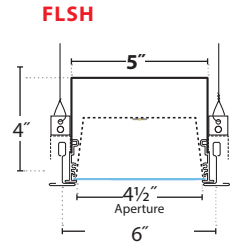


# QS\_BionicPro5™ | Recessed Linear



PRUDENTIAL LTG.

PRULITE.COM 213.746.0360



UPTO 131 LPW

FLSH:	LO	MO	SO	HO
SAL Lm/Ft	475	690	1000	1250
BTW Lm/Ft	500	750	1025	1300
W/Ft	3.8	5.6	7.8	10.5

LUMEN CHART AT 3500K-80 CRI

[CLICK HERE](#)



Lumen output may vary +/- 5%  
 Light Loss Factor (LLF) for CCTs other than 3500K:  
 4000K +2%, 3000K -5%, 2700K -20%  
 90 CRI -15% (3K, 3500K, 4K & 5K)

SERIES	LENS POS.	LED COLOR	OUTPUT	NOMINAL LENGTH	TRIM COLOR	DISTRIBUTION	MOUNTING	CIRCUITING	VOLTAGE	CEILING SYSTEMS	DRIVERS	OPTIONS
QS_BPRO5-REC	FLSH							SC				
QUICKSHIP BionicPro 5" Slot	FLSH Flush Lens	LED27 2700K (90CRI) LED3 3000K LED35 3500K LED4 4000K LED3-90 3000K (90CRI) LED35-90 3500K (90CRI) LED4-90 4000K (90CRI) LED5-90 5000K (90CRI)	LO Low MO Medium SO Standard HO High	2' 3' 4' 5' 6' 7' 8' R (Row Length, 1/8" increments)	TMW Textured Matte White (Standard) YGW Gloss White YSL Silver (Metallic) YBK Black (Matte)	SAL Satin Lens BTW Batwing	LP Light Pocket WTW Wall to Wall	SC Single Circuit	120 277	X1 T-Bar 1 5/16" X1M T-Bar 5/16" X1T 1 5/16" T-Bar Tegular X2 Dimensional T-Bar Armstrong Interlude®, Tegular X3 Hard Ceiling (Flange Trim) X6 Slot Grid, Tegular X7 Mud-Over Flange	ND Non-Dimming DM01 0-10v, 1% Dimming (Standard)	EMHE Emergency Battery (800 Delivered Lumens, CA Title 20 compliant, 2" + 3": Non-IC rated, NA with UNV voltage, Adds 1 1/2" height) OMB Overhead Mounting Bracket (X3 & X7 optional installation — 2x per fixture)



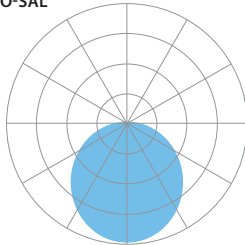
**FLSH:**

SATIN LENS

**MEDIUM OUTPUT:**

**BPRO5-REC-FLSH-LED35-MO-SAL**

2872 Delivered Lumens  
23 Watts  
126 lm/w  
1.24 Spacing Criteria



1033

**Zonal Lumen Summary:**  
0-90 = 100%

Vertical Angle	0°	25°	45°	65°	90°
0°	1033	1033	1033	1033	1033
5°	1024	1025	1022	1027	1028
15°	974	976	977	984	987
25°	884	887	891	903	909
35°	768	771	777	792	800
45°	634	635	642	656	668
55°	486	487	494	507	520
65°	332	332	340	351	363
75°	173	175	186	196	207
85°	27	28	35	47	57
90°	0	0	0	0	0

LUMEN MAINTENANCE

**L70** — 200,000+ Hours  
**L90** — 100,000+ Hours (LO, MO & SO)  
**L90** — 60,000+ Hours (HO)

**LED SYSTEM** LED modules and drivers are field replaceable.

**PROG** (OPTIONAL) Programmable light output. Specify desired lumens or watts per linear foot.

**LABELS** ETL damp labeled and I.B.E.W. manufactured.

**ELECTRICAL** Must specify LED dimming controls. LED fixtures have constant current driver(s) with less than 20% THD when loaded to a minimum of 60%. Drivers sink a maximum of 6mA per driver. DM01 LED drivers are 0-10V dimmable and are compatible with most 0-10V wall slide dimmers and direct 0-10V analog signal dimmers. Max driver size 1.65" w x 1.25" h.

