



Shown left-to-right: (BB) Big Bell, (SB) Small Bell, (BC) Big Cone, (SC) Small Cone, (BD) Big Dome, (SD) Small Dome.

Project _____

Type _____

Notes _____



Also available as a Track Decorative, please refer to [TDPL.SPEC spec sheet](#)

● PERFORMANCE PER UNIT AT 3500K

LAMPSHADE TYPE	LAMPSHADE FINISH	TOTAL LUMEN OUTPUT (lm/unit)	INPUT WATTS (W/unit)	EFFICACY (lm/W)
Big bell (BB)	White	848	12.54	68
Small bell (SB)	Black	404	13.8	29
Big cone (BC)	Black	441	12.51	35
Small cone (SC)	White	915	12.47	73
Big dome (BD)	White	864	12.59	69
Small dome (SD)	White	1066	12.5	85

Ordering Guide

PL		TOTAL LUMENS		CRI	COLOR TEMP.	LAMPSHADE TYPE	LAMPSHADE FINISH	VOLTAGE
PL Pendant Lampshade	FIX	fixed output*	90	90 CRI	27 2700 K	BB big bell SB small bell BC big cone SC small cone BD big dome SD small dome	BLK black W white C custom	120 120 V
					30 3000 K			277 277 V
					35 3500 K			UNV universal
								347 347 V*
		*See performance table						* Not available with DP driver. CLAR mounting only.

DRIVER	MOUNTING	MOUNTING CANOPY FINISH	CABLE COLOR
DP dimming (0-10V or TRIAC) 1% * LT(LDE1) Lutron Hi-lume 1% EcoSystem (remote)** O(DALI) DALI (remote)**	CLA(L) cable length adjustable (specify length between 6" and 140") – cable can be shortened on-site. CLAR(L) cable length adjustable, remote driver (specify length between 6" and 140") – cable can be shortened on-site.	BLK black W white	BLK black W white
* Available only for CLA mounting option. TRIAC dimming for line voltage capable (120V voltage only), purple and pink wires need to be capped in that case. See wiring detail on page 2. ** Only available with CLAR mounting option. Remote driver enclosure by Axis.		Black or white 1/8" diameter cable used. To order Swag mounting accessories, such as Rails and Hooks, see Swag Accessories for Pendants Spec sheet.	
		1/8" diameter used.	

Shade

CONSTRUCTION

Housing	Cast aluminum
Lens	Frosted glass

LED SYSTEM

CRI	Minimum 90 color rendering index
CCT	2700K, 3000K, and 3500K color temperature with a great color consistency (within 3-step MacAdam ellipse).
LED life	Minimum 50,000h with 85% of lumen maintenance in 25°C ambient temperature, in compliance with IES LM-80 testing measurements.
Thermal Management	Aluminum housing acting as the heat sink to maximize life.

ELECTRICAL

DP	Integral 0-10v 1% dimming low voltage driver (48V)
DALIDT6	Integral Dali 2.0 D4i type 6 low voltage driver (48V)

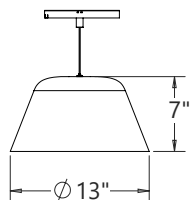
i Incorporating these components may have limitations or affect the length of the luminaire, please contact factory for more details.

FINISH

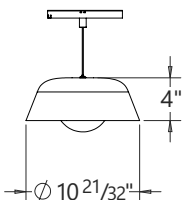
Powder coated matte black and white, custom finishes available.

DIMENSIONS

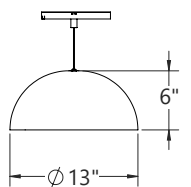
5 inch Frosted Glass Orb used as the lighting element.



