

# Sport Court Lighting Guide: Baseline Series

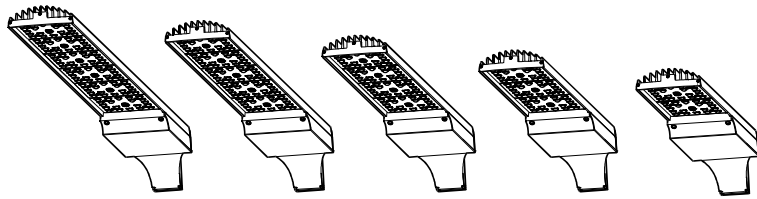
The Baseline Series - A visually appealing approach to Exterior Sport Court Lighting. By orienting the Baseline luminaires parallel to the sidelines & utilizing the 2@180° & 2x2@180° luminaire mounting configurations, the Baseline Series completely eliminates the need for long & obtrusive mast arms. With the key features of the Baseline Series detailed below, you now have the ability to maintain recommended Illuminance levels for all sport court categories (Recreation, Club or Professional), while providing a unique & clean lighting design.

The PLED Type IV-CL Court Lighter optic is designed specifically to provide the required Footcandles & uniformity on each court's PPA (Players Playing Area), while minimizing glare and unnecessary spill light. The Baseline Series does allow for mounting configurations that are perpendicular to the sidelines ("1 - Single" Mounting Configuration for single courts), but can be limited to Categories III-Recreation & II-Club depending on the Court Configurations.

The Baseline Series Sports Court Lighting Guide provides both Parallel and Perpendicular Luminaire Mounting Configuration Layouts where applicable. The Lighting Guide is based on Standard sized court dimensions, pole spacings (30-40'), & pole heights (20'). Consult the Applications Department for custom Sport Court lighting layout requests.

## Key Features

5 Sizes: BAS2 - BAS6  
85w - 550w



**BAS6** 120 LED    **BAS5** 100 LED    **BAS4** 80 LED    **BAS3** 60 LED    **BAS2** 40 LED

Standard Mounting Configurations:  
Other Options Available (See Ordering Information Page)



CONFIGURATION: 1 - SINGLE

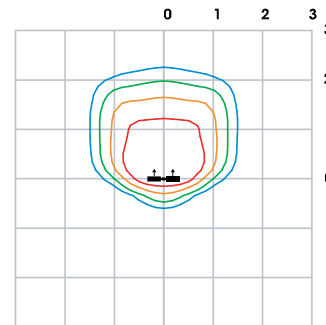


CONFIGURATION: 2@180



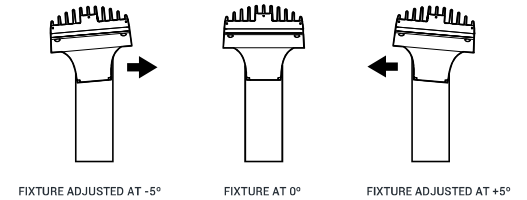
CONFIGURATION: 2X2@180

### PLED Type IV-CL Court Lighter Optic



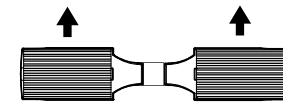
TYPE IV-CL @ 20'  
5° Pivot Tilt (PT5°)  
FRO-R & FRO-L

### Pivot Tilt: Adaptive rotatable adjustability ± 5°



FIXTURE ADJUSTED AT -5°    FIXTURE AT 0°    FIXTURE ADJUSTED AT +5°

### Factory (or Field) Rotatable Optics: ± 90°



**FRO-R**    **FRO-L**  
(Optics Rotated Right)    (Optics Rotated Left)

## IESNA - USA Pickleball - USTA Recommended Illuminance Levels

Recommended Horizontal Illuminance*	Category	Avg FC	Min FC	Max:Min
	III - Recreational	30	20	2:1
	II - Club	50	30	2:1
	I - Professional	75	50	1.7:1

\*Based on Maintained Illuminance Levels 36" Above Grade within Players Playing Area (PPA)

Recommended Vertical Illuminance**	Category	Avg FC	Max:Min
	III - Recreational	20	2:1
	II - Club	30	2:1
	I - Professional	50	1.7:1

\*\*Based on Maintained Illuminance Levels 6' Above Grade within Players Playing Area (PPA)

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Baseline Series - Sports Court Guide

# of Courts	Court Size(s)	Court Type	Poles Per Court	Category	Luminaire Configuration	Page No.		
Single & Double Courts	34'x64' & 68'x64'	Pickleball	4 Poles/Court (30' Pole Spacing)	III - Recreation	Parallel	1		
					Perpendicular	2		
				II - Club	Parallel	3		
					Perpendicular	4		
				III - Professional	Parallel	5		
					Perpendicular	6		
	60'x120' & 120'x120'	Tennis	6 Poles/Court (40' Pole Spacing)	III - Recreation	Parallel	7		
					Perpendicular	8		
				II - Club	Parallel Only		9	
					Parallel Only		10	
				III - Recreation	Parallel	11		
					Perpendicular	12		
			II - Club	Parallel		13		
				Perpendicular		14		
			120'x120'	Tennis to Pickleball Conversion (1:1)	6 Poles/Court (40' Pole Spacing)	III - Recreation	Parallel	16
							Perpendicular	17
						II - Club	Parallel Only	
					8 Poles/Court (30' Pole Spacing)	III - Recreation	Parallel	20
	Perpendicular	21						
	II - Club	Parallel				22		
	Perpendicular	23						
	III - Professional	Parallel Only		24				

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Baseline Series - Sports Court Guide

# of Courts	Court Size(s)	Court Type	Poles Per Court	Category	Luminaire Configuration	Page No.
Single & Double Courts	60'x120' & 120'x120'	Tennis to Pickleball Conversion (2:1)	6 Poles/Court (40' Pole Spacing)	III - Recreation	Parallel	25
					Perpendicular	26
				II - Club	Parallel Only	27
				III - Professional	Parallel Only	28
			8 Poles/Court (30' Pole Spacing)	III - Recreation	Parallel	29
					Perpendicular	30
		II - Club		Parallel	31	
				Perpendicular	32	
			III - Professional	Parallel Only	33	
		Tennis to Pickleball Conversion (4:1)	6 Poles/Court (40' Pole Spacing)	III - Recreation	Parallel	34
					Perpendicular	35
				II - Club	Parallel Only	36
				III - Professional	Parallel Only	37
			8 Poles/Court (30' Pole Spacing)	III - Recreation	Parallel	38
	Perpendicular			39		
II - Club	Parallel			40		
			Perpendicular	41		
	III - Professional	Parallel Only	42			

Court Type: Pickleball

Category: III - Recreation Court Size: 34'x64' & 68'x64' (1-CT & 2-CT)

Category	Luminaire Arrangement Options	Court Size	Pole Spacing (ft)	Pole Count	Luminaire Count / Mounting Arrangement	Pivot Tilt (°)	Recommended Part Number(s) Per Pole	Lumens Per Pole	Watts Per Pole	Illuminance Levels (FC)				
										Illuminance (FC)	AVG FC	MAX FC	MIN FC	MAX: MIN
III - Recreation	#1 (Parallel <sup>1</sup> )	34'x64' (1-CT)	30	4	2@180°	5°	BAS2-PLED-IV-CL-40LED-700mA-40K	25160	173.6	PPA @ 3'AG	35	44	28	1.6
		68'x64' (2-CT)			6	2@180° (Interior)	5°	BAS3-PLED-IV-CL-60LED-875mA-40K	45252	332.2	Vertical @ 6'AG	29	31	25
		68'x64' (2-CT)		6		2@180° (Perimeter)	5°	BAS2-PLED-IV-CL-40LED-700mA-40K	25160	173.6	Vertical @ 6'AG	29	30	24
					#2 (Perpendicular <sup>2</sup> )	34'x64' (1-CT)	30	4	1 - Single	N/A	BAS3-PLED-IV-CL-60LED-875mA-40K	22626	166.1	PPA @ 3'AG
	68'x64' (2-CT)	6	2@180° (Interior)	N/A		BAS3-PLED-IV-CL-60LED-875mA-40K			45252	332.2	Vertical @ 6'AG	28	31	22
	68'x64' (2-CT)		6	1 - Single (Perimeter)		N/A		BAS3-PLED-IV-CL-60LED-875mA-40K	22626	166.1	Vertical @ 6'AG	38	48	29
		68'x64' (2-CT)		6		1 - Single (Perimeter)		N/A	BAS3-PLED-IV-CL-60LED-875mA-40K	22626	166.1	Vertical @ 6'AG	28	32

Notes: <sup>1</sup>Parallel Luminaire Arrangement Option: Luminaire Orientations run Parallel to the Sidelines, not overhanging the court(s).

Typical Mounting Arrangement is 2@180°. 2x2@180° option available if required to reach recommended Footcandle levels.

All Parallel Luminaire Arrangement Options require rotated PLED optics (FRO-L / FRO-R) in the direction of the courts (Not Applicable for VSQ-N & VSQ-M).

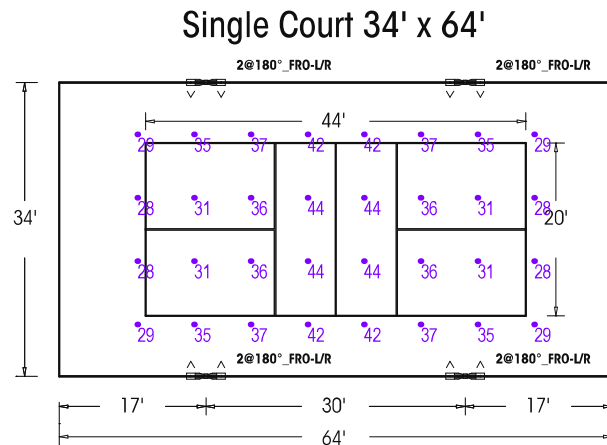
Pivot Tilt (0 - 5°) option coincides with Parallel Luminaire Arrangement Option & rotated PLED optics (field adjustable, no special order or parts required)

Luminaire Symbol with Arrow: Indicates rotated PLED optics (FRO-L / FRO-R) + the direction of PLED distribution and Pivot Tilt (if applicable).

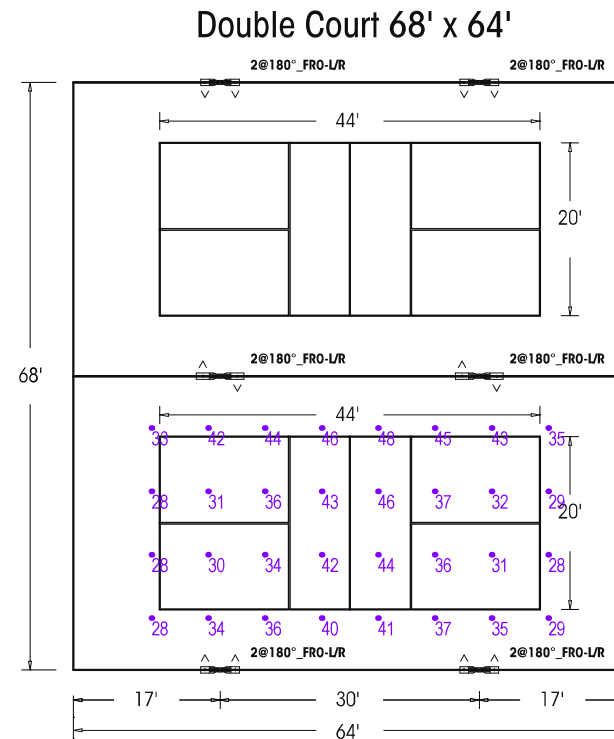
<sup>2</sup>Perpendicular Luminaire Arrangement Option: Luminaire Orientations run Perpendicular to the Sidelines, overhanging the court(s).

Typical Mounting Arrangements are 1 - Single & 2@180°. 3@90° & 4@90° options available if required to reach recommended Footcandle levels.

Pivot Tilt (0 - 5°) option not recommended with Parallel Luminaire Arrangement Option. Rotated PLED optics typically not required.