CONSTRUCTION

**Housing** Extruded aluminum trim and side wall >25% PC recycled, 100% recyclable.  
20-gauge steel top housing >20% PC recycled, 100% recyclable.  
Die-Cast endcaps (LP), Formed steel endcaps (WTW).

**Lens** Seamless lens up to 200'. Consult factory for longer lengths.  
Polymer, 100% recyclable.

**Weight** 4.5 lbs / ft.

**MOUNTING** Recessed into drywall or t-bar ceilings.

**WARRANTY** Single-source, 5 year limited warranty covers standard components and construction.

BATWING

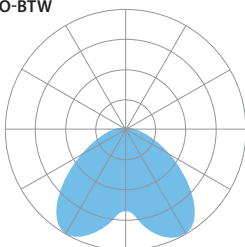
**UGR15.5**

WELL Building Standard

**MEDIUM OUTPUT:**

**BPRO5-REC-FLSH-LED35-MO-BTW**

2975 Delivered Lumens  
23 Watts  
131 lm/w  
1.94 Spacing Criteria



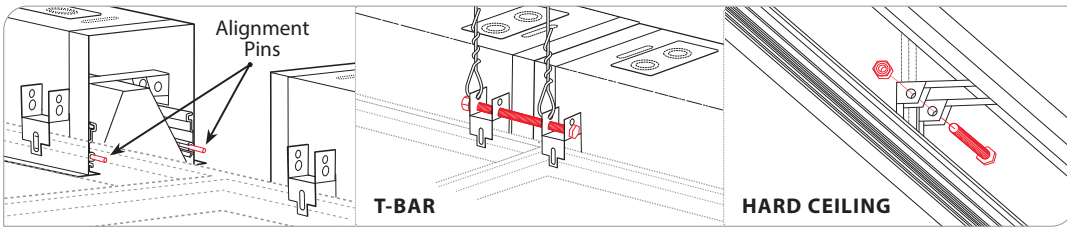
716

**Zonal Lumen Summary:**  
0-90 = 100%

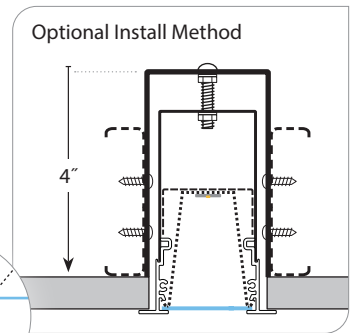
Vertical Angle	0°	25°	45°	65°	90°
0°	716	716	716	716	716
5°	774	768	744	725	709
15°	1008	972	861	731	655
25°	1143	1104	953	710	568
35°	1120	1092	955	651	475
45°	944	941	854	553	394
55°	637	661	654	429	321
65°	360	380	405	300	248
75°	170	179	199	176	162
85°	33	34	42	52	57
90°	0	0	0	0	0



