9.3'	46.9	4.5'	5.3'	12.0'	22.7'	16.2	5.9'	12.2'	12.0'	13.9'	46.0	4.1'	5.9'	12.0'	8.7'	84.4	3.4'	3.9'
Track (-1C1N, -2C2N, & -3C1N)	10.0'	228.1	2.2'	2.2'	10.0'	5.3'	146.7	2.6'	3.0'	8.0'	14.8'	36.6	3.9'	8.2'	8.0'	8.9'	103.4	2.8'	4.0'	8.0'	5.4'	190.0	2.3'	1.0'
	12.0'	153.1	2.7'	2.7'	12.0'	6.4'	98.6	3.1'	3.6'	9.0'	16.5'	28.9	4.4'	9.2'	9.0'	9.9'	81.7	3.1'	4.5'	9.0'	6.0'	150.1	2.5'	1.4'
	14.0'	109.8	3.2'	3.2'	14.0'	7.6'	70.8	3.7'	4.3'	10.0'	18.2'	23.4	4.9'	10.2'	10.0'	10.9'	66.2	3.4'	4.9'	10.0'	6.6'	121.6	2.8'	1.7'
	16.0'	82.6	3.7'	3.7'	16.0'	8.7'	53.3	4.3'	4.9'	11.0'	19.9'	19.3	5.4'	11.2'	11.0'	11.9'	54.7	3.8'	5.4'	11.0'	7.1'	100.5	3.1'	2.1'
	18.0'	64.3	4.2'	4.2'	18.0'	9.9'	41.6	4.8'	5.6'	12.0'	21.7'	16.2	5.9'	12.2'	12.0'	12.9'	46.0	4.1'	5.9'	12.0'	7.7'	84.4	3.4'	2.4'

13101-H-LG25

System Power :	30.0W
Test Date :	8/31/2018
Beam Angle 50% :	13.9°
Field Angle 10% :	27.4°
Color Temp. (CCT) :	3000K
CRI :	90
Lumens Delivered :	2341.3
CBCP :	18717
Power Factor :	> 0.9

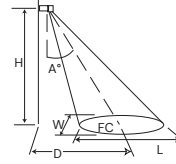
MULTIPLIERS	
LUMENS	
3500lm (-L35) : 1.41	
2500lm (-L25) : 1.00	
CRI	CCT
90 CRI : 1.00	4000K : 1.03
97 CRI : 0.89	3500K : 1.02
	3000K : 1.00
	2700K : 0.96

PHOTOMETRY

13101-LG25

2500 lm, 25°, 3000K

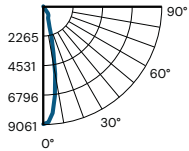
D = Distance from ceiling to ground/wall
 H = Distance to FC center of beam
 FC = Footcandles
 W = Beam width
 L = Beam length



13101-W-LG25

System Power :	30.0W
Test Date :	8/31/2018
Beam Angle 50% :	22.3°
Field Angle 10% :	50.9°
Color Temp. (CCT) :	3000K
CRI :	90
Lumens Delivered :	2330.4
CBCP :	9061
Power Factor :	> 0.9

MULTIPLIERS	
LUMENS	
3500lm (-L35) :	1.41
2500lm (-L25) :	1.00
CRI	CCT
90 CRI : 1.00	4000K : 1.02
97 CRI : 0.89	3500K : 1.01
	3000K : 1.00
	2700K : 0.96

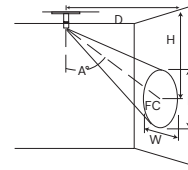
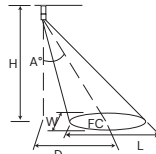
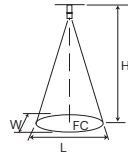


13101-P12/P12A-LG25

13101-S-LG25

System Power :	30.0W
Test Date :	8/31/2018
Beam Angle 50% :	22.3°
Field Angle 10% :	50.9°
Color Temp. (CCT) :	3000K
CRI :	90
Lumens Delivered :	2330.4
CBCP :	9061
Power Factor :	> 0.9

MULTIPLIERS	
LUMENS	
3500lm (-L35) :	1.41
2500lm (-L25) :	1.00
CRI	CCT
90 CRI : 1.00	4000K : 1.02
97 CRI : 0.89	3500K : 1.01
	3000K : 1.00
	2700K : 0.96