#1 - Parallel



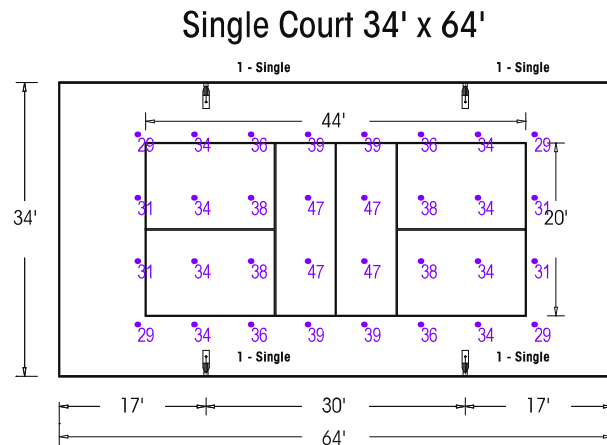
Court Type: Pickleball

Category: III - Recreation Court Size: 34'x64' & 68'x64' (1-CT & 2-CT)

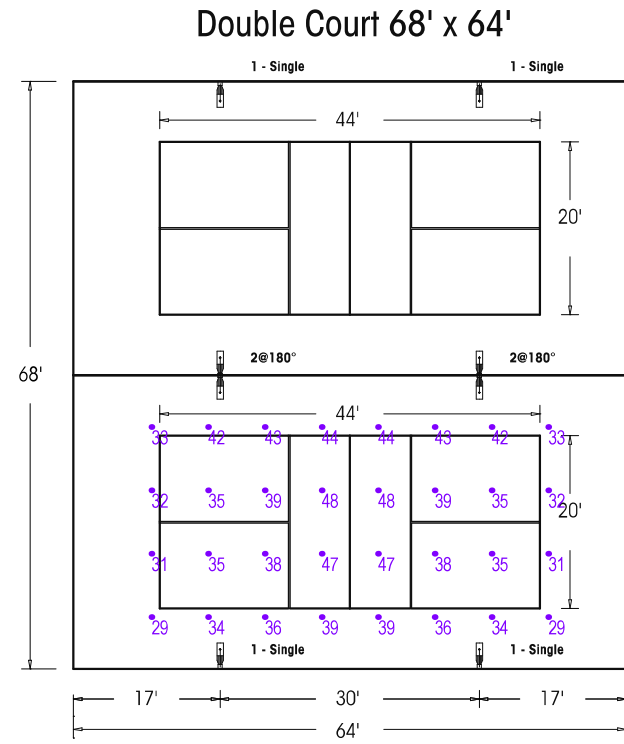
Category	Luminaire Arrangement Options	Court Size	Pole Spacing (ft)	Pole Count	Luminaire Count / Mounting Arrangement	Pivot Tilt (°)	Recommended Part Number(s) Per Pole	Lumens Per Pole	Watts Per Pole	Illuminance Levels (FC)				
										Illuminance (FC)	AVG FC	MAX FC	MIN FC	MAX: MIN
III - Recreation	#1 (Parallel <sup>1</sup> )	34'x64' (1-CT)	30	4	2@180°	5°	BAS2-PLED-IV-CL-40LED-700mA-40K	25160	173.6	PPA @ 3'AG	35	44	28	1.6
		68'x64' (2-CT)			6	2@180° (Interior)	5°	BAS3-PLED-IV-CL-60LED-875mA-40K	45252	332.2	Vertical @ 6'AG	29	31	25
		68'x64' (2-CT)		6		2@180° (Perimeter)	5°	BAS2-PLED-IV-CL-40LED-700mA-40K	25160	173.6	Vertical @ 6'AG	29	30	24
					#2 (Perpendicular <sup>2</sup> )	34'x64' (1-CT)	30	4	1 - Single	N/A	BAS3-PLED-IV-CL-60LED-875mA-40K	22626	166.1	PPA @ 3'AG
	68'x64' (2-CT)	6	2@180° (Interior)	N/A		BAS3-PLED-IV-CL-60LED-875mA-40K			45252	332.2	Vertical @ 6'AG	28	31	22
	68'x64' (2-CT)		6	1 - Single (Perimeter)		N/A		BAS3-PLED-IV-CL-60LED-875mA-40K	22626	166.1	PPA @ 3'AG	38	48	29
		68'x64' (2-CT)		6		1 - Single (Perimeter)		N/A	BAS3-PLED-IV-CL-60LED-875mA-40K	22626	166.1	Vertical @ 6'AG	28	32

Notes: <sup>1</sup>Parallel Luminaire Arrangement Option: Luminaire Orientations run Parallel to the Sidelines, not overhanging the court(s). Typical Mounting Arrangement is 2@180°. 2x2@180° option available if required to reach recommended Footcandle levels. All Parallel Luminaire Arrangement Options require rotated PLED optics (FRO-L / FRO-R) in the direction of the courts (Not Applicable for VSQ-N & VSQ-M). Pivot Tilt (0 - 5°) option coincides with Parallel Luminaire Arrangement Option & rotated PLED optics (field adjustable, no special order or parts required). Luminaire Symbol with Arrow: Indicates rotated PLED optics (FRO-L / FRO-R) + the direction of PLED distribution and Pivot Tilt (if applicable).

<sup>2</sup>Perpendicular Luminaire Arrangement Option: Luminaire Orientations run Perpendicular to the Sidelines, overhanging the court(s). Typical Mounting Arrangements are 1 - Single & 2@180°. 3@90° & 4@90° options available if required to reach recommended Footcandle levels. Pivot Tilt (0 - 5°) option not recommended with Parallel Luminaire Arrangement Option. Rotated PLED optics typically not required.



#2 - Perpendicular



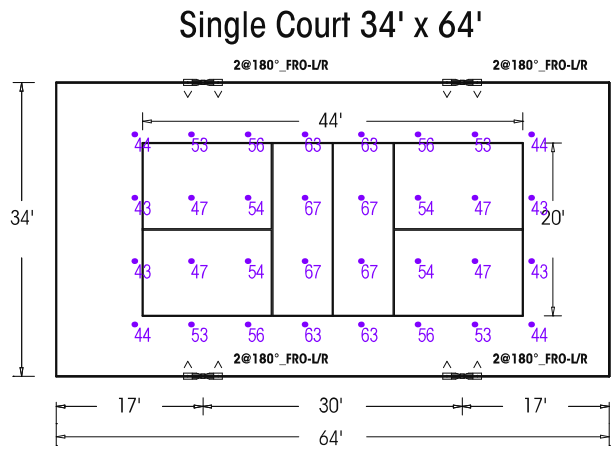
Court Type: Pickleball

Category: II - Club Court Size: 34'x64' & 68'x64' (1-CT & 2-CT)

Category	Luminaire Arrangement Options	Court Size	Pole Spacing (ft)	Pole Count	Luminaire Count / Mounting Arrangement	Pivot Tilt (°)	Recommended Part Number(s) Per Pole	Lumens Per Pole	Watts Per Pole	Illuminance Levels (FC)					
										Illuminance (FC)	AVG FC	MAX FC	MIN FC	MAX: MIN	
II - Club	#1 (Parallel <sup>1</sup> )	34'x64' (1-CT)	30	4	2@180°	5°	BAS2-PLED-IV-CL-40LED-1225mA-40K	38196	317.8	PPA @ 3'AG	53	67	43	1.6	
		68'x64' (2-CT)			6	2@180° (Interior)	5°	BAS4-PLED-IV-CL-80LED-1225mA-40K	76430	635.8	Vertical @ 6'AG	43	46	38	1.2
		68'x64' (2-CT)		6		2@180° (Perimeter)	5°	BAS2-PLED-IV-CL-40LED-1225mA-40K	38196	317.8	PPA @ 3'AG	58	77	44	1.8
					68'x64' (2-CT)	6	6	1 - Single	N/A	BAS4-PLED-IV-CL-80LED-1050mA-40K	34323	269.5	Vertical @ 6'AG	46	49
	#2 (Perpendicular <sup>2</sup> )	34'x64' (1-CT)	30	4					1 - Single	N/A	BAS4-PLED-IV-CL-80LED-1050mA-40K	34323	269.5	PPA @ 3'AG	55
		68'x64' (2-CT)			6	2@180° (Interior)	N/A	BAS4-PLED-IV-CL-80LED-1050mA-40K	68646	539.0	Vertical @ 6'AG	42	47	34	1.4
				68'x64' (2-CT)		6	6	1 - Single (Perimeter)	N/A	BAS4-PLED-IV-CL-80LED-1050mA-40K	34323	269.5	PPA @ 3'AG	58	73
		68'x64' (2-CT)			6			6	1 - Single (Perimeter)	N/A	BAS4-PLED-IV-CL-80LED-1050mA-40K	34323	269.5	Vertical @ 6'AG	43

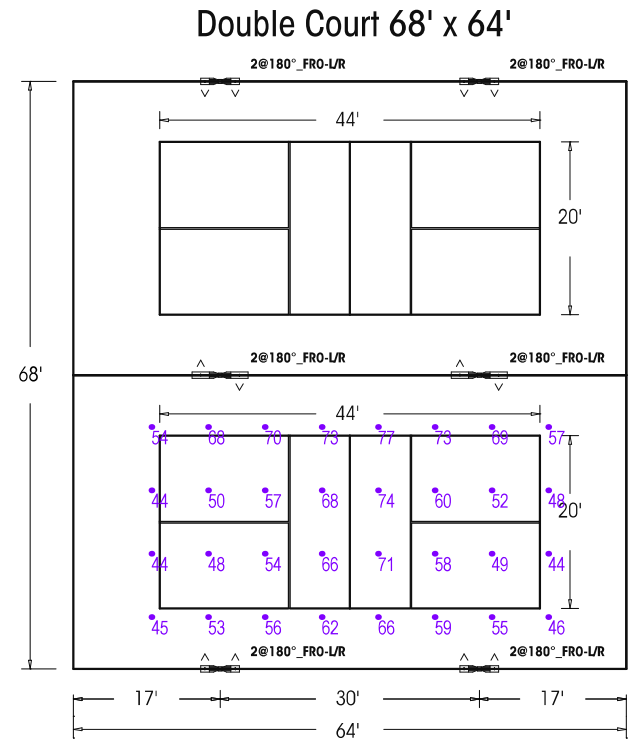
Notes: <sup>1</sup>Parallel Luminaire Arrangement Option: Luminaire Orientations run Parallel to the Sidelines, not overhanging the court(s). Typical Mounting Arrangement is 2@180°. 2x2@180° option available if required to reach recommended Footcandle levels. All Parallel Luminaire Arrangement Options require rotated PLED optics (FRO-L / FRO-R) in the direction of the courts (Not Applicable for VSQ-N & VSQ-M). Pivot Tilt (0 - 5°) option coincides with Parallel Luminaire Arrangement Option & rotated PLED optics (field adjustable, no special order or parts required). Luminaire Symbol with Arrow: Indicates rotated PLED optics (FRO-L / FRO-R) + the direction of PLED distribution and Pivot Tilt (if applicable).

<sup>2</sup>Perpendicular Luminaire Arrangement Option: Luminaire Orientations run Perpendicular to the Sidelines, overhanging the court(s). Typical Mounting Arrangements are 1 - Single & 2@180°. 3@90° & 4@90° options available if required to reach recommended Footcandle levels. Pivot Tilt (0 - 5°) option not recommended with Parallel Luminaire Arrangement Option. Rotated PLED optics typically not required.



Single Court 34' x 64'

#1 - Parallel



Double Court 68' x 64'

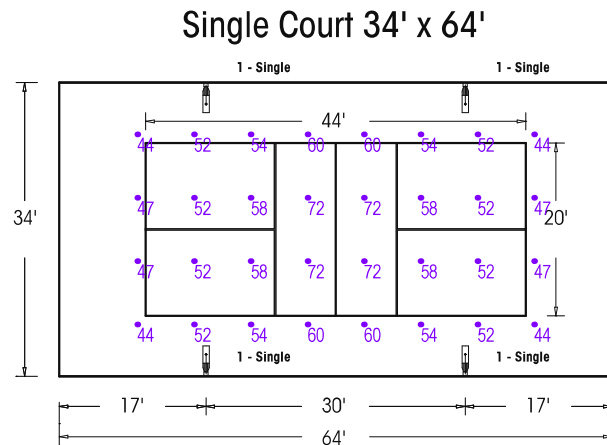
Court Type: Pickleball

Category: II - Club Court Size: 34'x64' & 68'x64' (1-CT & 2-CT)

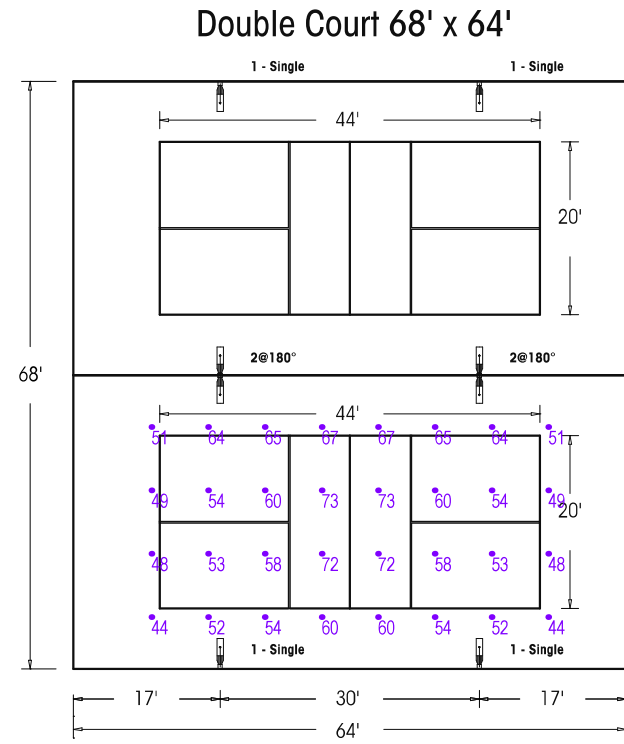
Category	Luminaire Arrangement Options	Court Size	Pole Spacing (ft)	Pole Count	Luminaire Count / Mounting Arrangement	Pivot Tilt (°)	Recommended Part Number(s) Per Pole	Lumens Per Pole	Watts Per Pole	Illuminance Levels (FC)				
										Illuminance (FC)	AVG FC	MAX FC	MIN FC	MAX: MIN
II - Club	#1 (Parallel <sup>1</sup> )	34'x64' (1-CT)	30	4	2@180°	5°	BAS2-PLED-IV-CL-40LED-1225mA-40K	38196	317.8	PPA @ 3'AG	53	67	43	1.6
		68'x64' (2-CT)		6	2@180° (Interior)	5°	BAS4-PLED-IV-CL-80LED-1225mA-40K	76430	635.8	PPA @ 3'AG	43	46	38	1.2
				6	2@180° (Perimeter)	5°	BAS2-PLED-IV-CL-40LED-1225mA-40K	38196	317.8	Vertical @ 6'AG	58	77	44	1.8
		6		2@180° (Perimeter)	5°	BAS2-PLED-IV-CL-40LED-1225mA-40K	38196	317.8	Vertical @ 6'AG	46	49	38	1.3	
	#2 (Perpendicular <sup>2</sup> )	34'x64' (1-CT)	30	4	1 - Single	N/A	BAS4-PLED-IV-CL-80LED-1050mA-40K	34323	269.5	PPA @ 3'AG	55	72	44	1.6
		68'x64' (2-CT)		6	2@180° (Interior)	N/A	BAS4-PLED-IV-CL-80LED-1050mA-40K	68646	539.0	PPA @ 3'AG	42	47	34	1.4
				6	2@180° (Interior)	N/A	BAS4-PLED-IV-CL-80LED-1050mA-40K	68646	539.0	PPA @ 3'AG	58	73	44	1.7
		6		1 - Single (Perimeter)	N/A	BAS4-PLED-IV-CL-80LED-1050mA-40K	34323	269.5	Vertical @ 6'AG	43	48	34	1.4	

Notes: <sup>1</sup>Parallel Luminaire Arrangement Option: Luminaire Orientations run Parallel to the Sidelines, not overhanging the court(s). Typical Mounting Arrangement is 2@180°. 2x2@180° option available if required to reach recommended Footcandle levels. All Parallel Luminaire Arrangement Options require rotated PLED optics (FRO-L / FRO-R) in the direction of the courts (Not Applicable for VSQ-N & VSQ-M). Pivot Tilt (0 - 5°) option coincides with Parallel Luminaire Arrangement Option & rotated PLED optics (field adjustable, no special order or parts required). Luminaire Symbol with Arrow: Indicates rotated PLED optics (FRO-L / FRO-R) + the direction of PLED distribution and Pivot Tilt (if applicable).