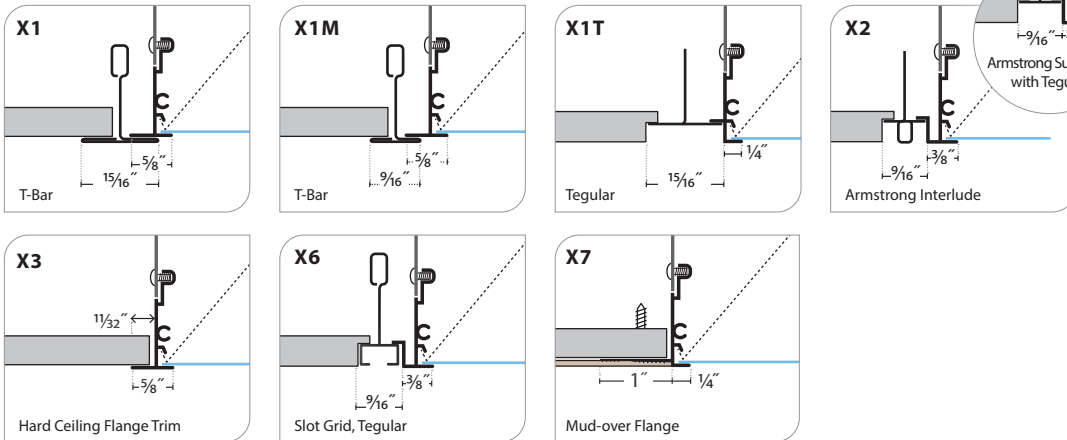
ADJOINING DETAILS



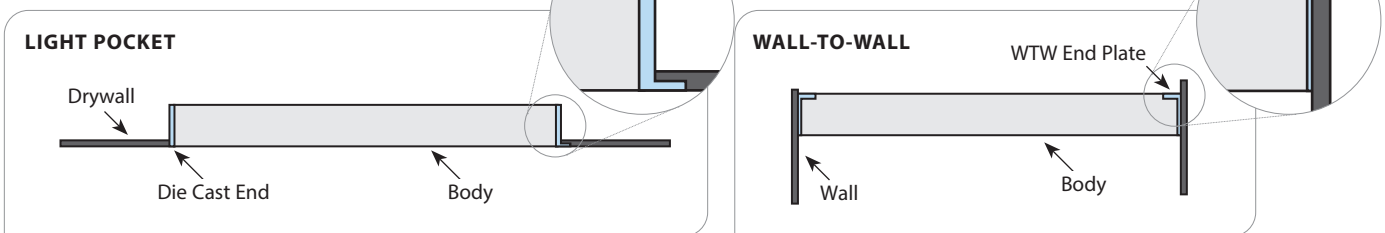
OVERHEAD MOUNTING BRACKET



CEILING SYSTEMS



MOUNTING



**NOTE:** LP odd length fixtures require a field-trimmed Filler fixture.

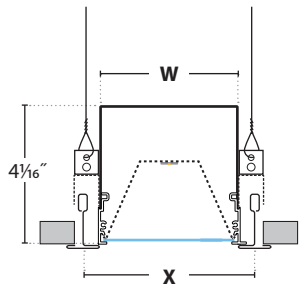


**GRID TO GRID (T-BAR):**

APERTURE	BPRO2	BPRO3	BPRO4	BPRO5
W = FIXTURE WIDTH	2"	3"	4"	5"
X = GRID TO GRID SPACING	3"	4"	5"	6"

T-BAR — X1, X1M, X1T, X2, X6

**FLSH:**

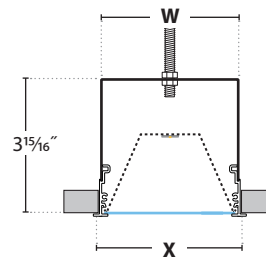


**HARD CEILING OPENING:**

APERTURE	BPRO2	BPRO3	BPRO4	BPRO5
W = FIXTURE WIDTH	2"	3"	4"	5"
X = CEILING OPENING (FLUSH)	2 1/4"	3 1/4"	4 1/4"	5 1/4"
FIXTURE ROUGH IN LENGTH =	Fixture Length + 1 5/16"			