13101-P12-LG25

System Power :	30.0W
Test Date :	8/31/2018
Beam Angle 50% :	22.3°
Field Angle 10% :	50.9°
Color Temp. (CCT) :	3000K
CRI :	90
Lumens Delivered :	2330.4
CBCP :	9061
Power Factor :	> 0.9

MULTIPLIERS	
LUMENS	
3500lm (L35) :	1.41
2500lm (L25) :	1.00
CRI	CCT
90 CRI : 1.00	4000K : 1.02
97 CRI : 0.89	3500K : 1.01
	3000K : 1.00
	2700K : 0.96

13101-H-LG25

System Power :	30.0W
Test Date :	8/31/2018
Beam Angle 50% :	22.3°
Field Angle 10% :	50.9°
Color Temp. (CCT) :	3000K
CRI :	90
Lumens Delivered :	2330.4
CBCP :	9061
Power Factor :	> 0.9

MULTIPLIERS	
LUMENS	
3500lm (-L35) :	1.41
2500lm (-L25) :	1.00
CRI	CCT
90 CRI : 1.00	4000K : 1.02
97 CRI : 0.89	3500K : 1.01
	3000K : 1.00
	2700K : 0.96

Mounting	Horizontal Angle																								
	A° = 5°			A° = 15°			A° = 30°			A° = 45°			A° = 60°												
	H	D	FC	W	L	H	D	FC	W	L	H	D	FC	W	L										
Surface Mount (Wall) (-40)	6.0'	0.5'	274.9	2.3'	2.3'	6.0'	1.5'	250.2	2.3'	2.4'	6.0'	3.3'	179.3	2.6'	3.1'	6.0'	5.8'	96.2	3.2'	4.7'	6.0'	10.1'	33.5	4.6'	10.4'
	8.0'	0.7'	150.8	3.1'	3.1'	8.0'	2.1'	137.3	3.1'	3.3'	8.0'	4.5'	98.5	3.5'	4.1'	8.0'	7.8'	53.1	4.3'	6.4'	8.0'	13.5'	18.6	6.2'	13.9'
	10.0'	0.8'	95.0	3.8'	3.9'	10.0'	2.6'	86.6	4.0'	4.1'	10.0'	5.6'	62.2	4.4'	5.2'	10.0'	9.8'	33.6	5.4'	8.0'	10.0'	17.0'	11.8	7.7'	17.5'
	12.0'	1.0'	65.3	4.6'	4.7'	12.0'	3.1'	59.5	4.8'	5.0'	12.0'	6.8'	42.8	5.3'	6.2'	12.0'	11.8'	23.1	6.6'	9.7'	12.0'	20.5'	8.1	9.3'	21.1'
	14.0'	1.2'	47.7	5.4'	5.4'	14.0'	3.7'	43.4	5.6'	5.8'	14.0'	7.9'	31.2	6.2'	7.3'	14.0'	13.8'	16.9	7.7'	11.3'	14.0'	23.9'	5.9	10.9'	24.7'

Mounting	Horizontal Angle										Vertical Angle (Fixture calculated at aiming point (90°) to horizontal surface)														
	No Tilt					A° = 30°					A° = 30°					A° = 45°					A° = 60°				
	H	F	CW	L	H	D	FC	W	L	H	D	FC	W	L	H	D	FC	W	L	H	D	FC	W	L	
Surface Mount (Ceiling) (-40)	6.0'		332.1	2.1'	2.1'	6.0'	3.0'	212.7	2.4'	2.8'	5.0'	9.4'	45.3	3.9'	8.9'	5.0'	5.7'	128.1	2.8'	4.1'	5.0'	3.5'	235.4	2.3'	2.7'
	8.0'		173.7	2.8'	2.8'	8.0'	4.2'	111.6	3.3'	3.9'	6.0'	11.1'	31.5	4.7'	10.7'	6.0'	6.7'	89.0	3.3'	4.9'	6.0'	4.1'	163.5	2.7'	3.2'
	10.0'		106.5	3.6'	3.6'	10.0'	5.3'	68.6	4.2'	4.9'	7.0'	12.9'	23.1	5.5'	12.5'	7.0'	7.7'	65.4	3.9'	5.7'	7.0'	4.7'	120.1	3.2'	3.7'
	12.0'		71.9	4.4'	4.4'	12.0'	6.5'	46.4	5.1'	6.0'	8.0'	14.6'	17.7	6.3'	14.3'	8.0'	8.7'	50.1	4.5'	6.6'	8.0'	5.3'	92.0	3.6'	4.3'
	14.0'		51.8	5.2'	5.2'	14.0'	7.7'	33.5	6.0'	7.1'	9.0'	16.3'	14.0	7.1'	16.1'	9.0'	9.7'	39.5	5.0'	7.4'	9.0'	5.9'	72.7	4.1'	4.8'

