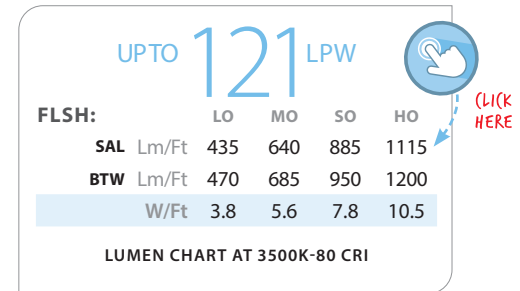
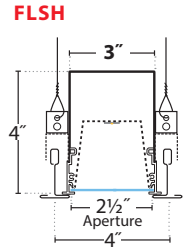


# QS\_BionicPro3™ | Recessed Linear



PRUDENTIAL LTG.

PRULITE.COM 213.746.0360



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_BPRO3-REC	FLSH							SC				
QUICKSHIP BionicPro 3" 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 3/16" 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)



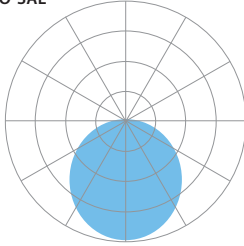
## FLSH:

### SATIN LENS

#### MEDIUM OUTPUT:

#### BPRO3-REC-FLSH-LED35-MO-SAL

2566 Delivered Lumens  
23 Watts  
113 lm/w  
3500 CCT  
1.24 Spacing Criteria



#### Zonal Lumen Summary:

0-90 = 100%

940

Vertical Angle	0°	25°	45°	65°	90°
0°	940	940	940	940	940
5°	933	934	930	936	938
15°	890	891	890	897	899
25°	808	810	812	823	826
35°	702	704	708	720	724
45°	580	581	585	596	602
55°	448	449	453	460	466
65°	310	311	314	319	325
75°	174	174	177	180	185
85°	45	45	48	50	52
90°	0	0	0	0	0

### BATWING

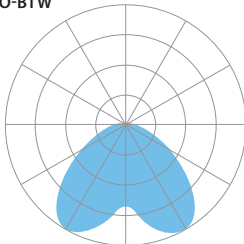
## UGR16

WELL Building Standard

#### MEDIUM OUTPUT:

#### BPRO3-REC-FLSH-LED35-MO-BTW

2747 Delivered Lumens  
23 Watts  
121 lm/w  
3500 CCT  
1.84 Spacing Criteria



#### Zonal Lumen Summary:

0-90 = 100%

690

Vertical Angle	0°	25°	45°	65°	90°
0°	690	690	690	690	690
5°	734	727	705	690	684
15°	971	932	819	688	630
25°	1096	1058	910	667	541
35°	1029	1018	903	609	447
45°	796	820	787	512	365
55°	540	566	587	393	295
65°	337	352	371	273	226
75°	178	184	192	162	148
85°	49	50	54	53	53
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. IC-rated except with EMHE emergency or Lutron drivers at SO.

## 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 lbs/ft.

## MOUNTING

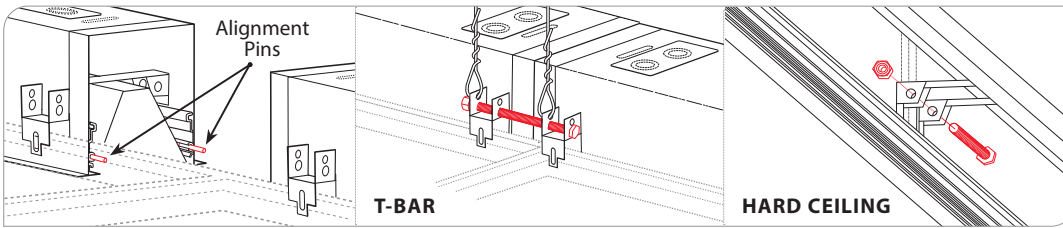
Recessed into drywall or t-bar ceilings.

## WARRANTY

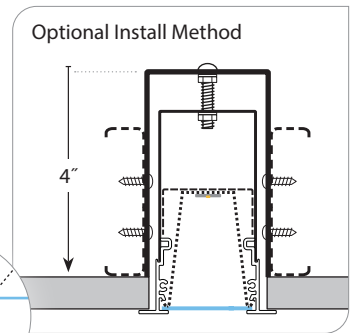
Single-source, 5 year limited warranty covers standard components and construction.