<sup>2</sup>Perpendicular Luminaire Arrangement Option: Luminaire Orientations run Perpendicular to the Sidelines, overhanging the court(s). Typical Mounting Arrangements are 1 - Single & 2@180°. 3@90° & 4@90° options available if required to reach recommended Footcandle levels. Pivot Tilt (0 - 5°) option not recommended with Parallel Luminaire Arrangement Option. Rotated PLED optics typically not required.



#2 - Perpendicular



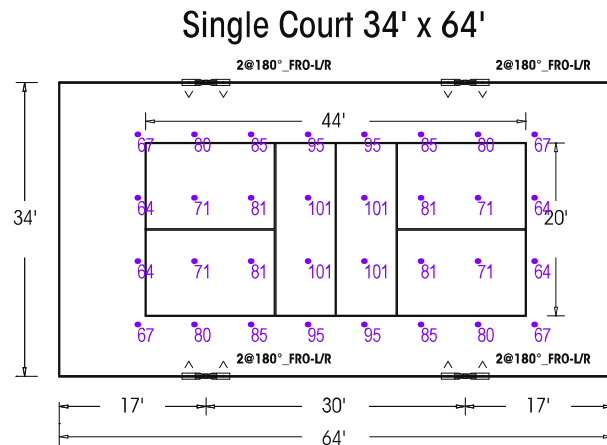
Court Type: Pickleball

Category: I - Professional Court Size: 34'x64' & 68'x64' (1-CT & 2-CT)

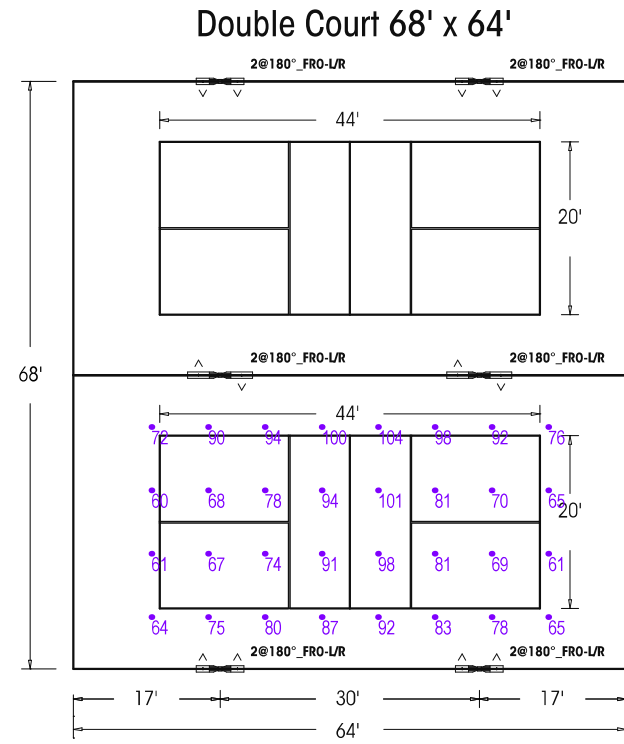
Category	Luminaire Arrangement Options	Court Size	Pole Spacing (ft)	Pole Count	Luminaire Count / Mounting Arrangement	Pivot Tilt (°)	Recommended Part Number(s) Per Pole	Lumens Per Pole	Watts Per Pole	Illuminance Levels (FC)				
										Illuminance (FC)	AVG FC	MAX FC	MIN FC	MAX: MIN
I - Professional	#1 (Parallel <sup>1</sup> )	34'x64' (1-CT)	30	4	2@180°	5°	BAS3-PLED-IV-CL-60LED-1225mA-40K	57294	476.8	PPA @ 3'AG	81	101	64	1.6
		68'x64' (2-CT)		6	2@180° (Interior)	5°	BAS5-PLED-IV-CL-100LED-1225mA-40K	95488	794.6	PPA @ 3'AG	64	69	57	1.2
				6	2@180° (Perimeter)	5°	BAS3-PLED-IV-CL-60LED-1225mA-40K	57294	476.8	Vertical @ 6'AG	80	104	60	1.7
		#2 (Perpendicular <sup>2</sup> )		34'x64' (1-CT)	30	4	1 - Single	N/A	BAS6-PLED-IV-CL-120LED-1050mA-40K	51459	404.3	PPA @ 3'AG	62	65
	68'x64' (2-CT)		6	2@180° (Interior)		N/A	BAS6-PLED-IV-CL-120LED-1050mA-40K	102918	808.6	PPA @ 3'AG	83	107	67	1.6
			6	1 - Single (Perimeter)		N/A	BAS6-PLED-IV-CL-120LED-1050mA-40K	51459	404.3	Vertical @ 6'AG	64	72	52	1.4
	6		1 - Single (Perimeter)	N/A		BAS6-PLED-IV-CL-120LED-1050mA-40K	51459	404.3	Vertical @ 6'AG	87	110	67	1.6	
	6	1 - Single (Perimeter)	N/A	BAS6-PLED-IV-CL-120LED-1050mA-40K	51459	404.3	Vertical @ 6'AG	65	72	51	1.4			

Notes: <sup>1</sup>Parallel Luminaire Arrangement Option: Luminaire Orientations run Parallel to the Sidelines, not overhanging the court(s). Typical Mounting Arrangement is 2@180°. 2x2@180° option available if required to reach recommended Footcandle levels. All Parallel Luminaire Arrangement Options require rotated PLED optics (FRO-L / FRO-R) in the direction of the courts (Not Applicable for VSQ-N & VSQ-M). Pivot Tilt (0 - 5°) option coincides with Parallel Luminaire Arrangement Option & rotated PLED optics (field adjustable, no special order or parts required). Luminaire Symbol with Arrow: Indicates rotated PLED optics (FRO-L / FRO-R) + the direction of PLED distribution and Pivot Tilt (if applicable).

<sup>2</sup>Perpendicular Luminaire Arrangement Option: Luminaire Orientations run Perpendicular to the Sidelines, overhanging the court(s). Typical Mounting Arrangements are 1 - Single & 2@180°. 3@90° & 4@90° options available if required to reach recommended Footcandle levels. Pivot Tilt (0 - 5°) option not recommended with Parallel Luminaire Arrangement Option. Rotated PLED optics typically not required.



#1 - Parallel



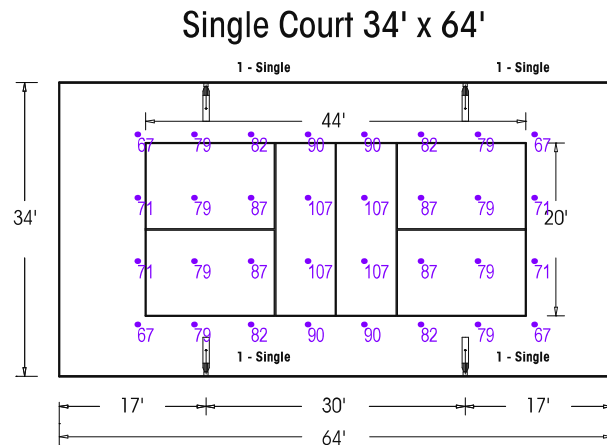
Court Type: Pickleball

Category: I - Professional Court Size: 34'x64' & 68'x64' (1-CT & 2-CT)

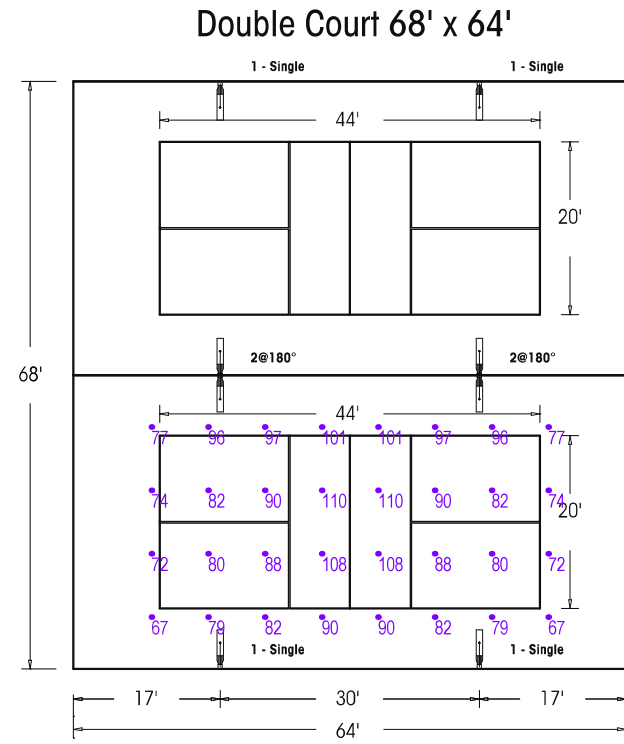
Category	Luminaire Arrangement Options	Court Size	Pole Spacing (ft)	Pole Count	Luminaire Count / Mounting Arrangement	Pivot Tilt (°)	Recommended Part Number(s) Per Pole	Lumens Per Pole	Watts Per Pole	Illuminance Levels (FC)				
										Illuminance (FC)	AVG FC	MAX FC	MIN FC	MAX: MIN
I - Professional	#1 (Parallel <sup>1</sup> )	34'x64' (1-CT)	30	4	2@180°	5°	BAS3-PLED-IV-CL-60LED-1225mA-40K	57294	476.8	PPA @ 3'AG	81	101	64	1.6
					Vertical @ 6'AG	64	69	57	1.2					
		68'x64' (2-CT)		6	2@180° (Interior)	5°	BAS5-PLED-IV-CL-100LED-1225mA-40K	95488	794.6	PPA @ 3'AG	80	104	60	1.7
					2@180° (Perimeter)	5°	BAS3-PLED-IV-CL-60LED-1225mA-40K	57294	476.8	Vertical @ 6'AG	62	65	53	1.2
	#2 (Perpendicular <sup>2</sup> )	34'x64' (1-CT)	30	4	1 - Single	N/A	BAS6-PLED-IV-CL-120LED-1050mA-40K	51459	404.3	PPA @ 3'AG	83	107	67	1.6
					Vertical @ 6'AG	64	72	52	1.4					
		68'x64' (2-CT)		6	2@180° (Interior)	N/A	BAS6-PLED-IV-CL-120LED-1050mA-40K	102918	808.6	PPA @ 3'AG	87	110	67	1.6
					1 - Single (Perimeter)	N/A	BAS6-PLED-IV-CL-120LED-1050mA-40K	51459	404.3	Vertical @ 6'AG	65	72	51	1.4

Notes: <sup>1</sup>**Parallel Luminaire Arrangement Option:** Luminaire Orientations run Parallel to the Sidelines, not overhanging the court(s). Typical Mounting Arrangement is **2@180°**. **2x2@180°** option available if required to reach recommended Footcandle levels. All Parallel Luminaire Arrangement Options require rotated PLED optics (FRO-L / FRO-R) in the direction of the courts (Not Applicable for VSQ-N & VSQ-M). Pivot Tilt (0 - 5°) option coincides with Parallel Luminaire Arrangement Option & rotated PLED optics (field adjustable, no special order or parts required). **Luminaire Symbol with Arrow:** Indicates rotated PLED optics (FRO-L / FRO-R) + the direction of PLED distribution and Pivot Tilt (if applicable).

<sup>2</sup>**Perpendicular Luminaire Arrangement Option:** Luminaire Orientations run Perpendicular to the Sidelines, overhanging the court(s). Typical Mounting Arrangements are **1 - Single & 2@180°**. **3@90° & 4@90°** options available if required to reach recommended Footcandle levels. Pivot Tilt (0 - 5°) option not recommended with Parallel Luminaire Arrangement Option. Rotated PLED optics typically not required.