HARD CEILING — X3, X7

**FLSH:**

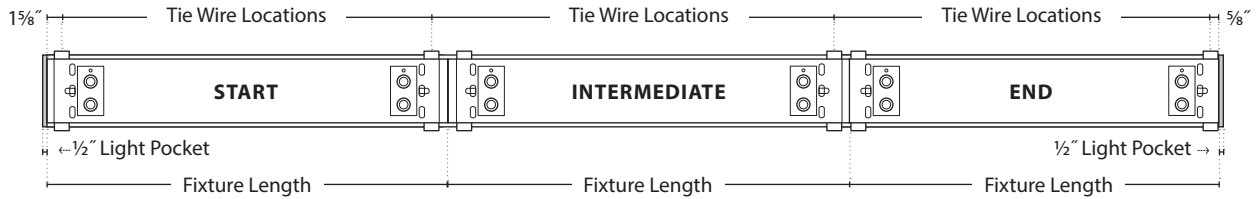




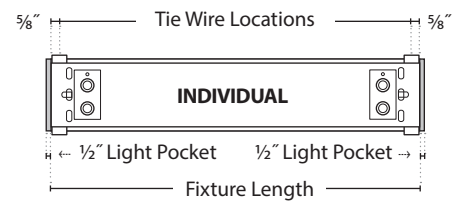
MOUNTING LOCATIONS

T-BAR — X1, X1M, X1T, X2, X6

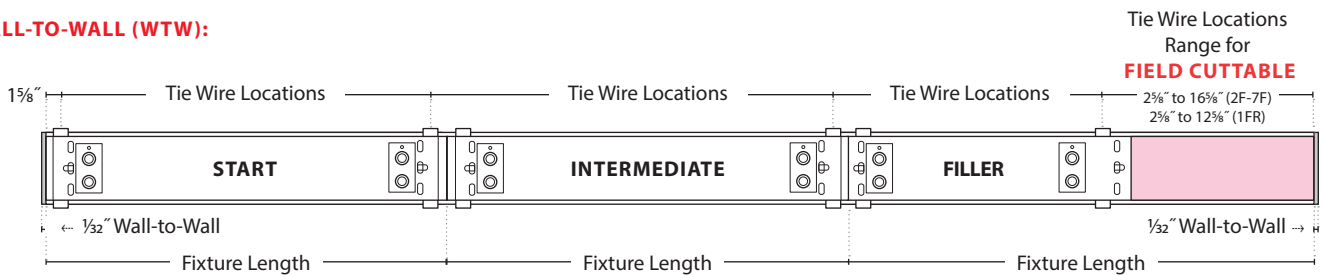
**LIGHT POCKET (LP):**



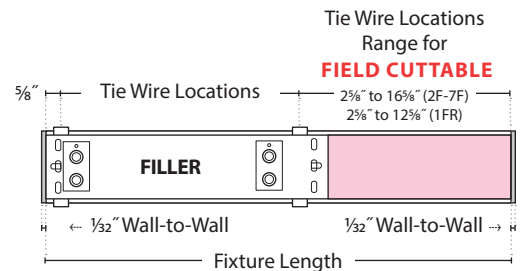
	FIXTURE LENGTHS		TIE WIRE LOCATIONS		
	Start / Intermediate	End / Individual	Start / Individual	Intermediate	End
2'	24"	22"	20 3/4"	24"	23"
3'	36"	34"	32 3/4"	36"	35"
4'	48"	46"	44 3/4"	48"	47"
5'	60"	58"	56 3/4"	60"	59"
6'	72"	70"	68 3/4"	72"	71"
7'	84"	82"	80 3/4"	84"	83"
8'	96"	94"	92 3/4"	96"	95"



**WALL-TO-WALL (WTW):**

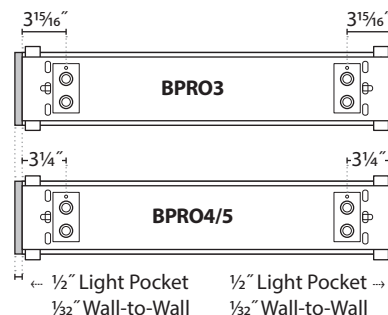


	FIXTURE LENGTH	TIE WIRE LOCATIONS	
		Start	Intermediate
—	—	—	—
2'	24"	20 3/4"	24"
3'	36"	32 3/4"	36"
4'	48"	44 3/4"	48"
5'	60"	56 3/4"	60"
6'	72"	68 3/4"	72"
7'	84"	80 3/4"	84"
8'	96"	92 3/4"	96"



	FIXTURE LENGTH	TIE WIRE LOCATIONS	
		Filler	Filler Individual
1FR	16" - 26"	15"	12 3/4"
2F	24" - 38"	23"	20 3/4"
3F	36" - 50"	35"	32 3/4"
4F	48" - 62"	47"	44 3/4"
5F	60" - 74"	59"	56 3/4"
6F	72" - 86"	71"	68 3/4"
7F	84" - 98"	83"	80 3/4"