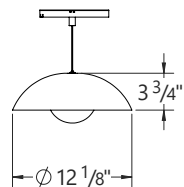
BB big bell shown



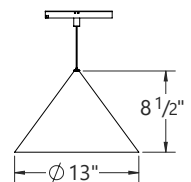
SB small bell shown



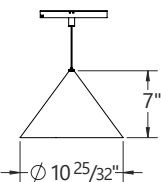
BD big dome shown



SD small dome shown



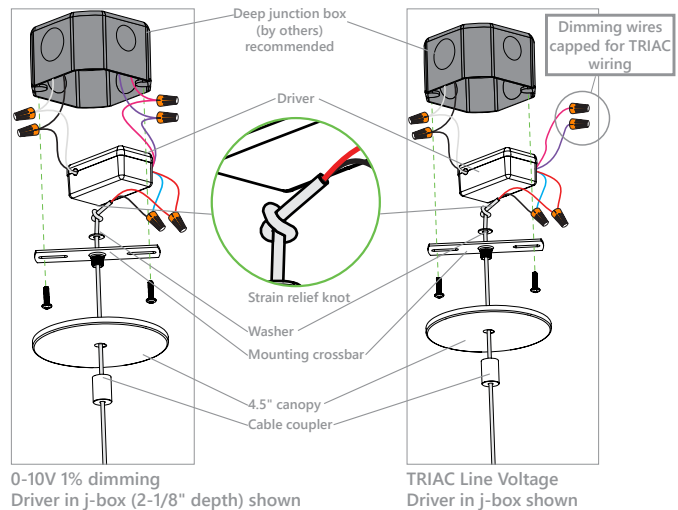
BC big cone shown



SC small cone shown

Pendant

WIRING DETAIL

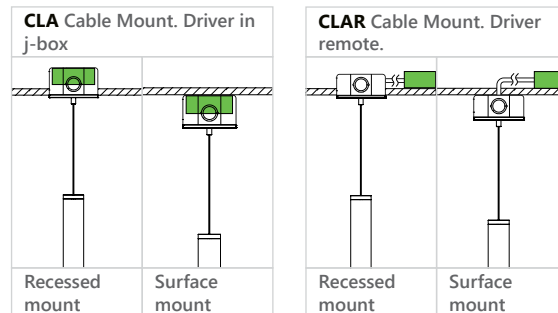


0-10V 1% dimming
Driver in j-box (2-1/8" depth) shown

TRIAC Line Voltage
Driver in j-box shown

MOUNTING OPTIONS

T-bar, drywall and solid ceiling compatible.



SWAG MOUNTING DETAILS



Swag hook shown on rail
(TDSR)



Swag hook shown on ceiling
(TDSH)

To get more details and order swag mounting hardware please see [Swag Accessories for Pendants Spec sheet](#).

APPROVALS

Certified to cULus standards.



All Decoratives, Pendants, and Spotlights certified under UL2108.

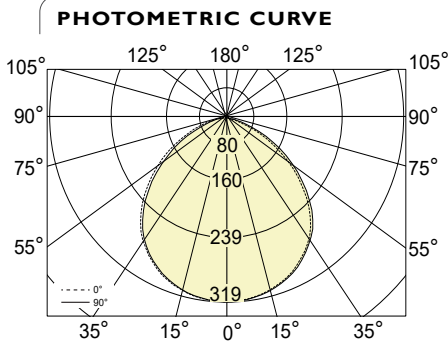
WARRANTY

Limited 5-year warranty is available. Warranty is valid provided luminaires are installed and used according to specifications. For full terms and conditions, please consult warranty section at axislighting.com.

● PHOTOMETRIC DATA

BIG BELL (WHITE)

TDPL-FIX-90-35-BB-W



Total lumens: 848 lm
Input Watts: 12.54 W
Efficacy: 68 lm/W

IES FILE: TDPL-FIX-90-35-BB-W.ies
 TESTED ACCORDING TO IES LM-79-2019

CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles				
	0	22.5	45	67.5	90
0	319	319	319	319	319
5	319	319	319	318	318
15	312	312	312	311	311
25	297	296	296	295	294
35	269	268	268	266	266
45	226	225	223	221	219
55	164	161	159	156	154
65	98	95	92	88	86
75	42	39	36	33	31
85	13	12	11	9	8
90	4	3	3	2	1

ZONAL LUMENS

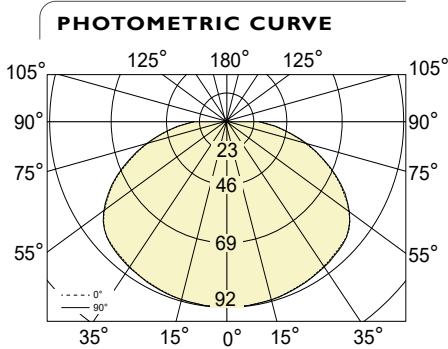
Zone	Lumens
0	
0-10	30
10-20	87
20-30	134
30-40	164
40-50	165
50-60	135
60-70	86
70-80	37
80-90	10
90	