#2 - Perpendicular



Court Type: Tennis

Category: III - Recreation Court Size: 60'x120' & 120'x120' (1-CT & 2-CT)

Category	Luminaire Arrangement Options	Court Size	Pole Spacing (ft)	Pole Count	Luminaire Count / Mounting Arrangement	Pivot Tilt (°)	Recommended Part Number(s) Per Pole	Lumens Per Pole	Watts Per Pole	Illuminance Levels (FC)				
										Illuminance (FC)	AVG FC	MAX FC	MIN FC	MAX: MIN
III - Recreation	#1 (Parallel <sup>1</sup> )	60'x120' (1-CT)	40	6	2@180°	5°	BAS3-PLED-IV-CL-60LED-1050mA-40K	51460	404.2	PPA @ 3'AG	37	45	31	1.5
		120'x120' (2-CT)			2@180° (Interior)	5°	BAS6-PLED-IV-CL-120LED-1050mA-40K	102918	808.6	PPA @ 3'AG	38	47	31	1.5
	#2 (Perpendicular <sup>2</sup> )	60'x120' (1-CT)	40	6	1 - Single	N/A	BAS6-PLED-IV-CL-120LED-1225mA-40K	57294	476.8	PPA @ 3'AG	45	56	37	1.5
					2@180° (Interior)	N/A	BAS6-PLED-IV-CL-120LED-1225mA-40K	114588	953.6	PPA @ 3'AG	45	59	37	1.6
		120'x120' (2-CT)	40	9	2@180° (Interior)	N/A	BAS6-PLED-IV-CL-120LED-1225mA-40K	114588	953.6	PPA @ 3'AG	45	59	37	1.6
					1 - Single (Perimeter)	N/A	BAS6-PLED-IV-CL-120LED-1225mA-40K	57294	476.8	Vertical @ 6'AG	21	22	19	1.2

Notes: <sup>1</sup>Parallel Luminaire Arrangement Option: Luminaire Orientations run Parallel to the Sidelines, not overhanging the court(s).

Typical Mounting Arrangement is 2@180°. 2x2@180° option available if required to reach recommended Footcandle levels.

All Parallel Luminaire Arrangement Options require rotated PLED optics (FRO-L / FRO-R) in the direction of the courts (Not Applicable for VSQ-N & VSQ-M).

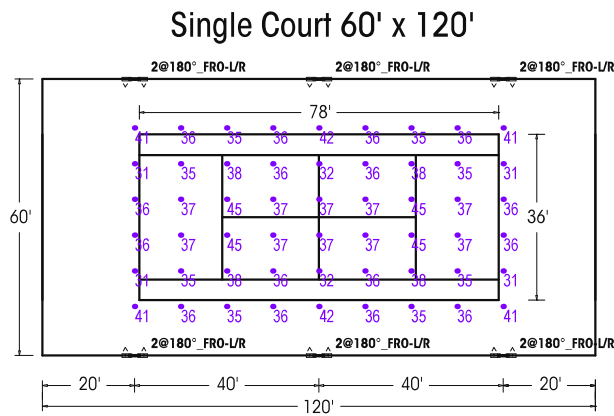
Pivot Tilt (0 - 5°) option coincides with Parallel Luminaire Arrangement Option & rotated PLED optics (field adjustable, no special order or parts required)

Luminaire Symbol with Arrow: Indicates rotated PLED optics (FRO-L / FRO-R) + the direction of PLED distribution and Pivot Tilt (if applicable).

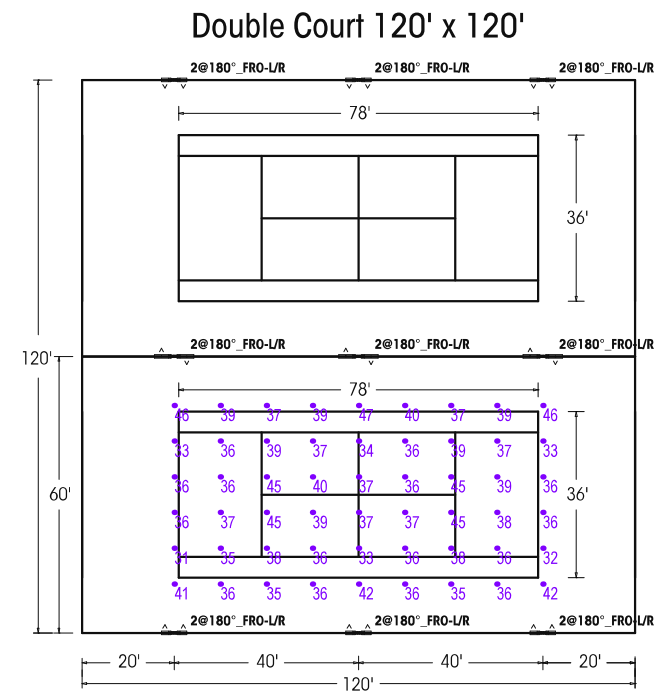
<sup>2</sup>Perpendicular Luminaire Arrangement Option: Luminaire Orientations run Perpendicular to the Sidelines, overhanging the court(s).

Typical Mounting Arrangements are 1 - Single & 2@180°. 3@90° & 4@90° options available if required to reach recommended Footcandle levels.

Pivot Tilt (0 - 5°) option not recommended with Parallel Luminaire Arrangement Option. Rotated PLED optics typically not required.



#1 - Parallel



Court Type: Tennis

Category: III - Recreation Court Size: 60'x120' & 120'x120' (1-CT & 2-CT)

Category	Luminaire Arrangement Options	Court Size	Pole Spacing (ft)	Pole Count	Luminaire Count / Mounting Arrangement	Pivot Tilt (°)	Recommended Part Number(s) Per Pole	Lumens Per Pole	Watts Per Pole	Illuminance Levels (FC)				
										Illuminance (FC)	AVG FC	MAX FC	MIN FC	MAX: MIN
III - Recreation	#1 (Parallel <sup>1</sup> )	60'x120' (1-CT)	40	6	2@180°	5°	BAS3-PLED-IV-CL-60LED-1050mA-40K	51460	404.2	PPA @ 3'AG	37	45	31	1.5
		Vertical @ 6'AG			22	23	22	1.1						
		120'x120' (2-CT)		9	2@180° (Interior)	5°	BAS6-PLED-IV-CL-120LED-1050mA-40K	102918	808.6	PPA @ 3'AG	38	47	31	1.5
	2@180° (Perimeter)	5°	BAS3-PLED-IV-CL-60LED-1050mA-40K		51460	404.2	Vertical @ 6'AG	26	31	22	1.4			
	#2 (Perpendicular <sup>2</sup> )	60'x120' (1-CT)	40	6	1 - Single	N/A	BAS6-PLED-IV-CL-120LED-1225mA-40K	57294	476.8	PPA @ 3'AG	45	56	37	1.5
		Vertical @ 6'AG			21	21	19	1.1						
120'x120' (2-CT)		9		2@180° (Interior)	N/A	BAS6-PLED-IV-CL-120LED-1225mA-40K	114588	953.6	PPA @ 3'AG	45	59	37	1.6	
1 - Single (Perimeter)	N/A		BAS6-PLED-IV-CL-120LED-1225mA-40K	57294	476.8	Vertical @ 6'AG	21	22	19	1.2				

Notes: <sup>1</sup>Parallel Luminaire Arrangement Option: Luminaire Orientations run Parallel to the Sidelines, not overhanging the court(s).

Typical Mounting Arrangement is 2@180°. 2x2@180° option available if required to reach recommended Footcandle levels.

All Parallel Luminaire Arrangement Options require rotated PLED optics (FRO-L / FRO-R) in the direction of the courts (Not Applicable for VSQ-N & VSQ-M).

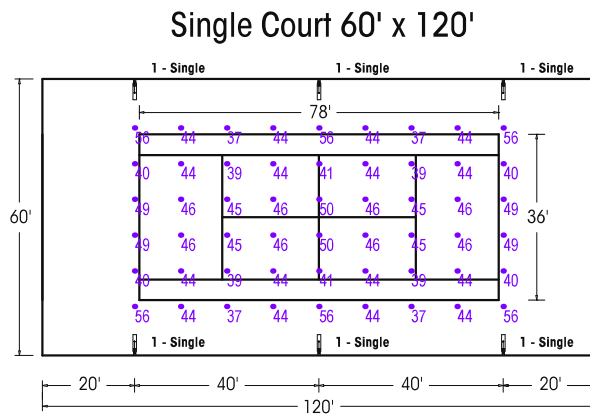
Pivot Tilt (0 - 5°) option coincides with Parallel Luminaire Arrangement Option & rotated PLED optics (field adjustable, no special order or parts required)

Luminaire Symbol with Arrow: Indicates rotated PLED optics (FRO-L / FRO-R) + the direction of PLED distribution and Pivot Tilt (if applicable).

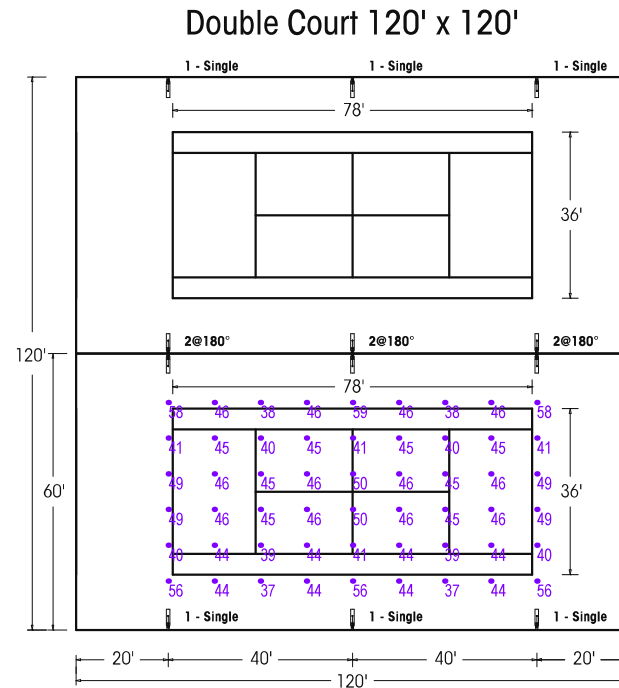
<sup>2</sup>Perpendicular Luminaire Arrangement Option: Luminaire Orientations run Perpendicular to the Sidelines, overhanging the court(s).

Typical Mounting Arrangements are 1 - Single & 2@180°. 3@90° & 4@90° options available if required to reach recommended Footcandle levels.

Pivot Tilt (0 - 5°) option not recommended with Parallel Luminaire Arrangement Option. Rotated PLED optics typically not required.



#2 - Perpendicular



Court Type: Tennis

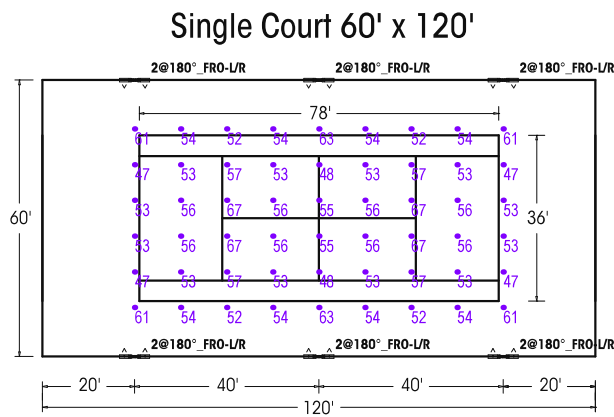
Category: II - Club

Court Size: 60'x120' & 120'x120' (1-CT & 2-CT)

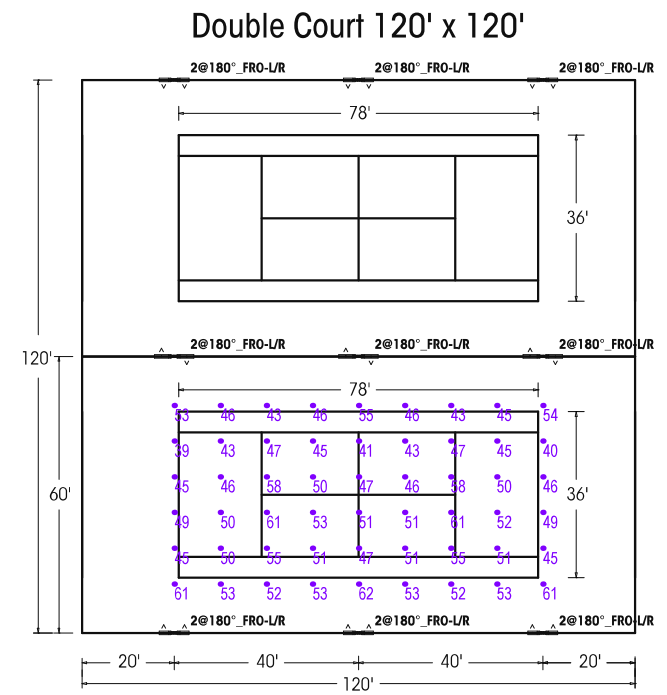
Category	Luminaire Arrangement Options	Court Size	Pole Spacing (ft)	Pole Count	Luminaire Count / Mounting Arrangement	Pivot Tilt (°)	Recommended Part Number(s) Per Pole	Lumens Per Pole	Watts Per Pole	Illuminance Levels (FC)				
										Illuminance (FC)	AVG FC	MAX FC	MIN FC	MAX: MIN
II - Club	#1 (Parallel <sup>1</sup> )	60'x120' (1-CT)	40	6	2@180°	5°	BAS4-PLED-IV-CL-80LED-1225mA-40K	76430	635.8	PPA @ 3'AG	55	67	47	1.4
		Vertical @ 6'AG								33	35	32	1.1	
		120'x120' (2-CT)		9	2@180° (Interior)	5°	BAS6-PLED-IV-CL-120LED-1400mA-40K	124148	1100.4	PPA @ 3'AG	50	62	39	1.6
	2@180° (Perimeter)	5°	BAS4-PLED-IV-CL-80LED-1225mA-40K		76430	635.8	Vertical @ 6'AG	33	36	31	1.2			
	#2 (Perpendicular <sup>2</sup> )	60'x120' (1-CT)	N/A (Parallel Option Only Available)	N/A	N/A	N/A	N/A	N/A	N/A	PPA @ 3'AG	N/A			
		Vertical @ 6'AG								N/A				
PPA @ 3'AG		N/A												
		120'x120' (2-CT)								Vertical @ 6'AG	N/A			

Notes: <sup>1</sup>**Parallel Luminaire Arrangement Option:** Luminaire Orientations run Parallel to the Sidelines, not overhanging the court(s). Typical Mounting Arrangement is **2@180°**. **2x2@180°** option available if required to reach recommended Footcandle levels. All Parallel Luminaire Arrangement Options require rotated PLED optics (FRO-L / FRO-R) in the direction of the courts (Not Applicable for VSQ-N & VSQ-M). Pivot Tilt (0 - 5°) option coincides with Parallel Luminaire Arrangement Option & rotated PLED optics (field adjustable, no special order or parts required). **Luminaire Symbol with Arrow:** Indicates rotated PLED optics (FRO-L / FRO-R) + the direction of PLED distribution and Pivot Tilt (if applicable).