**POWER FEED LOCATIONS:**

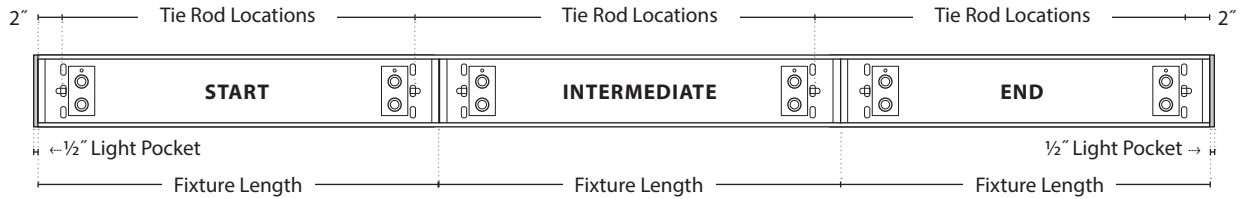




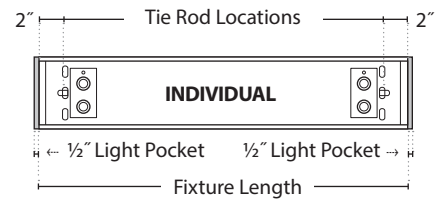
MOUNTING LOCATIONS

**HARD CEILING — X3, X7**

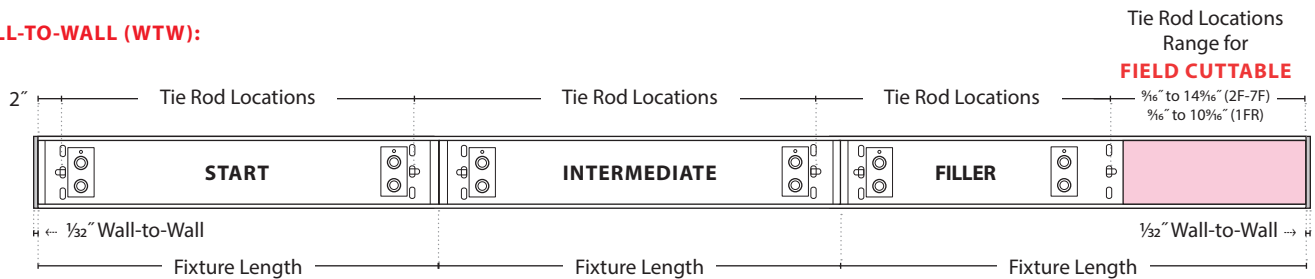
**LIGHT POCKET (LP):**



	FIXTURE LENGTHS		TIE ROD LOCATIONS		
	Start / Intermediate	End / Individual	Start / Individual	Intermediate	End
2'	24"	24"	20"	24"	24"
3'	36"	36"	32"	36"	36"
4'	48"	48"	44"	48"	48"
5'	60"	60"	56"	60"	60"
6'	72"	72"	68"	72"	72"
7'	84"	84"	80"	84"	84"
8'	96"	96"	92"	96"	96"

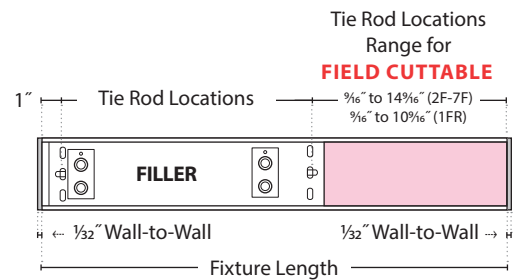


**WALL-TO-WALL (WTW):**



Tie Rod Locations Range for  
**FIELD CUTTABLE**  
3/16" to 14 1/16" (2F-7F)  
3/16" to 10 1/16" (1FR)