12" Stem Pendant (-STM12)	6.0'	495.1	1.7'	1.7'	6.0'	2.5'	316.1	2.0'	2.3'	5.0'	10.3'	45.3	3.9'	8.9'	5.0'	6.6'	128.1	2.8'	4.1'	5.0'	4.5'	235.4	2.3'	2.7'
	8.0'	229.9	2.5'	2.5'	8.0'	3.6'	147.6	2.9'	3.4'	6.0'	12.1'	31.5	4.7'	10.7'	6.0'	7.6'	89.0	3.3'	4.9'	6.0'	5.1'	163.5	2.7'	3.2'
	10.0'	132.2	3.3'	3.3'	10.0'	4.8'	85.1	3.8'	4.4'	7.0'	13.8'	23.1	5.5'	12.5'	7.0'	8.6'	65.4	3.9'	5.7'	7.0'	5.6'	120.1	3.2'	3.7'
	12.0'	85.8	4.1'	4.1'	12.0'	6.0'	55.3	4.7'	5.5'	8.0'	15.5'	17.7	6.3'	14.3'	8.0'	9.6'	50.1	4.5'	6.6'	8.0'	6.2'	92.0	3.6'	4.3'
	14.0'	60.1	4.8'	4.8'	14.0'	7.1'	38.8	5.6'	6.6'	9.0'	17.3'	14.0	7.1'	16.1'	9.0'	10.6'	39.5	5.0'	7.4'	9.0'	6.8'	72.7	4.1'	4.8'
12" Stem Pendant Adjustable (-STM12J)	6.0'	545.8	1.6'	1.6'	6.0'	2.4'	349.9	1.9'	2.2'	5.0'	10.6'	45.3	3.9'	8.9'	5.0'	6.9'	128.1	2.8'	4.1'	5.0'	4.7'	235.4	2.3'	2.7'
	8.0'	245.6	2.4'	2.4'	8.0'	3.5'	158.1	2.8'	3.2'	6.0'	12.3'	31.5	4.7'	10.7'	6.0'	7.9'	89.0	3.3'	4.9'	6.0'	5.3'	163.5	2.7'	3.2'
	10.0'	139.0	3.2'	3.2'	10.0'	4.7'	89.7	3.7'	4.3'	7.0'	14.0'	23.1	5.5'	12.5'	7.0'	8.9'	65.4	3.9'	5.7'	7.0'	5.9'	120.1	3.2'	3.7'
	12.0'	89.3	4.0'	4.0'	12.0'	5.8'	57.7	4.6'	5.4'	8.0'	15.8'	17.7	6.3'	14.3'	8.0'	9.9'	50.1	4.5'	6.6'	8.0'	6.4'	92.0	3.6'	4.3'
	14.0'	62.1	4.8'	4.8'	14.0'	7.0'	40.2	5.5'	6.4'	9.0'	17.5'	14.0	7.1'	16.1'	9.0'	10.9'	39.5	5.0'	7.4'	9.0'	7.0'	72.7	4.1'	4.8'

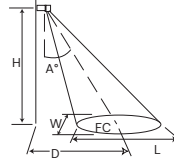
Track (-1C1N, -2C2N, & -3C1N)	6.0'	354.2	2.0'	2.0'	6.0'	2.9'	225.9	2.3'	2.7'	5.0'	9.6'	45.3	3.9'	8.9'	5.0'	5.9'	128.1	2.8'	4.1'	5.0'	3.7'	235.4	2.3'	2.7'
	8.0'	181.9	2.8'	2.8'	8.0'	4.1'	116.6	3.2'	3.8'	6.0'	11.3'	31.5	4.7'	10.7'	6.0'	6.9'	89.0	3.3'	4.9'	6.0'	4.3'	163.5	2.7'	3.2'
	10.0'	110.4	3.6'	3.6'	10.0'	5.3'	71.0	4.1'	4.8'	7.0'	13.0'	23.1	5.5'	12.5'	7.0'	7.9'	65.4	3.9'	5.7'	7.0'	4.8'	120.1	3.2'	3.7'
	12.0'	74.1	4.4'	4.4'	12.0'	6.4'	47.7	5.1'	5.9'	8.0'	14.8'	17.7	6.3'	14.3'	8.0'	8.9'	50.1	4.5'	6.6'	8.0'	5.4'	92.0	3.6'	4.3'
	14.0'	53.1	5.1'	5.1'	14.0'	7.6'	34.3	6.0'	7.0'	9.0'	16.5'	14.0	7.1'	16.1'	9.0'	9.9'	39.5	5.0'	7.4'	9.0'	6.0'	72.7	4.1'	4.8'