<sup>2</sup>**Perpendicular Luminaire Arrangement Option:** Luminaire Orientations run Perpendicular to the Sidelines, overhanging the court(s). Typical Mounting Arrangements are **1 - Single & 2@180°**. **3@90° & 4@90°** options available if required to reach recommended Footcandle levels. Pivot Tilt (0 - 5°) option not recommended with Parallel Luminaire Arrangement Option. Rotated PLED optics typically not required.



#1 - Parallel



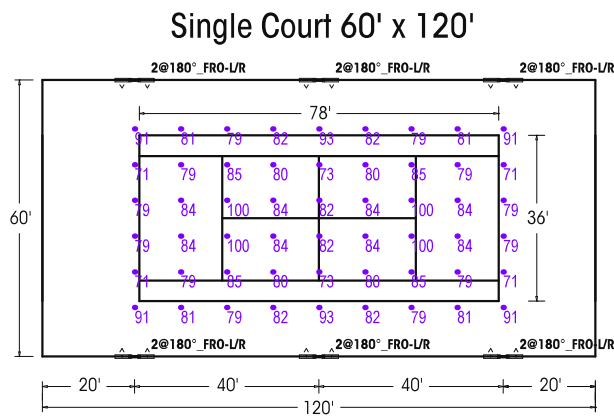
Court Type: Tennis

Category: I - Professional Court Size: 60'x120' & 120'x120' (1-CT & 2-CT)

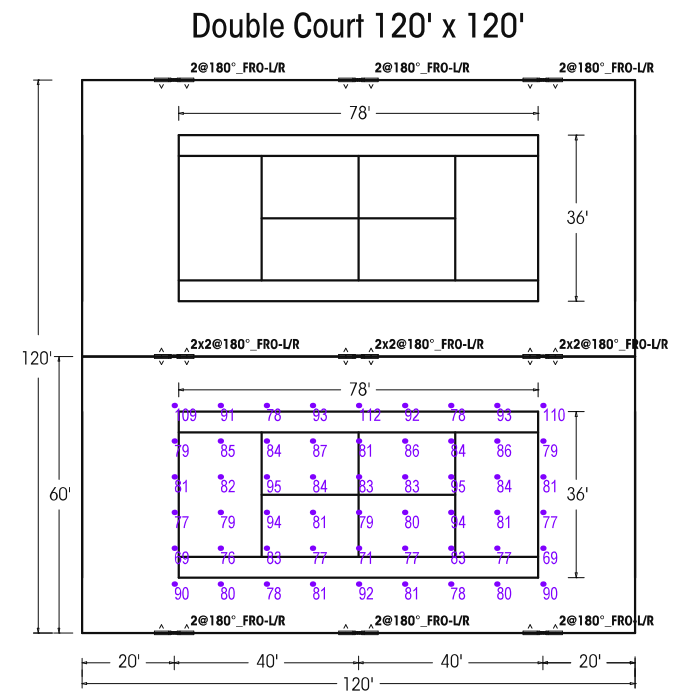
Category	Luminaire Arrangement Options	Court Size	Pole Spacing (ft)	Pole Count	Luminaire Count / Mounting Arrangement	Pivot Tilt (°)	Recommended Part Number(s) Per Pole	Lumens Per Pole	Watts Per Pole	Illuminance Levels (FC)				
										Illuminance (FC)	AVG FC	MAX FC	MIN FC	MAX: MIN
I - Professional	#1 (Parallel <sup>1</sup> )	60'x120' (1-CT)	40	6	2@180°	5°	BAS6-PLED-IV-CL-120LED-1225mA-40K	114588	953.6	PPA @ 3'AG	83	100	71	1.4
		120'x120' (2-CT)			9	2x2@180° (Interior)	5°	BAS6-PLED-IV-CL-120LED-1225mA-40K	229176	1907.2	Vertical @ 6'AG	50	52	48
		120'x120' (2-CT)		2@180° (Perimeter)		5°	BAS6-PLED-IV-CL-120LED-1225mA-40K	114588	953.6	PPA @ 3'AG	84	112	69	1.6
				Vertical @ 6'AG	48	50	46	1.1						
	#2 (Perpendicular <sup>2</sup> )	60'x120' (1-CT)	N/A (Parallel Option Only Available)				N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
		120'x120' (2-CT)	N/A (Parallel Option Only Available)				N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Notes: <sup>1</sup>Parallel Luminaire Arrangement Option: Luminaire Orientations run Parallel to the Sidelines, not overhanging the court(s). Typical Mounting Arrangement is 2@180°. 2x2@180° option available if required to reach recommended Footcandle levels. All Parallel Luminaire Arrangement Options require rotated PLED optics (FRO-L / FRO-R) in the direction of the courts (Not Applicable for VSQ-N & VSQ-M). Pivot Tilt (0 - 5°) option coincides with Parallel Luminaire Arrangement Option & rotated PLED optics (field adjustable, no special order or parts required). Luminaire Symbol with Arrow: Indicates rotated PLED optics (FRO-L / FRO-R) + the direction of PLED distribution and Pivot Tilt (if applicable).

<sup>2</sup>Perpendicular Luminaire Arrangement Option: Luminaire Orientations run Perpendicular to the Sidelines, overhanging the court(s). Typical Mounting Arrangements are 1 - Single & 2@180°. 3@90° & 4@90° options available if required to reach recommended Footcandle levels. Pivot Tilt (0 - 5°) option not recommended with Parallel Luminaire Arrangement Option. Rotated PLED optics typically not required.



#1 - Parallel



Court Type: Tennis

Category: III - Recreation Court Size: 60'x120' & 120'x120' (1-CT & 2-CT)

Category	Luminaire Arrangement Options	Court Size	Pole Spacing (ft)	Pole Count	Luminaire Count / Mounting Arrangement	Pivot Tilt (°)	Recommended Part Number(s) Per Pole	Lumens Per Pole	Watts Per Pole	Illuminance Levels (FC)				
										Illuminance (FC)	AVG FC	MAX FC	MIN FC	MAX: MIN
III - Recreation	#1 (Parallel <sup>1</sup> )	60'x120' (1-CT)	30	8	2@180°	5°	BAS2-PLED-IV-CL-40LED-1225mA-40K	38196	317.8	PPA @ 3'AG	37	45	31	1.5
		120'x120' (2-CT)			12	2@180° (Interior)	5°	BAS4-PLED-IV-CL-80LED-1225mA-40K	76430	635.8	Vertical @ 6'AG	24	26	19
		120'x120' (2-CT)		12		2@180° (Perimeter)	5°	BAS2-PLED-IV-CL-40LED-1225mA-40K	38196	317.8	Vertical @ 6'AG	24	29	19
					#2 (Perpendicular <sup>2</sup> )	60'x120' (1-CT)	30	8	1 - Single	N/A	BAS4-PLED-IV-CL-80LED-1225mA-40K	38215	317.9	PPA @ 3'AG
	120'x120' (2-CT)	12	2@180° (Interior)	N/A		BAS4-PLED-IV-CL-80LED-1225mA-40K			76430	635.8	Vertical @ 6'AG	24	28	16
	120'x120' (2-CT)		12	1 - Single (Perimeter)		N/A		BAS4-PLED-IV-CL-80LED-1225mA-40K	38215	317.9	Vertical @ 6'AG	24	29	16

Notes: <sup>1</sup>Parallel Luminaire Arrangement Option: Luminaire Orientations run Parallel to the Sidelines, not overhanging the court(s).

Typical Mounting Arrangement is 2@180°. 2x2@180° option available if required to reach recommended Footcandle levels.

All Parallel Luminaire Arrangement Options require rotated PLED optics (FRO-L / FRO-R) in the direction of the courts (Not Applicable for VSQ-N & VSQ-M).

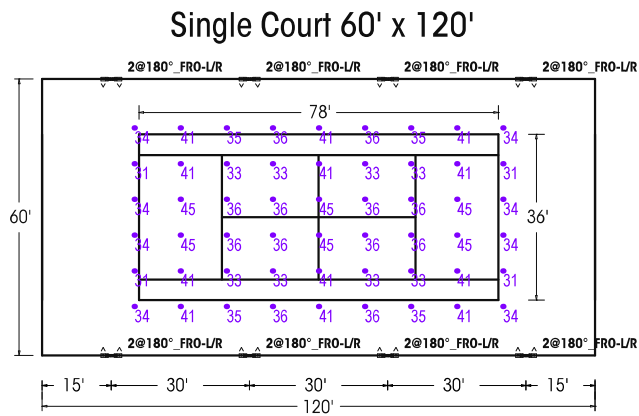
Pivot Tilt (0 - 5°) option coincides with Parallel Luminaire Arrangement Option & rotated PLED optics (field adjustable, no special order or parts required)

Luminaire Symbol with Arrow: Indicates rotated PLED optics (FRO-L / FRO-R) + the direction of PLED distribution and Pivot Tilt (if applicable).

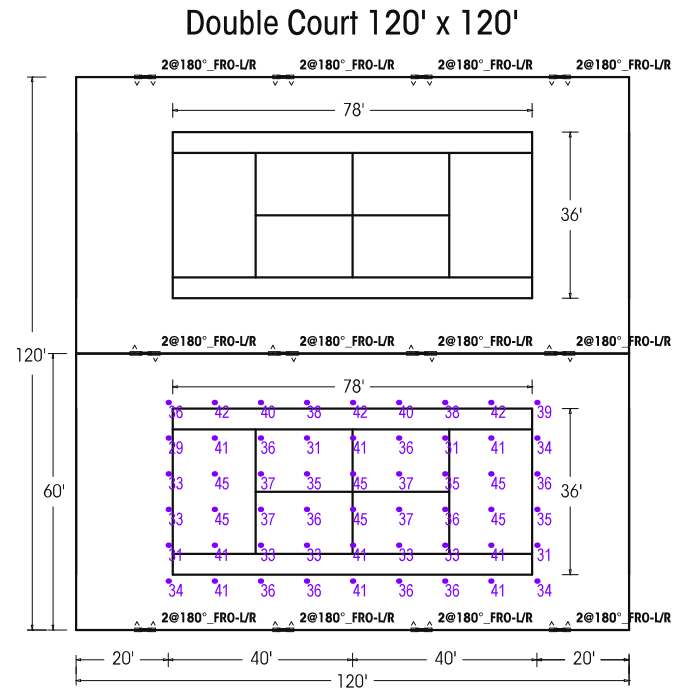
<sup>2</sup>Perpendicular Luminaire Arrangement Option: Luminaire Orientations run Perpendicular to the Sidelines, overhanging the court(s).

Typical Mounting Arrangements are 1 - Single & 2@180°. 3@90° & 4@90° options available if required to reach recommended Footcandle levels.

Pivot Tilt (0 - 5°) option not recommended with Parallel Luminaire Arrangement Option. Rotated PLED optics typically not required.



#1 - Parallel



Court Type: Tennis

Category: III - Recreation Court Size: 60'x120' & 120'x120' (1-CT & 2-CT)

Category	Luminaire Arrangement Options	Court Size	Pole Spacing (ft)	Pole Count	Luminaire Count / Mounting Arrangement	Pivot Tilt (°)	Recommended Part Number(s) Per Pole	Lumens Per Pole	Watts Per Pole	Illuminance Levels (FC)				
										Illuminance (FC)	AVG FC	MAX FC	MIN FC	MAX: MIN
III - Recreation	#1 (Parallel <sup>1</sup> )	60'x120' (1-CT)	30	8	2@180°	5°	BAS2-PLED-IV-CL-40LED-1225mA-40K	38196	317.8	PPA @ 3'AG	37	45	31	1.5
		120'x120' (2-CT)			2@180° (Interior)	5°	BAS4-PLED-IV-CL-80LED-1225mA-40K	76430	635.8	Vertical @ 6'AG	24	26	19	1.4
		2@180° (Perimeter)		5°	BAS2-PLED-IV-CL-40LED-1225mA-40K	38196	317.8	Vertical @ 6'AG	24	29	19	1.5		
	#2 (Perpendicular <sup>2</sup> )	60'x120' (1-CT)	30	8	1 - Single	N/A	BAS4-PLED-IV-CL-80LED-1225mA-40K	38215	317.9	PPA @ 3'AG	39	47	33	1.4
		120'x120' (2-CT)			2@180° (Interior)	N/A	BAS4-PLED-IV-CL-80LED-1225mA-40K	76430	635.8	Vertical @ 6'AG	24	28	16	1.8
		1 - Single (Perimeter)		N/A	BAS4-PLED-IV-CL-80LED-1225mA-40K	38215	317.9	Vertical @ 6'AG	24	29	16	1.8		

Notes: <sup>1</sup>Parallel Luminaire Arrangement Option: Luminaire Orientations run Parallel to the Sidelines, not overhanging the court(s).