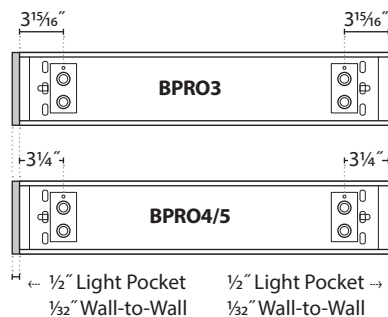
	FIXTURE LENGTH	TIE ROD LOCATIONS	
		Start	Intermediate
—	—	—	—
2'	24"	20"	24"
3'	36"	32"	36"
4'	48"	44"	48"
5'	60"	56"	60"
6'	72"	68"	72"
7'	84"	80"	84"
8'	96"	92"	96"



Tie Rod Locations Range for  
**FIELD CUTTABLE**  
3/16" to 14 1/16" (2F-7F)  
3/16" to 10 1/16" (1FR)

	FIXTURE LENGTH	TIE ROD LOCATIONS	
		Filler	Filler Individual
1FR	16" - 26"	17 1/16"	14 7/16"
2F	24" - 38"	25 7/16"	22 7/16"
3F	36" - 50"	37 7/16"	34 7/16"
4F	48" - 62"	49 7/16"	46 7/16"
5F	60" - 74"	61 7/16"	58 7/16"
6F	72" - 86"	73 7/16"	70 7/16"
7F	84" - 98"	85 7/16"	82 7/16"
—	—	—	—

**POWER FEED LOCATIONS:**



**HARD CEILING**  
LENS INSTALL  
VIDEO



ROW BUILDER

**LIGHT POCKET (LP):**

ROW LENGTH	FIXTURE ROW
9'	4FT STR + 5FT END
10'	4FT STR + 6FT END
11'	4FT STR + 7FT END
12'	8FT STR + 4FT END
13'	8FT STR + 5FT END
14'	8FT STR + 6FT END
15'	8FT STR + 7FT END
16'	8FT STR + 8FT END
17'	4FT STR + (1) 8FT INT + 5FT END
18'	4FT STR + (1) 8FT INT + 6FT END
19'	4FT STR + (1) 8FT INT + 7FT END
20'	8FT STR + (1) 8FT INT + 4FT END
21'	8FT STR + (1) 8FT INT + 5FT END
22'	8FT STR + (1) 8FT INT + 6FT END
23'	8FT STR + (1) 8FT INT + 7FT END
24'	8FT STR + (1) 8FT INT + 8FT END
25'	4FT STR + (2) 8FT INT + 5FT END
26'	4FT STR + (2) 8FT INT + 6FT END
27'	4FT STR + (2) 8FT INT + 7FT END
28'	8FT STR + (2) 8FT INT + 4FT END
29'	8FT STR + (2) 8FT INT + 5FT END
30'	8FT STR + (2) 8FT INT + 6FT END
31'	8FT STR + (2) 8FT INT + 7FT END
32'	8FT STR + (2) 8FT INT + 8FT END
33'	4FT STR + (3) 8FT INT + 5FT END
34'	4FT STR + (3) 8FT INT + 6FT END
35'	4FT STR + (3) 8FT INT + 7FT END
36'	8FT STR + (3) 8FT INT + 4FT END
37'	8FT STR + (3) 8FT INT + 5FT END
38'	8FT STR + (3) 8FT INT + 6FT END
39'	8FT STR + (3) 8FT INT + 7FT END
40'	8FT STR + (3) 8FT INT + 8FT END
41'	4FT STR + (4) 8FT INT + 5FT END
42'	4FT STR + (4) 8FT INT + 6FT END
43'	4FT STR + (4) 8FT INT + 7FT END
44'	8FT STR + (4) 8FT INT + 4FT END
45'	8FT STR + (4) 8FT INT + 5FT END
46'	8FT STR + (4) 8FT INT + 6FT END
47'	8FT STR + (4) 8FT INT + 7FT END
48'	8FT STR + (4) 8FT INT + 8FT END
49'	4FT STR + (5) 8FT INT + 5FT END
50'	4FT STR + (5) 8FT INT + 6FT END