PHOTOMETRY

13101-LG25

2500 lm, 45°, 3000K

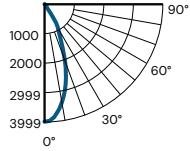
D = Distance from ceiling to ground/wall
 H = Distance to FC center of beam
 FC = Footcandles
 W = Beam width
 L = Beam length



13101-W-LG25

System Power :	30.0W
Test Date :	8/31/2018
Beam Angle 50% :	40.9°
Field Angle 10% :	71.3°
Color Temp. (CCT) :	3000K
CRI :	90
Lumens Delivered :	2286
CBCP :	3999
Power Factor :	> 0.9

MULTIPLIERS	
LUMENS	
3500lm (-L25):	1.41
2500lm (-L25):	1.00
CRI	CCT
90 CRI : 1.00	4000K : 1.02
97 CRI : 0.89	3500K : 1.01
	3000K : 1.00
	2700K : 0.96



13101-P12/P12A-LG25

13101-S-LG25

System Power :	30.0W
Test Date :	8/31/2018
Beam Angle 50% :	40.9°
Field Angle 10% :	71.3°
Color Temp. (CCT) :	3000K
CRI :	90
Lumens Delivered :	2286
CBCP :	3999
Power Factor :	> 0.9

MULTIPLIERS	
LUMENS	
3500lm (-L35):	1.41
2500lm (-L25):	1.00
CRI	CCT
90 CRI : 1.00	4000K : 1.02
97 CRI : 0.89	3500K : 1.01
	3000K : 1.00
	2700K : 0.96

13101-P12-LG25

System Power :	30.0W
Test Date :	8/31/2018
Beam Angle 50% :	40.9°
Field Angle 10% :	71.3°
Color Temp. (CCT) :	3000K
CRI :	90
Lumens Delivered :	2286
CBCP :	3999
Power Factor :	> 0.9

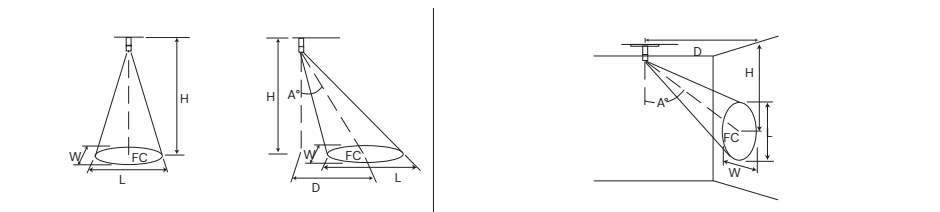
MULTIPLIERS	
LUMENS	
3500lm (-L35):	1.41
2500lm (-L25):	1.00
CRI	CCT
90 CRI : 1.00	4000K : 1.02
97 CRI : 0.89	3500K : 1.01
	3000K : 1.00
	2700K : 0.96

13101-H-LG25

System Power :	30.0W
Test Date :	8/31/2018
Beam Angle 50% :	40.9°
Field Angle 10% :	71.3°
Color Temp. (CCT) :	3000K
CRI :	90
Lumens Delivered :	2286
CBCP :	3999
Power Factor :	> 0.9

MULTIPLIERS	
LUMENS	
3500lm (-L35):	1.41
2500lm (-L25):	1.00
CRI	CCT
90 CRI : 1.00	4000K : 1.02
97 CRI : 0.89	3500K : 1.01
	3000K : 1.00
	2700K : 0.96