Typical Mounting Arrangement is 2@180°. 2x2@180° option available if required to reach recommended Footcandle levels.

All Parallel Luminaire Arrangement Options require rotated PLED optics (FRO-L / FRO-R) in the direction of the courts (Not Applicable for VSQ-N & VSQ-M).

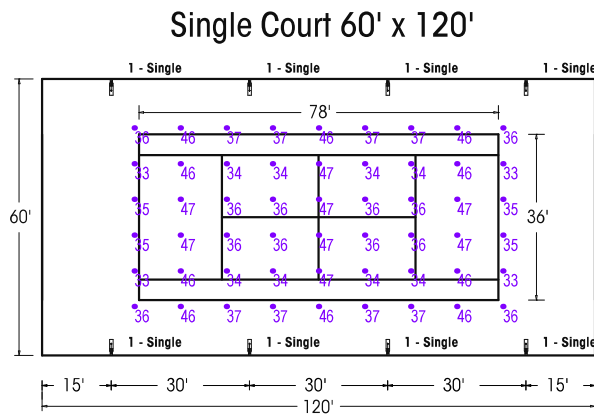
Pivot Tilt (0 - 5°) option coincides with Parallel Luminaire Arrangement Option & rotated PLED optics (field adjustable, no special order or parts required)

Luminaire Symbol with Arrow: Indicates rotated PLED optics (FRO-L / FRO-R) + the direction of PLED distribution and Pivot Tilt (if applicable).

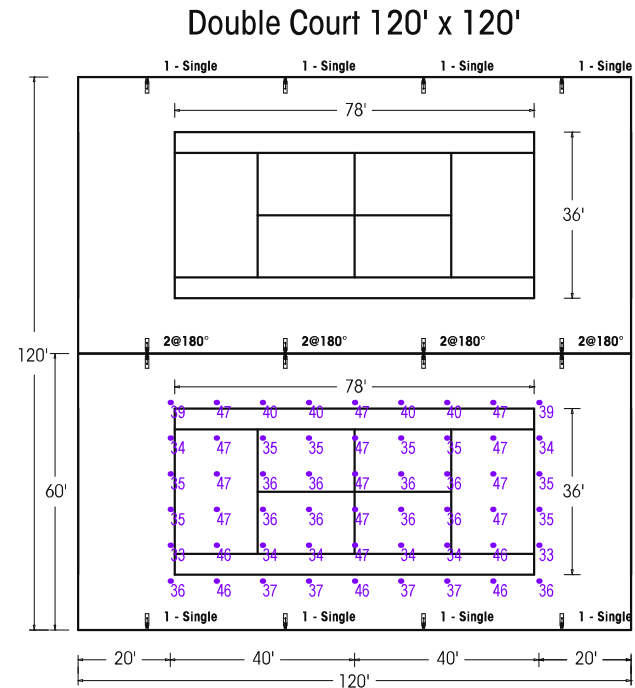
<sup>2</sup>Perpendicular Luminaire Arrangement Option: Luminaire Orientations run Perpendicular to the Sidelines, overhanging the court(s).

Typical Mounting Arrangements are 1 - Single & 2@180°. 3@90° & 4@90° options available if required to reach recommended Footcandle levels.

Pivot Tilt (0 - 5°) option not recommended with Parallel Luminaire Arrangement Option. Rotated PLED optics typically not required.



#2 - Perpendicular



Court Type: Tennis

Category: II - Club

Court Size: 60'x120' & 120'x120' (1-CT & 2-CT)

Category	Luminaire Arrangement Options	Court Size	Pole Spacing (ft)	Pole Count	Luminaire Count / Mounting Arrangement	Pivot Tilt (°)	Recommended Part Number(s) Per Pole	Lumens Per Pole	Watts Per Pole	Illuminance Levels (FC)				
										Illuminance (FC)	AVG FC	MAX FC	MIN FC	MAX: MIN
II - Club	#1 (Parallel <sup>1</sup> )	60'x120' (1-CT)	30	8	2@180°	5°	BAS3-PLED-IV-CL-60LED-1225mA-40K	57294	476.8	PPA @ 3'AG	55	67	46	1.5
		120'x120' (2-CT)			12	2@180° (Interior)	5°	BAS6-PLED-IV-CL-120LED-1225mA-40K	114588	953.6	Vertical @ 6'AG	35	38	29
		120'x120' (2-CT)		12		2@180° (Perimeter)	5°	BAS3-PLED-IV-CL-60LED-1225mA-40K	57294	476.8	Vertical @ 6'AG	36	42	29
					#2 (Perpendicular <sup>2</sup> )	60'x120' (1-CT)	30	8	1 - Single	N/A	BAS6-PLED-IV-CL-120LED-1225mA-40K	57294	476.8	PPA @ 3'AG
	120'x120' (2-CT)	12	2@180° (Interior)	N/A		BAS6-PLED-IV-CL-120LED-1225mA-40K			114588	953.6	Vertical @ 6'AG	37	43	25
	120'x120' (2-CT)		12	1 - Single (Perimeter)		N/A		BAS6-PLED-IV-CL-120LED-1225mA-40K	57294	476.8	Vertical @ 6'AG	61	74	51
		120'x120' (2-CT)		12		1 - Single (Perimeter)		N/A	BAS6-PLED-IV-CL-120LED-1225mA-40K	57294	476.8	Vertical @ 6'AG	37	43

Notes: <sup>1</sup>Parallel Luminaire Arrangement Option: Luminaire Orientations run Parallel to the Sidelines, not overhanging the court(s).

Typical Mounting Arrangement is 2@180°. 2x2@180° option available if required to reach recommended Footcandle levels.

All Parallel Luminaire Arrangement Options require rotated PLED optics (FRO-L / FRO-R) in the direction of the courts (Not Applicable for VSQ-N & VSQ-M).

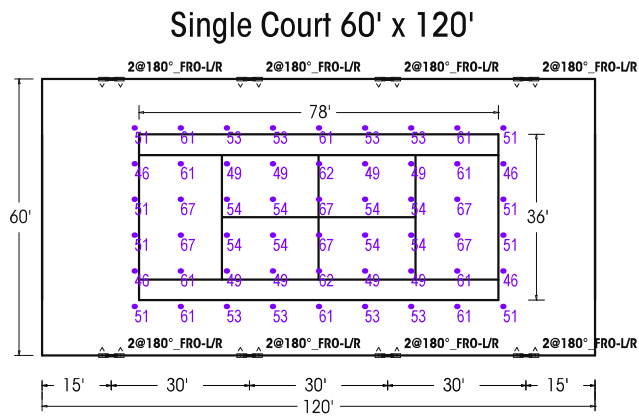
Pivot Tilt (0 - 5°) option coincides with Parallel Luminaire Arrangement Option & rotated PLED optics (field adjustable, no special order or parts required)

Luminaire Symbol with Arrow: Indicates rotated PLED optics (FRO-L / FRO-R) + the direction of PLED distribution and Pivot Tilt (if applicable).

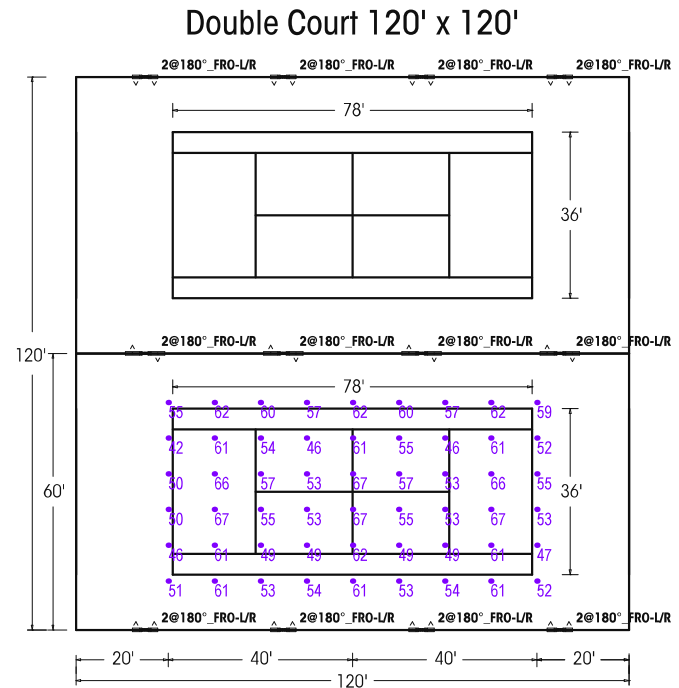
<sup>2</sup>Perpendicular Luminaire Arrangement Option: Luminaire Orientations run Perpendicular to the Sidelines, overhanging the court(s).

Typical Mounting Arrangements are 1 - Single & 2@180°. 3@90° & 4@90° options available if required to reach recommended Footcandle levels.

Pivot Tilt (0 - 5°) option not recommended with Parallel Luminaire Arrangement Option. Rotated PLED optics typically not required.



#1 - Parallel



Court Type: Tennis

Category: II - Club

Court Size: 60'x120' & 120'x120' (1-CT & 2-CT)

Category	Luminaire Arrangement Options	Court Size	Pole Spacing (ft)	Pole Count	Luminaire Count / Mounting Arrangement	Pivot Tilt (°)	Recommended Part Number(s) Per Pole	Lumens Per Pole	Watts Per Pole	Illuminance Levels (FC)				
										Illuminance (FC)	AVG FC	MAX FC	MIN FC	MAX: MIN
II - Club	#1 (Parallel <sup>1</sup> )	60'x120' (1-CT)	30	8	2@180°	5°	BAS3-PLED-IV-CL-60LED-1225mA-40K	57294	476.8	PPA @ 3'AG	55	67	46	1.5
		Vertical @ 6'AG			35	38	29	1.3						
		120'x120' (2-CT)		12	2@180° (Interior)	5°	BAS6-PLED-IV-CL-120LED-1225mA-40K	114588	953.6	PPA @ 3'AG	56	67	42	1.6
					2@180° (Perimeter)	5°	BAS3-PLED-IV-CL-60LED-1225mA-40K	57294	476.8	Vertical @ 6'AG	36	42	29	1.5
	#2 (Perpendicular <sup>2</sup> )	60'x120' (1-CT)	30	8	1 - Single	N/A	BAS6-PLED-IV-CL-120LED-1225mA-40K	57294	476.8	PPA @ 3'AG	60	75	51	1.5
		Vertical @ 6'AG			37	43	25	1.7						
		120'x120' (2-CT)		12	2@180° (Interior)	N/A	BAS6-PLED-IV-CL-120LED-1225mA-40K	114588	953.6	PPA @ 3'AG	61	74	51	1.5
					1 - Single (Perimeter)	N/A	BAS6-PLED-IV-CL-120LED-1225mA-40K	57294	476.8	Vertical @ 6'AG	37	43	25	1.7

Notes: <sup>1</sup>Parallel Luminaire Arrangement Option: Luminaire Orientations run Parallel to the Sidelines, not overhanging the court(s).

Typical Mounting Arrangement is 2@180°. 2x2@180° option available if required to reach recommended Footcandle levels.

All Parallel Luminaire Arrangement Options require rotated PLED optics (FRO-L / FRO-R) in the direction of the courts (Not Applicable for VSQ-N & VSQ-M).

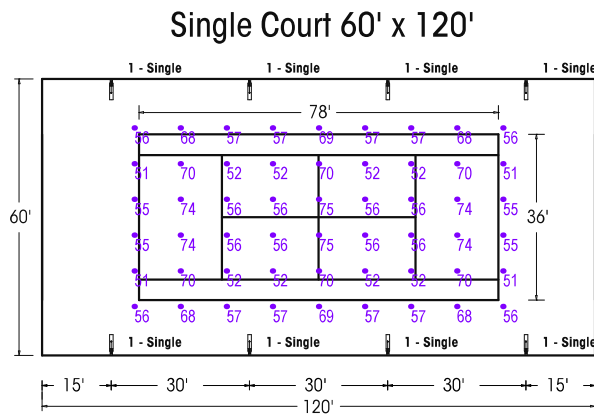
Pivot Tilt (0 - 5°) option coincides with Parallel Luminaire Arrangement Option & rotated PLED optics (field adjustable, no special order or parts required)

Luminaire Symbol with Arrow: Indicates rotated PLED optics (FRO-L / FRO-R) + the direction of PLED distribution and Pivot Tilt (if applicable).

<sup>2</sup>Perpendicular Luminaire Arrangement Option: Luminaire Orientations run Perpendicular to the Sidelines, overhanging the court(s).