**WALL-TO-WALL (WTW):**

ROW LENGTH	FIXTURE ROW	MINIMUM FILLER LENGTH	MAXIMUM FILLER LENGTH
9'	4FT STR + 4FT FILLER	8' - 0" (96")	9' - 2" (110")
10'	4FT STR + 5FT FILLER	9' - 0" (108")	10' - 2" (122")
11'	4FT STR + 6FT FILLER	10' - 0" (120")	11' - 2" (134")
12'	4FT STR + 7FT FILLER	11' - 0" (132")	12' - 2" (146")
13'	8FT STR + 4FT FILLER	12' - 0" (144")	13' - 2" (158")
14'	8FT STR + 5FT FILLER	13' - 0" (156")	14' - 2" (170")
15'	8FT STR + 6FT FILLER	14' - 0" (168")	15' - 2" (182")
16'	8FT STR + 7FT FILLER	15' - 0" (180")	16' - 2" (194")
17'	4FT STR + (1) 8FT INT + 4FT FILLER	16' - 0" (192")	17' - 2" (206")
18'	4FT STR + (1) 8FT INT + 5FT FILLER	17' - 0" (204")	18' - 2" (218")
19'	4FT STR + (1) 8FT INT + 6FT FILLER	18' - 0" (216")	19' - 2" (230")
20'	4FT STR + (1) 8FT INT + 7FT FILLER	19' - 0" (228")	20' - 2" (242")
21'	8FT STR + (1) 8FT INT + 4FT FILLER	20' - 0" (240")	21' - 2" (254")
22'	8FT STR + (1) 8FT INT + 5FT FILLER	21' - 0" (252")	22' - 2" (266")
23'	8FT STR + (1) 8FT INT + 6FT FILLER	22' - 0" (264")	23' - 2" (278")
24'	8FT STR + (1) 8FT INT + 7FT FILLER	23' - 0" (276")	24' - 2" (290")
25'	4FT STR + (2) 8FT INT + 4FT FILLER	24' - 0" (288")	25' - 2" (302")
26'	4FT STR + (2) 8FT INT + 5FT FILLER	25' - 0" (300")	26' - 2" (314")
27'	4FT STR + (2) 8FT INT + 6FT FILLER	26' - 0" (312")	27' - 2" (326")
28'	4FT STR + (2) 8FT INT + 7FT FILLER	27' - 0" (324")	28' - 2" (338")
29'	8FT STR + (2) 8FT INT + 4FT FILLER	28' - 0" (336")	29' - 2" (350")
30'	8FT STR + (2) 8FT INT + 5FT FILLER	29' - 0" (348")	30' - 2" (362")
31'	8FT STR + (2) 8FT INT + 6FT FILLER	30' - 0" (360")	31' - 2" (374")
32'	8FT STR + (2) 8FT INT + 7FT FILLER	31' - 0" (372")	32' - 2" (386")
33'	4FT STR + (3) 8FT INT + 4FT FILLER	32' - 0" (384")	33' - 2" (398")
34'	4FT STR + (3) 8FT INT + 5FT FILLER	33' - 0" (396")	34' - 2" (410")
35'	4FT STR + (3) 8FT INT + 6FT FILLER	34' - 0" (408")	35' - 2" (422")
36'	4FT STR + (3) 8FT INT + 7FT FILLER	35' - 0" (420")	36' - 2" (434")
37'	8FT STR + (3) 8FT INT + 4FT FILLER	36' - 0" (432")	37' - 2" (446")
38'	8FT STR + (3) 8FT INT + 5FT FILLER	37' - 0" (444")	38' - 2" (458")
39'	8FT STR + (3) 8FT INT + 6FT FILLER	38' - 0" (456")	39' - 2" (470")
40'	8FT STR + (3) 8FT INT + 7FT FILLER	39' - 0" (468")	40' - 2" (482")
41'	4FT STR + (4) 8FT INT + 4FT FILLER	40' - 0" (480")	41' - 2" (494")
42'	4FT STR + (4) 8FT INT + 5FT FILLER	41' - 0" (492")	42' - 2" (506")
43'	4FT STR + (4) 8FT INT + 6FT FILLER	42' - 0" (504")	43' - 2" (518")
44'	4FT STR + (4) 8FT INT + 7FT FILLER	43' - 0" (516")	44' - 2" (530")
45'	8FT STR + (4) 8FT INT + 4FT FILLER	44' - 0" (528")	45' - 2" (542")
46'	8FT STR + (4) 8FT INT + 5FT FILLER	45' - 0" (540")	46' - 2" (554")
47'	8FT STR + (4) 8FT INT + 6FT FILLER	46' - 0" (552")	47' - 2" (566")
48'	8FT STR + (4) 8FT INT + 7FT FILLER	47' - 0" (564")	48' - 2" (578")
49'	4FT STR + (5) 8FT INT + 4FT FILLER	48' - 0" (576")	49' - 2" (590")
50'	4FT STR + (5) 8FT INT + 5FT FILLER	49' - 0" (588")	50' - 2" (602")