LUMINANCE DATA (cd/m²)

Vertical Angle	Horizontal Angles		
	0	45	90
45	17859	17633	17302
55	12944	12545	12178
65	7767	7259	6803
75	3310	2860	2479
85	987	834	668

SMALL BELL (BLACK)

TDPL-FIX-90-35-SB-BLK-AXT



Total lumens: 404 lm
Input Watts: 13.8 W
Efficacy: 29 lm/W

IES FILE: TDPL-FIX-90-35-SB-BLK-AXT.ies
 TESTED ACCORDING TO IES LM-79-2019

CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles				
	0	22.5	45	67.5	90
0	92	92	92	92	92
5	92	92	92	92	92
15	91	91	91	91	91
25	90	90	90	90	90
35	88	88	88	88	88
45	86	86	86	86	86
55	78	78	78	78	78
65	63	63	63	62	62
75	44	44	44	44	44
85	26	26	25	25	25
90	17	17	17	17	17

ZONAL LUMENS

Zone	Lumens
0	
0-10	9
10-20	26
20-30	42
30-40	55
40-50	66
50-60	70
60-70	62
70-80	46
80-90	28
90	

LUMINANCE DATA (cd/m²)

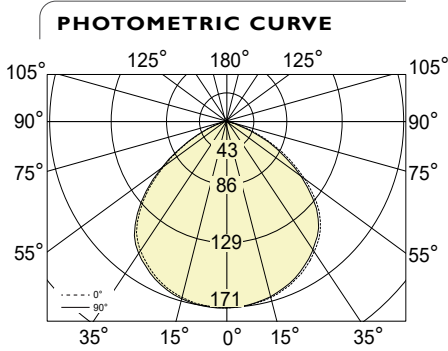
Vertical Angle	Horizontal Angles		
	0	45	90
45	6785	6764	6750
55	6188	6173	6168
65	4974	4943	4931
75	3487	3469	3452
85	2014	2007	1994

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

● PHOTOMETRIC DATA

BIG CONE (BLACK)

TDPL-FIX-90-35-BC-BLK



Total lumens: 441 lm
Input Watts: 12.51 W
Efficacy: 35 lm/W

IES FILE: TDPL-FIX-90-35-BC-BLK.ies
 TESTED ACCORDING TO IES LM-79-2019

CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles				
	0	22.5	45	67.5	90
0	171	171	171	171	171
5	171	171	171	171	171
15	168	167	167	167	167
25	160	159	159	159	159
35	148	146	146	147	146
45	130	125	126	129	126
55	94	87	89	93	88
65	50	44	46	49	44
75	12	8	9	11	8
85	0	0	0	0	0
90	0	0	0	0	0

ZONAL LUMENS

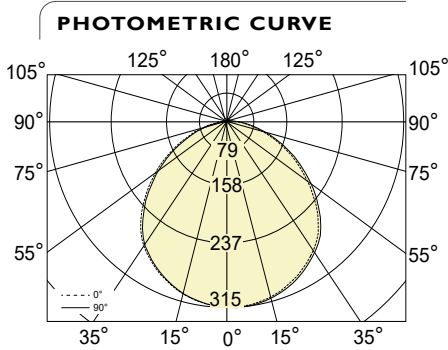
Zone	Lumens
0	
0-10	16
10-20	47
20-30	73
30-40	91
40-50	93
50-60	72
60-70	37
70-80	7
80-90	0
90	

LUMINANCE DATA (cd/m²)

Vertical Angle	Horizontal Angles		
	0	45	90
45	10227	9970	9969
55	7416	7056	6947
65	3957	3615	3451
75	929	746	631
85	25	25	24

SMALL CONE (WHITE)

TDPL-FIX-90-35-SC-W



Total lumens: 915 lm
Input Watts: 12.47 W
Efficacy: 73 lm/W

IES FILE: TDPL-FIX-90-35-SC-W.ies
 TESTED ACCORDING TO IES LM-79-2019

CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles				
	0	22.5	45	67.5	90
0	315	315	315	315	315
5	314	313	313	313	312
15	305	304	304	303	302
25	289	286	286	284	282
35	264	260	261	258	256
45	224	218	219	214	210
55	168	162	163	159	155
65	111	105	107	103	98
75	57	52	54	50	47
85	14	11	12	10	8
90	1	1	1	1	1