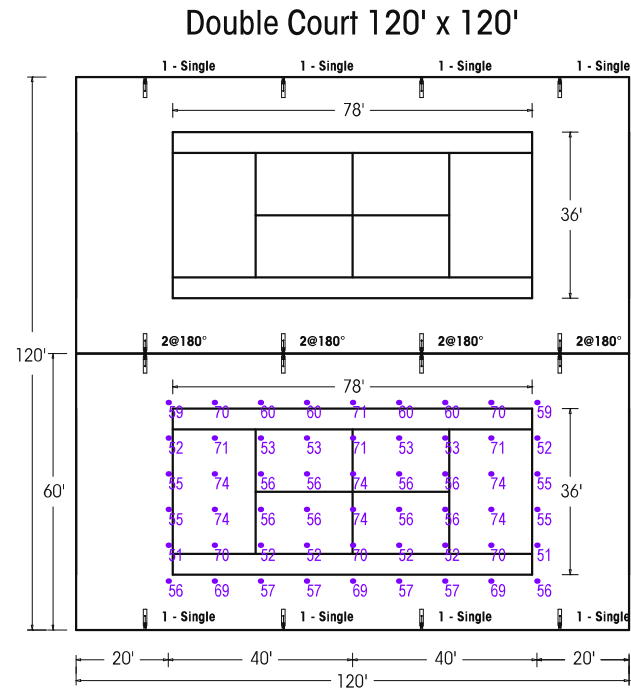
Typical Mounting Arrangements are 1 - Single & 2@180°. 3@90° & 4@90° options available if required to reach recommended Footcandle levels.

Pivot Tilt (0 - 5°) option not recommended with Parallel Luminaire Arrangement Option. Rotated PLED optics typically not required.



Single Court 60' x 120'

#2 - Perpendicular



Double Court 120' x 120'

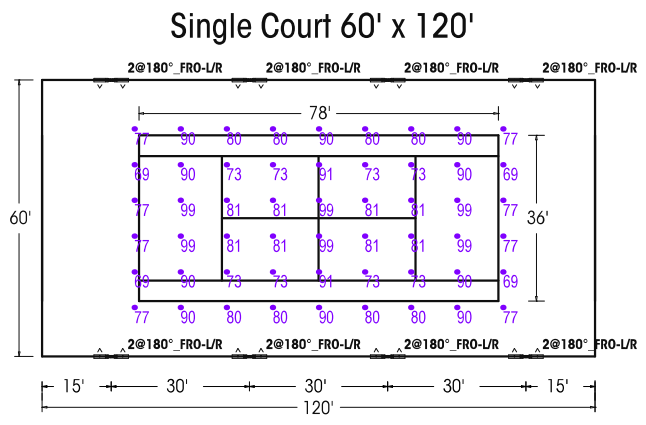
Court Type: Tennis

Category: I - Professional Court Size: 60'x120' & 120'x120' (1-CT & 2-CT)

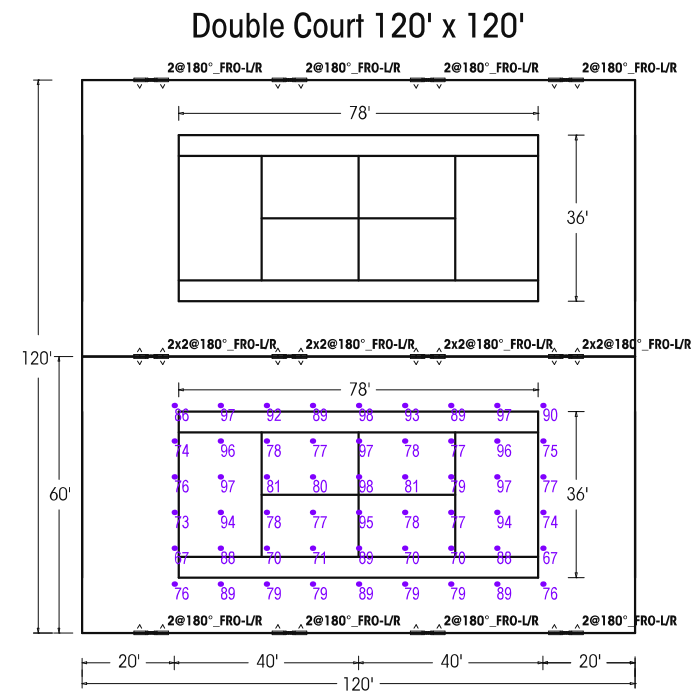
Category	Luminaire Arrangement Options	Court Size	Pole Spacing (ft)	Pole Count	Luminaire Count / Mounting Arrangement	Pivot Tilt (°)	Recommended Part Number(s) Per Pole	Lumens Per Pole	Watts Per Pole	Illuminance Levels (FC)				
										Illuminance (FC)	AVG FC	MAX FC	MIN FC	MAX: MIN
I - Professional	#1 (Parallel <sup>1</sup> )	60'x120' (1-CT)	30	8	2@180°	5°	BAS5-PLED-IV-CL-100LED-1050mA-40K	85764	673.8	PPA @ 3'AG	82	99	69	1.4
		120'x120' (2-CT)			2x2@180° (Interior)	5°	BAS5-PLED-IV-CL-100LED-1050mA-40K	171528	1347.6	Vertical @ 6'AG	51	56	42	1.3
		2@180° (Perimeter)		5°	BAS5-PLED-IV-CL-100LED-1050mA-40K	85764	673.8	Vertical @ 6'AG	83	98	67	1.5		
	#2 (Perpendicular <sup>2</sup> )	60'x120' (1-CT)	N/A (Parallel Option Only Available)		N/A	N/A	N/A	N/A	N/A	PPA @ 3'AG	N/A			
		120'x120' (2-CT)	N/A (Parallel Option Only Available)		N/A	N/A	N/A	N/A	N/A	Vertical @ 6'AG	N/A			
		PPA @ 3'AG	N/A											
										Vertical @ 6'AG	N/A			

Notes: <sup>1</sup>Parallel Luminaire Arrangement Option: Luminaire Orientations run Parallel to the Sidelines, not overhanging the court(s). Typical Mounting Arrangement is 2@180°. 2x2@180° option available if required to reach recommended Footcandle levels. All Parallel Luminaire Arrangement Options require rotated PLED optics (FRO-L / FRO-R) in the direction of the courts (Not Applicable for VSQ-N & VSQ-M). Pivot Tilt (0 - 5°) option coincides with Parallel Luminaire Arrangement Option & rotated PLED optics (field adjustable, no special order or parts required). Luminaire Symbol with Arrow: Indicates rotated PLED optics (FRO-L / FRO-R) + the direction of PLED distribution and Pivot Tilt (if applicable).

<sup>2</sup>Perpendicular Luminaire Arrangement Option: Luminaire Orientations run Perpendicular to the Sidelines, overhanging the court(s). Typical Mounting Arrangements are 1 - Single & 2@180°. 3@90° & 4@90° options available if required to reach recommended Footcandle levels. Pivot Tilt (0 - 5°) option not recommended with Parallel Luminaire Arrangement Option. Rotated PLED optics typically not required.



#1 - Parallel



Court Type: Tennis-to-Pickleball Retrofit (1:1)

Category: III - Recreation Court Size: 60'x120' & 120'x120' (1-CT & 2-CT)

Category	Luminaire Arrangement Options	Court Size	Pole Spacing (ft)	Pole Count	Luminaire Count / Mounting Arrangement	Pivot Tilt (°)	Recommended Part Number(s) Per Pole	Lumens Per Pole	Watts Per Pole	Illuminance Levels (FC)				
										Illuminance (FC)	AVG FC	MAX FC	MIN FC	MAX: MIN
III - Recreation	#1 (Parallel <sup>1</sup> )	60'x120' (1-CT)	40	6	2@180°	5°	BAS3-PLED-IV-CL-60LED-1050mA-40K	51460	404.2	PPA @ 3'AG	39	45	34	1.3
		Vertical @ 6'AG			23	23	22	1.1						
		120'x120' (2-CT)		9	2@180° (Interior)	5°	BAS6-PLED-IV-CL-120LED-1050mA-40K	102918	808.6	PPA @ 3'AG	39	46	34	1.4
					2@180° (Perimeter)	5°	BAS3-PLED-IV-CL-60LED-1050mA-40K	51460	404.2	Vertical @ 6'AG	25	30	23	1.3
	#2 (Perpendicular <sup>2</sup> )	60'x120' (1-CT)	40	6	1 - Single	N/A	BAS6-PLED-IV-CL-120LED-1225mA-40K	57294	476.8	PPA @ 3'AG	45	48	41	1.2
		Vertical @ 6'AG			20	21	19	1.1						
		120'x120' (2-CT)		9	2@180° (Interior)	N/A	BAS6-PLED-IV-CL-120LED-1225mA-40K	114588	953.6	PPA @ 3'AG	45	48	41	1.2
					1 - Single (Perimeter)	N/A	BAS6-PLED-IV-CL-120LED-1225mA-40K	57294	476.8	Vertical @ 6'AG	20	21	19	1.1

Notes: <sup>1</sup>Parallel Luminaire Arrangement Option: Luminaire Orientations run Parallel to the Sidelines, not overhanging the court(s).

Typical Mounting Arrangement is 2@180°. 2x2@180° option available if required to reach recommended Footcandle levels.

All Parallel Luminaire Arrangement Options require rotated PLED optics (FRO-L / FRO-R) in the direction of the courts (Not Applicable for VSQ-N & VSQ-M).

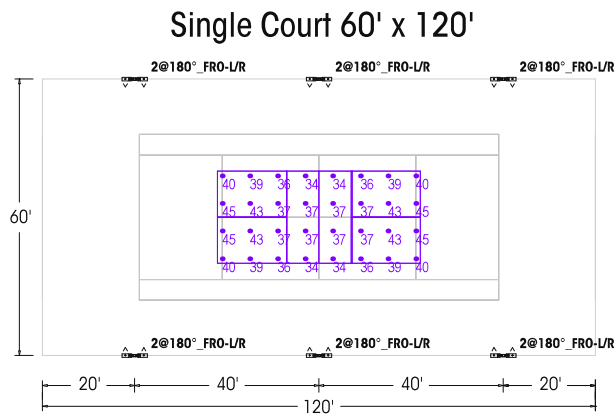
Pivot Tilt (0 - 5°) option coincides with Parallel Luminaire Arrangement Option & rotated PLED optics (field adjustable, no special order or parts required)

Luminaire Symbol with Arrow: Indicates rotated PLED optics (FRO-L / FRO-R) + the direction of PLED distribution and Pivot Tilt (if applicable).

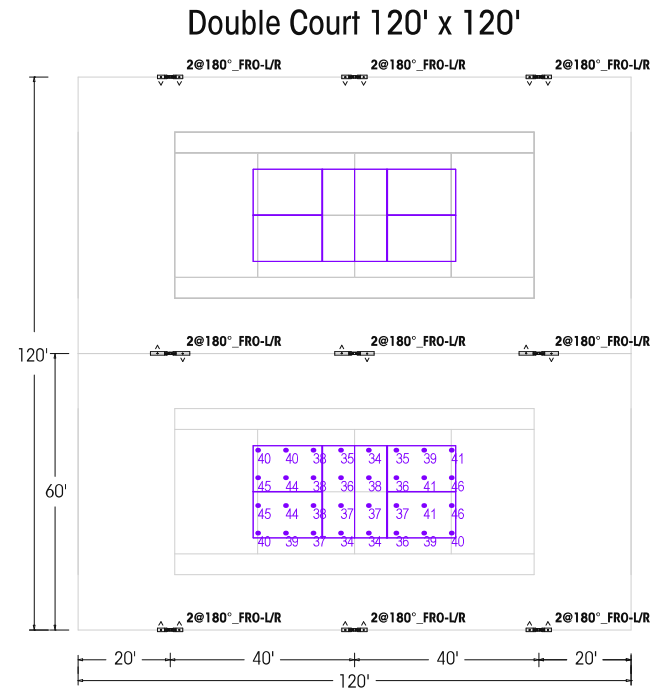
<sup>2</sup>Perpendicular Luminaire Arrangement Option: Luminaire Orientations run Perpendicular to the Sidelines, overhanging the court(s).

Typical Mounting Arrangements are 1 - Single & 2@180°. 3@90° & 4@90° options available if required to reach recommended Footcandle levels.

Pivot Tilt (0 - 5°) option not recommended with Parallel Luminaire Arrangement Option. Rotated PLED optics typically not required.



#1 - Parallel



Court Type: Tennis-to-Pickleball Retrofit (1:1)

Category: III - Recreation Court Size: 60'x120' & 120'x120' (1-CT & 2-CT)

Category	Luminaire Arrangement Options	Court Size	Pole Spacing (ft)	Pole Count	Luminaire Count / Mounting Arrangement	Pivot Tilt (°)	Recommended Part Number(s) Per Pole	Lumens Per Pole	Watts Per Pole	Illuminance Levels (FC)				
										Illuminance (FC)	AVG FC	MAX FC	MIN FC	MAX: MIN
III - Recreation	#1 (Parallel <sup>1</sup> )	60'x120' (1-CT)	40	6	2@180°	5°	BAS3-PLED-IV-CL-60LED-1050mA-40K	51460	404.2	PPA @ 3'AG	39	45	34	1.3
		Vertical @ 6'AG								23	23	22	1.1	
	120'x120' (2-CT)	9	2@180° (Interior)	5°	BAS6-PLED-IV-CL-120LED-1050mA-40K	102918	808.6	PPA @ 3'AG	39	46	34	1.4		
			2@180° (Perimeter)	5°	BAS3-PLED-IV-CL-60LED-1050mA-40K	51460	404.2	Vertical @ 6'AG	25	30	23	1.3		
	#2 (Perpendicular <sup>2</sup> )	60'x120' (1-CT)	40	6	1 - Single	N/A	BAS6-PLED-IV-CL-120LED-1225mA-40K	57294	476.8	PPA @ 3'AG	45	48	41	1.2
		Vertical @ 6'AG								20	21	19	1.1	
120'x120' (2-CT)	9	2@180° (Interior)	N/A	BAS6-PLED-IV-CL-120LED-1225mA-40K	114588	953.6	PPA @ 3'AG	45	48	41	1.2			
		1 - Single (Perimeter)	N/A	BAS6-PLED-IV-CL-120LED-1225mA-40K	57294	476.8	Vertical @ 6'AG	20	21	19	1.1			

Notes: <sup>1</sup>Parallel Luminaire Arrangement Option: Luminaire Orientations run Parallel to the Sidelines, not overhanging the court(s).