Mounting	Horizontal Angle																		
	A° = 5°				A° = 15°				A° = 30°				A° = 45°				A° = 60°		
H	D	FC	W L	H	D	FC	W L	H	D	FC	W L	H	D	FC	W L	H	D	FC	W L
Surface Mount (Wall) (-40)	8.0'	0.7'	66.5	5.8' 5.8'	8.0'	2.1'	60.6	6.0' 6.2'	8.0'	4.5'	43.5	6.7' 8.1'	8.0'	7.8'	23.4	8.2' 13.5'	8.0'	13.5'	8.2' 11.7' 40.0'
	9.0'	0.8'	52.1	6.5' 6.6'	9.0'	2.3'	47.5	6.7' 7.0'	9.0'	5.0'	34.1	7.5' 9.1'	9.0'	8.8'	18.4	9.3' 15.2'	9.0'	15.3'	6.4' 13.1' 45.1'
	10.0'	0.8'	41.9	7.3' 7.3'	10.0'	2.6'	38.2	7.5' 7.8'	10.0'	5.6'	27.4	8.4' 10.1'	10.0'	9.8'	14.8	10.3' 16.9'	10.0'	17.0'	5.2' 14.6' 50.2'
	11.0'	0.9'	34.5	8.0' 8.1'	11.0'	2.9'	31.4	8.3' 8.6'	11.0'	6.2'	22.6	9.2' 11.2'	11.0'	10.8'	12.2	11.4' 18.7'	11.0'	18.7'	4.3' 16.1' 55.3'
12.0'	1.0'	28.8	8.8' 8.8'	12.0'	3.1'	26.3	9.0' 9.5'	12.0'	6.8'	18.9	10.1' 12.2'	12.0'	11.8'	10.2	12.4' 20.4'	12.0'	20.5'	3.6' 17.6' 60.5'	