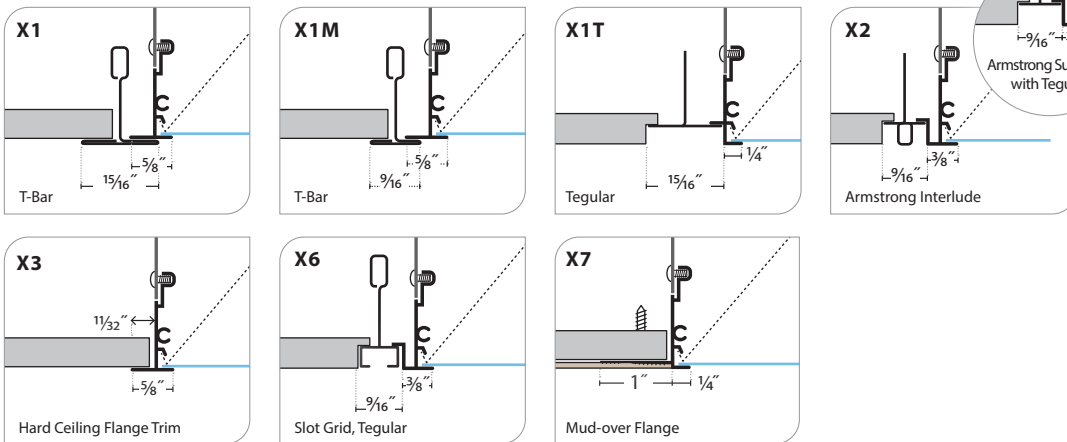
ADJOINING DETAILS



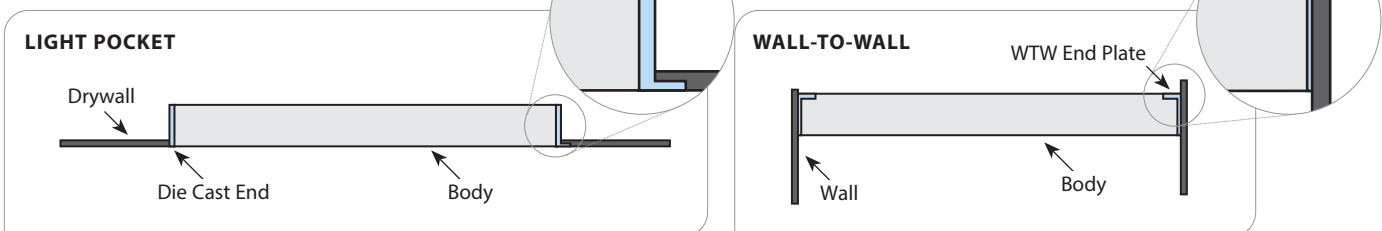
OVERHEAD MOUNTING BRACKET



CEILING SYSTEMS



MOUNTING



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

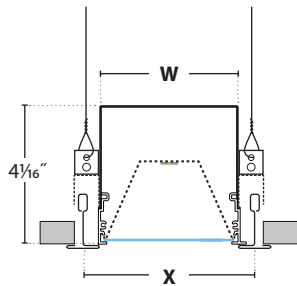


**GRID TO GRID (T-BAR):**

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:**

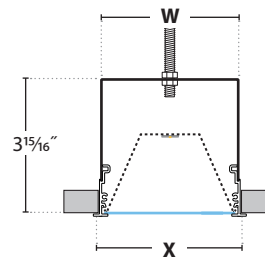


**HARD CEILING OPENING:**

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:**

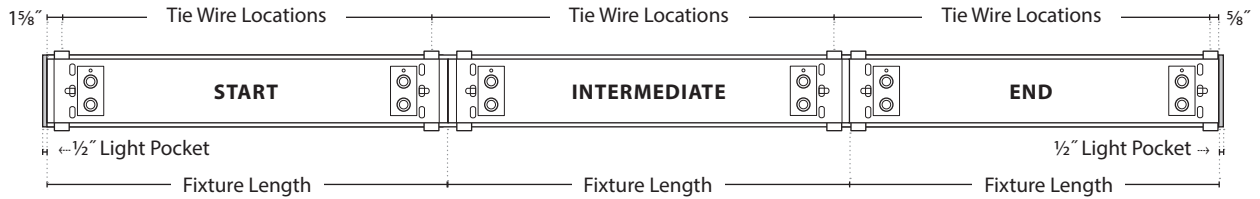




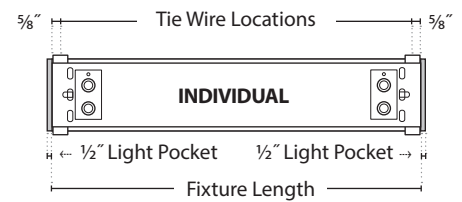
## MOUNTING LOCATIONS

### T-BAR — X1, X1M, X1T, X2, X6

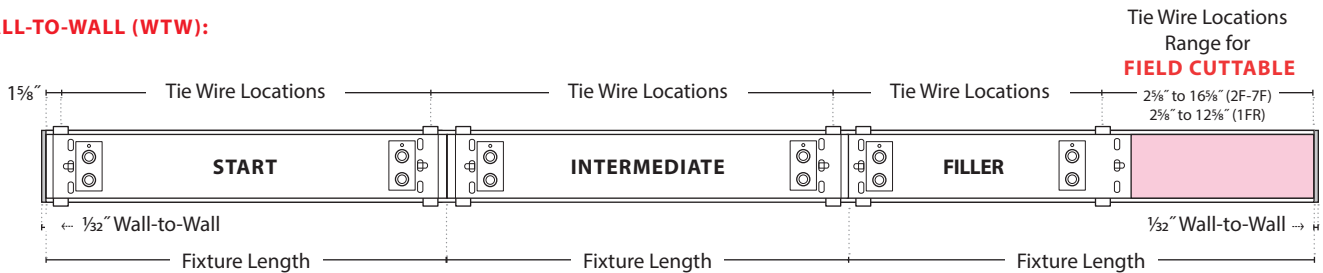