ZONAL LUMENS

Zone	Lumens
0	
0-10	30
10-20	86
20-30	133
30-40	164
40-50	170
50-60	147
60-70	106
70-80	57
80-90	14
90	

LUMINANCE DATA (cd/m²)

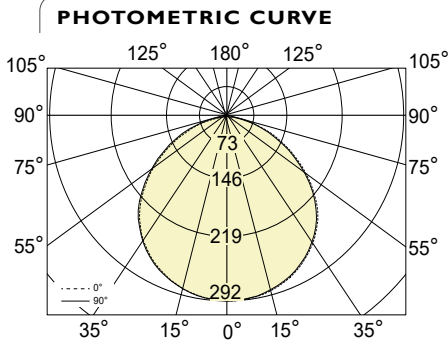
Vertical Angle	Horizontal Angles		
	0	45	90
45	17653	17244	16607
55	13257	12872	12239
65	8733	8413	7749
75	4495	4259	3700
85	1099	973	634

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

● PHOTOMETRIC DATA

BIG DOME (WHITE)

TDPL-FIX-90-35-BD-W



Total lumens: 864 lm
Input Watts: 12.59 W
Efficacy: 69 lm/W

IES FILE: TDPL-FIX-90-35-BD-W.ies
 TESTED ACCORDING TO IES LM-79-2019

CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles				
	0	22.5	45	67.5	90
0	291	291	291	291	291
5	291	291	291	291	291
15	284	284	284	284	283
25	270	270	269	269	269
35	247	246	246	245	244
45	213	212	211	210	210
55	162	159	160	158	158
65	105	102	102	100	101
75	52	48	47	46	46
85	12	10	10	9	9
90	2	1	1	1	1

ZONAL LUMENS

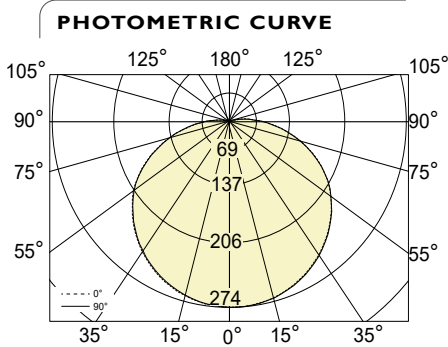
Zone	Lumens
0	28
0-10	80
10-20	124
20-30	153
30-40	161
40-50	142
50-60	102
60-70	54
70-80	13
80-90	90

LUMINANCE DATA (cd/m²)

Vertical Angle	Horizontal Angles		
	0	45	90
45	16807	16652	16541
55	12790	12602	12466
65	8295	8032	7947
75	4094	3741	3657
85	941	784	722

SMALL DOME (WHITE)

TDPL-FIX-90-35-SD-W



Total lumens: 1066 lm
Input Watts: 12.5 W
Efficacy: 85 lm/W

IES FILE: TDPL-FIX-90-35-SD-W.ies
 TESTED ACCORDING TO IES LM-79-2019

CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles				
	0	22.5	45	67.5	90
0	274	274	274	274	274
5	274	274	274	274	274
15	269	269	270	269	269
25	258	258	259	258	258
35	241	242	242	241	241
45	219	220	220	219	218
55	192	192	192	191	190
65	158	158	158	155	152
75	115	114	114	110	108
85	71	70	70	66	63
90	50	49	48	45	42
95	32	31	31	28	26
105	2	6	6	4	3
115	2	2	2	2	2
125	2	2	2	2	2

ZONAL LUMENS

Zone	Lumens
0	26
0-10	76
10-20	118
20-30	149
30-40	166
40-50	166
50-60	148
60-70	111
70-80	67
80-90	90
90-100	28
100-110	5
110-120	2
120-130	2

LUMINANCE DATA (cd/m²)

Vertical Angle	Horizontal Angles		
	0	45	90
45	17318	17386	17182
55	15158	15185	14959
65	12471	12447	12030
75	9047	8985	8495
85	5581	5485	4985

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