Mounting	Horizontal Angle								Vertical Angle (Fixture calculated at aiming point (90°) to horizontal surface)											
	No Tilt				A° = 30°				A° = 30°				A° = 45°				A° = 60°			
H	F	CW	L	H	D	FC	W L	H	D	FC	W L	H	D	FC	W L	H	D	FC	W L	
Surface Mount (Ceiling) (-40)	8.0'		76.6	5.4' 5.4'	8.0'	4.2'	49.3	6.3' 7.6'	3.0'	5.9'	55.5	4.5' 15.4'	3.0'	3.7'	157.1	3.2' 5.2'	3.0'	2.4'	288.6	2.6' 3.1'
	9.0'		59.1	6.1' 6.1'	9.0'	4.8'	38.1	7.1' 8.6'	4.0'	7.7'	31.2	6.0' 20.5'	4.0'	4.7'	88.4	4.2' 6.9'	4.0'	3.0'	162.3	3.4' 4.2'
	10.0'		47.0	6.9' 6.9'	10.0'	5.3'	30.3	8.0' 9.7'	5.0'	9.4'	20.0	7.5' 25.6'	5.0'	5.7'	56.6	5.3' 8.7'	5.0'	3.5'	103.9	4.3' 5.2'
	11.0'		38.3	7.6' 7.6'	11.0'	5.9'	24.7	8.8' 10.7'	6.0'	11.1'	13.9	8.9' 30.7'	6.0'	6.7'	39.3	6.3' 10.4'	6.0'	4.1'	72.2	5.2' 6.3'
12.0'		31.7	8.4' 8.4'	12.0'	6.5'	20.5	9.7' 11.7'	7.0'	12.9'	10.2	10.4' 35.8'	7.0'	7.7'	28.9	7.4' 12.1'	7.0'	4.7'	53.0	6.0' 7.3'	
12" Stem Pendant (-STM12)	8.0'		101.5	4.7' 4.7'	8.0'	3.6'	65.1	5.4' 6.6'	3.0'	6.9'	55.5	4.5' 15.4'	3.0'	4.6'	157.1	3.2' 5.2'	3.0'	3.3'	288.6	2.6' 3.1'
	9.0'		75.5	5.4' 5.4'	9.0'	4.2'	48.5	6.3' 7.6'	4.0'	8.6'	31.2	6.0' 20.5'	4.0'	5.6'	88.4	4.2' 6.9'	4.0'	3.9'	162.3	3.4' 4.2'
	10.0'		58.4	6.2' 6.2'	10.0'	4.8'	37.6	7.2' 8.7'	5.0'	10.3'	20.0	7.5' 25.6'	5.0'	6.6'	56.6	5.3' 8.7'	5.0'	4.5'	103.9	4.3' 5.2'
	11.0'		46.5	6.9' 6.9'	11.0'	5.4'	29.9	8.0' 9.7'	6.0'	12.1'	13.9	8.9' 30.7'	6.0'	7.6'	39.3	6.3' 10.4'	6.0'	5.1'	72.2	5.2' 6.3'
12.0'		37.9	7.7' 7.7'	12.0'	6.0'	24.4	8.9' 10.8'	7.0'	13.8'	10.2	10.4' 35.8'	7.0'	8.6'	28.9	7.4' 12.1'	7.0'	5.6'	53.0	6.0' 7.3'	
12" Stem Pendant Adjustable (-STM12J)	8.0'		108.4	4.5' 4.5'	8.0'	3.5'	69.8	5.3' 6.4'	3.0'	7.1'	55.5	4.5' 15.4'	3.0'	4.9'	157.1	3.2' 5.2'	3.0'	3.5'	288.6	2.6' 3.1'
	9.0'		79.9	5.3' 5.3'	9.0'	4.1'	51.5	6.1' 7.4'	4.0'	8.8'	31.2	6.0' 20.5'	4.0'	5.9'	88.4	4.2' 6.9'	4.0'	4.1'	162.3	3.4' 4.2'
	10.0'		61.3	6.0' 6.0'	10.0'	4.7'	39.6	7.0' 8.4'	5.0'	10.6'	20.0	7.5' 25.6'	5.0'	6.9'	56.6	5.3' 8.7'	5.0'	4.7'	103.9	4.3' 5.2'
	11.0'		48.6	6.8' 6.8'	11.0'	5.3'	31.4	7.8' 9.5'	6.0'	12.3'	13.9	8.9' 30.7'	6.0'	7.9'	39.3	6.3' 10.4'	6.0'	5.3'	72.2	5.2' 6.3'
12.0'		39.4	7.5' 7.5'	12.0'	5.8'	25.5	8.7' 10.5'	7.0'	14.0'	10.2	10.4' 35.8'	7.0'	8.9'	28.9	7.4' 12.1'	7.0'	5.9'	53.0	6.0' 7.3'	
Track (-1C1N, -2C2N, & -3C1N)	8.0'		80.3	5.3' 5.3'	8.0'	4.1'	51.5	6.1' 7.4'	3.0'	6.1'	55.5	4.5' 15.4'	3.0'	3.9'	157.1	3.2' 5.2'	3.0'	2.5'	288.6	2.6' 3.1'
	9.0'		61.6	6.0' 6.0'	9.0'	4.7'	39.5	7.0' 8.5'	4.0'	7.8'	31.2	6.0' 20.5'	4.0'	4.9'	88.4	4.2' 6.9'	4.0'	3.1'	162.3	3.4' 4.2'
	10.0'		48.7	6.8' 6.8'	10.0'	5.3'	31.3	7.8' 9.5'	5.0'	9.6'	20.0	7.5' 25.6'	5.0'	5.9'	56.6	5.3' 8.7'	5.0'	3.7'	103.9	4.3' 5.2'
	11.0'		39.5	7.5' 7.5'	11.0'	5.8'	25.4	8.7' 10.5'	6.0'	11.3'	13.9	8.9' 30.7'	6.0'	6.9'	39.3	6.3' 10.4'	6.0'	4.3'	72.2	5.2' 6.3'
12.0'		32.7	8.2' 8.2'	12.0'	6.4'	21.1	9.6' 11.6'	7.0'	13.0'	10.2	10.4' 35.8'	7.0'	7.9'	28.9	7.4' 12.1'	7.0'	4.8'	53.0	6.0' 7.3'	

COLOR TEMPERATURE GUIDE

2700K	3000K	3500K	4000K	5000K
WARM WHITE	SOFT WHITE GLOW	NEUTRAL GLOW	COOL WHITE GLOW	DAYLIGHT GLOW
friendly personal intimate	soft warm pleasing	sociable inviting non-threatening	neat clean efficient	bright cool alert
HOMES LIBRARIES RESTAURANTS	HOMES HOTEL ROOMS LOBBIES RETAIL STORES	EXECUTIVE OFFICES RECEPTION AREAS SUPERMARKETS	OFFICES CLASSROOMS MASS MERCHANTISERS SHOWROOMS	GRAPHICS INDUSTRY HOSPITALS GALLERIES BEAUTY SALONS
✓	✓	✗	✓	✗