#### LIGHT POCKET (LP):



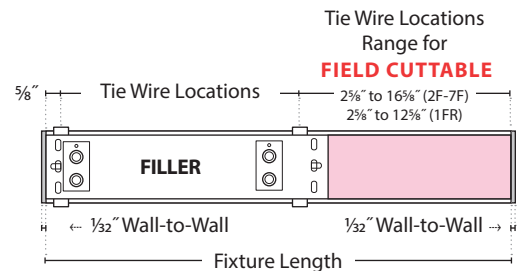
	FIXTURE LENGTHS		TIE WIRE LOCATIONS		
	Start / Intermediate	End / Individual	Start / Individual	Intermediate	End
2'	24"	22"	20 3/4"	24"	23"
3'	36"	34"	32 3/4"	36"	35"
4'	48"	46"	44 3/4"	48"	47"
5'	60"	58"	56 3/4"	60"	59"
6'	72"	70"	68 3/4"	72"	71"
7'	84"	82"	80 3/4"	84"	83"
8'	96"	94"	92 3/4"	96"	95"



#### WALL-TO-WALL (WTW):

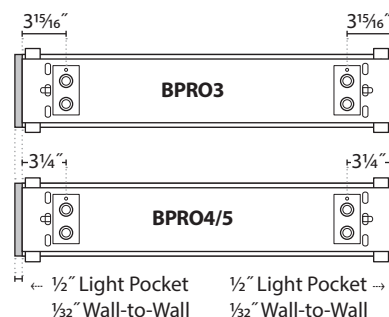


	FIXTURE LENGTH	TIE WIRE LOCATIONS	
		Start	Intermediate
—	—	—	—
2'	24"	20 3/4"	24"
3'	36"	32 3/4"	36"
4'	48"	44 3/4"	48"
5'	60"	56 3/4"	60"
6'	72"	68 3/4"	72"
7'	84"	80 3/4"	84"
8'	96"	92 3/4"	96"



	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:

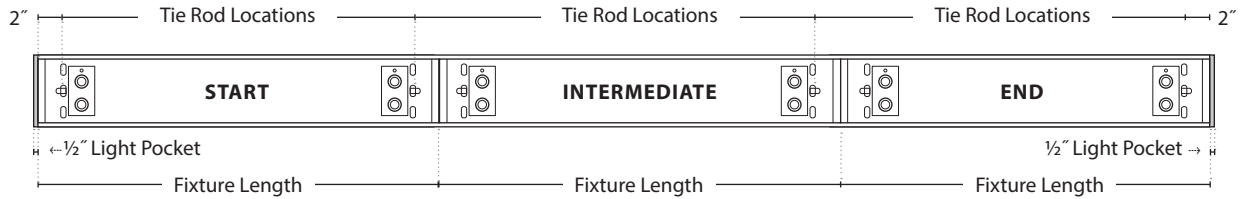




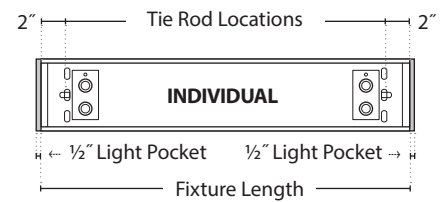
## MOUNTING LOCATIONS

### HARD CEILING — X3, X7, X11

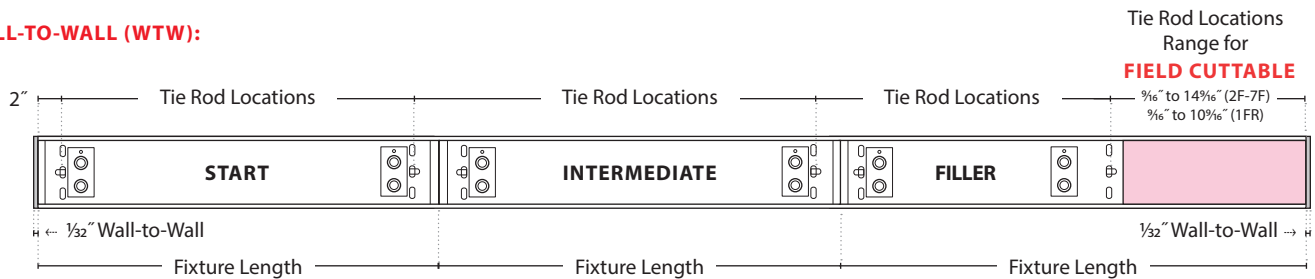
#### LIGHT POCKET (LP):



	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"

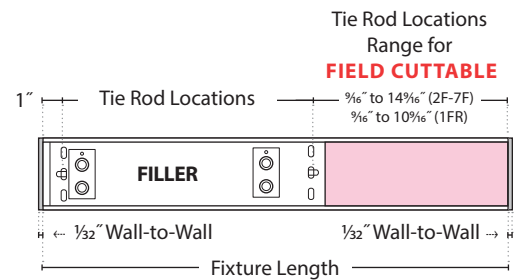


#### WALL-TO-WALL (WTW):

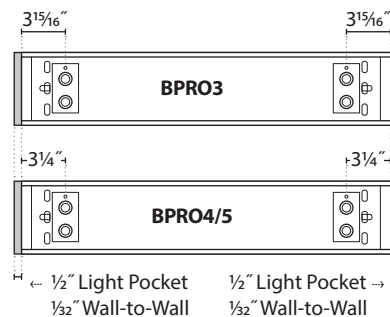


	FIXTURE LENGTH	TIE ROD LOCATIONS	
		Start	Intermediate
—	—	—	—
2'	24"	20"	24"
3'	36"	32"	36"
4'	48"	44"	48"
5'	60"	56"	60"
6'	72"	68"	72"
7'	84"	80"	84"
8'	96"	92"	96"

	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")



## BionicPro3 Batwing Vs. Top 3" Competitor (Satin Lens)

### SINGLE OFFICE

BionicPro3

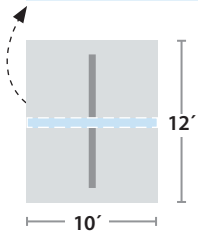


Top Competitor



36 43 46 44 39 | 39 44 47 43 37

22 28 36 44 52 | 52 44 36 28 22



	BionicPro3	Competitor
LPW	118	111
<b>SPACING CRITERIA</b>	<b>1.8</b>	<b>1.3</b>
MAX/MIN	1.8	2.6
W/SQ. FT.	.38	.43
FC AVERAGE	26	30

9' ceiling .85 l/f BionicPro3—5.7w/ft Competitor—6.5w/ft Footcandles at 30" working plane

### OPEN OFFICE

BionicPro3

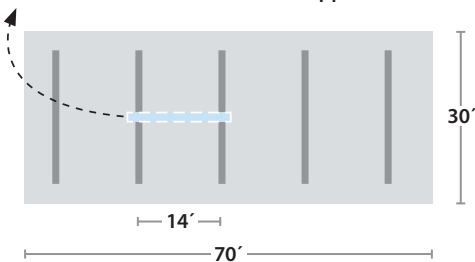


Top Competitor



39 43 47 47 44 39 36 35 36 40 44 47 47 43 39

74 68 58 47 38 32 28 27 28 32 38 47 58 68 74



	BionicPro3	Competitor
LPW	118	111
<b>SPACING CRITERIA</b>	<b>1.85</b>	<b>1.3</b>
MAX/MIN	2.2	4.4
MAX/MIN BETWEEN ROWS	1.3	2.8
W/SQ. FT.	.37	.41
FC AVERAGE	35	37

9' ceiling .85 l/f BionicPro3—5.7w/ft Competitor—6.5w/ft Footcandles at 30" working plane



## 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