## BionicPro5 Batwing Vs. Top 5" Competitor (Satin Lens)

### SINGLE OFFICE

BionicPro5

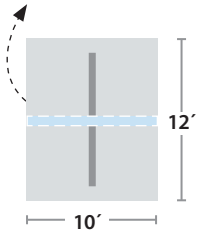


Top Competitor



29 33 35 34 30 | 29 32 34 33 29

22 28 35 43 49 | 49 43 35 28 22



	BionicPro5	Competitor
LPW	131	113
<b>SPACING CRITERIA</b>	<b>1.95</b>	<b>1.2</b>
MAX/MIN	1.7	2.3
W/SQ. FT.	.38	.4
FC AVERAGE	27	29

9' ceiling .85 llf BionicPro5—5.7w/ft Competitor—6w/ft Footcandles at 30" working plane

### OPEN OFFICE

BionicPro5



Top Competitor

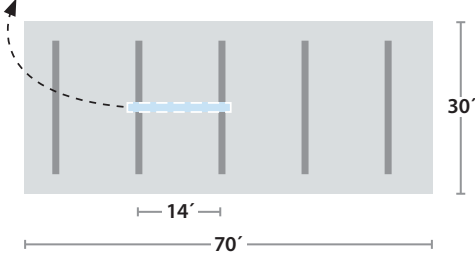


41 45 50 50 47 44 41 40 41 44 46 48 47 43 41

71 66 57 47 39 33 30 28 30 33 39 47 57 65 70

14'

14'



	BionicPro5	Competitor
LPW	131	113
<b>SPACING CRITERIA</b>	<b>1.95</b>	<b>1.2</b>
MAX/MIN	2.2	3.9
MAX/MIN BETWEEN ROWS	1.2	2.5
W/SQ. FT.	.36	.38
FC AVERAGE	36	37

9' ceiling .85 llf BionicPro5—5.7w/ft Competitor—6w/ft Footcandles at 30" working plane

# QS\_BionicPro5™ | Recessed Linear



PRUDENTIAL LTG.

PRULITE.COM 213.746.0360



## LM79 & TM30 DATA:

	MEASURED CCT	MEASURED LUMENS	CRI	R9	DuV	SPD	TM30 — COLOR VECTOR	TM30 — COLOR DISTORTION
<b>LED27</b>	2680	80%	93	58	0.001		 89 Rf	 97 Rg
<b>LED3</b>	3042	95%	82	6	0.001		 81 Rf	 92 Rg
<b>LED3-90</b>	3016	85%	93	61	0.000		 88 Rf	 96 Rg
<b>LED35</b>	3482	100%	82	3	0.002		 81 Rf	 92 Rg
<b>LED35-90</b>	3417	85%	93	67	0.000		 88 Rf	 96 Rg
<b>LED4</b>	3952	102%	82	4	0.003		 81 Rf	 92 Rg
<b>LED4-90</b>	3882	85%	92	67	0.003		 87 Rf	 96 Rg
<b>LED5-90</b>	4889	85%	94	84	0.002		 86 Rf	 95 Rg