Typical Mounting Arrangement is 2@180°. 2x2@180° option available if required to reach recommended Footcandle levels.

All Parallel Luminaire Arrangement Options require rotated PLED optics (FRO-L / FRO-R) in the direction of the courts (Not Applicable for VSQ-N & VSQ-M).

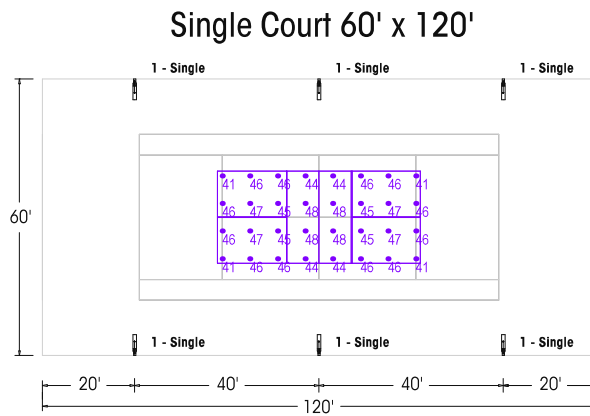
Pivot Tilt (0 - 5°) option coincides with Parallel Luminaire Arrangement Option & rotated PLED optics (field adjustable, no special order or parts required)

Luminaire Symbol with Arrow: Indicates rotated PLED optics (FRO-L / FRO-R) + the direction of PLED distribution and Pivot Tilt (if applicable).

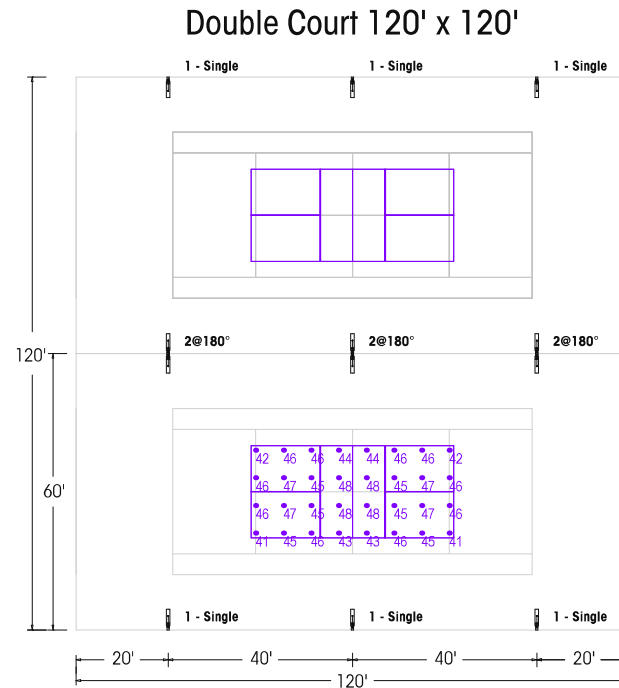
<sup>2</sup>Perpendicular Luminaire Arrangement Option: Luminaire Orientations run Perpendicular to the Sidelines, overhanging the court(s).

Typical Mounting Arrangements are 1 - Single & 2@180°. 3@90° & 4@90° options available if required to reach recommended Footcandle levels.

Pivot Tilt (0 - 5°) option not recommended with Parallel Luminaire Arrangement Option. Rotated PLED optics typically not required.



#2 - Perpendicular



Court Type: Tennis-to-Pickleball Retrofit (1:1)

Category: II - Club Court Size: 60'x120' & 120'x120' (1-CT & 2-CT)

Category	Luminaire Arrangement Options	Court Size	Pole Spacing (ft)	Pole Count	Luminaire Count / Mounting Arrangement	Pivot Tilt (°)	Recommended Part Number(s) Per Pole	Lumens Per Pole	Watts Per Pole	Illuminance Levels (FC)				
										Illuminance (FC)	AVG FC	MAX FC	MIN FC	MAX: MIN
II - Club	#1 (Parallel <sup>1</sup> )	60'x120' (1-CT)	40	6	2@180°	5°	BAS4-PLED-IV-CL-80LED-1225mA-40K	76430	635.8	PPA @ 3'AG	58	67	50	1.3
		Vertical @ 6'AG			34	35	33	1.1						
		120'x120' (2-CT)		9	2@180° (Interior)	5°	BAS6-PLED-IV-CL-120LED-1400mA-40K	124148	1100.4	PPA @ 3'AG	52	62	42	1.5
					2@180° (Perimeter)	5°	BAS4-PLED-IV-CL-80LED-1225mA-40K	76430	635.8	Vertical @ 6'AG	33	36	31	1.2
	#2 (Perpendicular <sup>2</sup> )	60'x120' (1-CT)	40	6	1 - Single	N/A	BAS6-PLED-IV-CL-120LED-1400mA-40K	62074	550.2	PPA @ 3'AG	49	52	45	1.2
		Vertical @ 6'AG			22	23	21	1.1						
		120'x120' (2-CT)		9	2@180° (Interior)	N/A	BAS6-PLED-IV-CL-120LED-1400mA-40K	124148	1100.4	PPA @ 3'AG	49	52	45	1.2
					1 - Single (Perimeter)	N/A	BAS6-PLED-IV-CL-120LED-1400mA-40K	62074	550.2	Vertical @ 6'AG	22	23	21	1.1

Notes: <sup>1</sup>Parallel Luminaire Arrangement Option: Luminaire Orientations run Parallel to the Sidelines, not overhanging the court(s).

Typical Mounting Arrangement is 2@180°. 2x2@180° option available if required to reach recommended Footcandle levels.

All Parallel Luminaire Arrangement Options require rotated PLED optics (FRO-L / FRO-R) in the direction of the courts (Not Applicable for VSQ-N & VSQ-M).

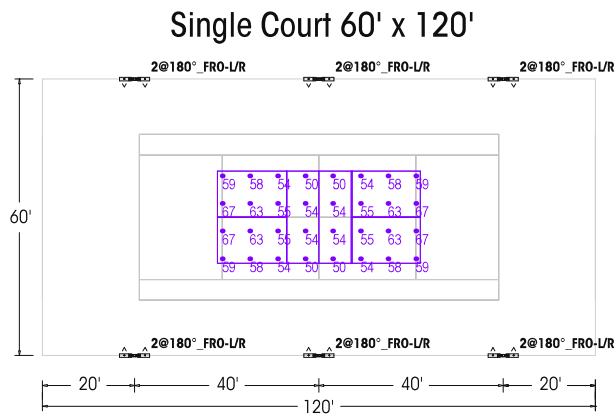
Pivot Tilt (0 - 5°) option coincides with Parallel Luminaire Arrangement Option & rotated PLED optics (field adjustable, no special order or parts required)

Luminaire Symbol with Arrow: Indicates rotated PLED optics (FRO-L / FRO-R) + the direction of PLED distribution and Pivot Tilt (if applicable).

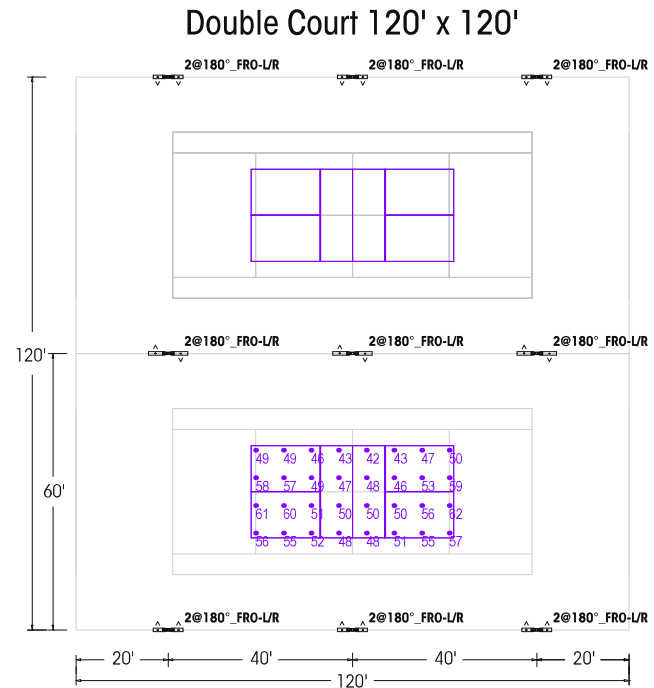
<sup>2</sup>Perpendicular Luminaire Arrangement Option: Luminaire Orientations run Perpendicular to the Sidelines, overhanging the court(s).

Typical Mounting Arrangements are 1 - Single & 2@180°. 3@90° & 4@90° options available if required to reach recommended Footcandle levels.

Pivot Tilt (0 - 5°) option not recommended with Parallel Luminaire Arrangement Option. Rotated PLED optics typically not required.



#1 - Parallel



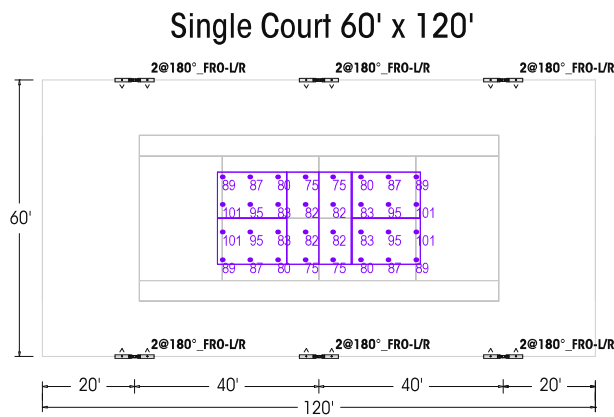
Court Type: Tennis-to-Pickleball Retrofit (1:1)

Category: I - Professional Court Size: 60'x120' & 120'x120' (1-CT & 2-CT)

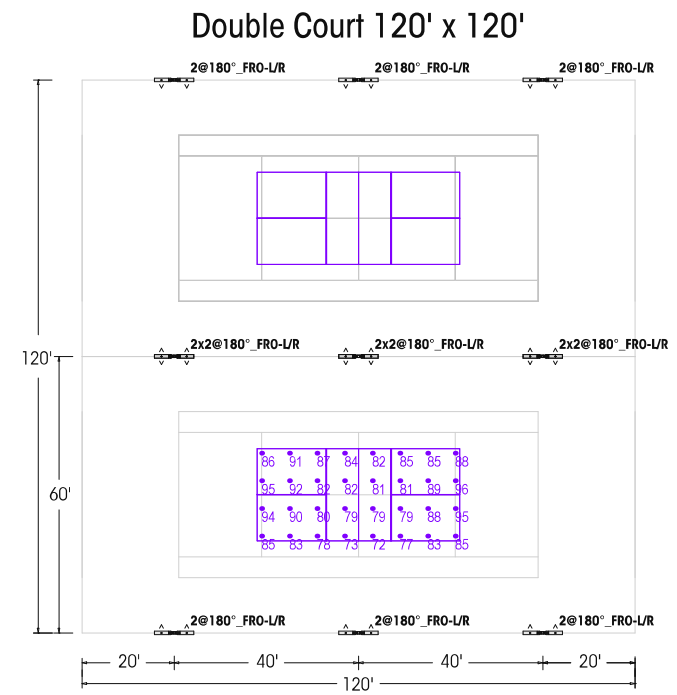
Category	Luminaire Arrangement Options	Court Size	Pole Spacing (ft)	Pole Count	Luminaire Count / Mounting Arrangement	Pivot Tilt (°)	Recommended Part Number(s) Per Pole	Lumens Per Pole	Watts Per Pole	Illuminance Levels (FC)					
										Illuminance (FC)	AVG FC	MAX FC	MIN FC	MAX: MIN	
I - Professional	#1 (Parallel <sup>1</sup> )	60'x120' (1-CT)	40	6	2@180°	5°	BAS6-PLED-IV-CL-120LED-1225mA-40K	114588	953.6	PPA @ 3'AG	87	101	75	1.4	
		120'x120' (2-CT)			9	2x2@180° (Interior)	5°	BAS6-PLED-IV-CL-120LED-1225mA-40K	229176	1907.2	Vertical @ 6'AG	51	52	49	1.1
		120'x120' (2-CT)		2@180° (Perimeter)		5°	BAS6-PLED-IV-CL-120LED-1225mA-40K	114588	953.6	Vertical @ 6'AG	85	96	72	1.3	
	#2 (Perpendicular <sup>2</sup> )	60'x120' (1-CT)	N/A (Parallel Option Only Available)		N/A		N/A		N/A		PPA @ 3'AG	N/A			
		120'x120' (2-CT)									Vertical @ 6'AG				
		120'x120' (2-CT)									PPA @ 3'AG				
										Vertical @ 6'AG					

Notes: <sup>1</sup>Parallel Luminaire Arrangement Option: Luminaire Orientations run Parallel to the Sidelines, not overhanging the court(s). Typical Mounting Arrangement is 2@180°. 2x2@180° option available if required to reach recommended Footcandle levels. All Parallel Luminaire Arrangement Options require rotated PLED optics (FRO-L / FRO-R) in the direction of the courts (Not Applicable for VSQ-N & VSQ-M). Pivot Tilt (0 - 5°) option coincides with Parallel Luminaire Arrangement Option & rotated PLED optics (field adjustable, no special order or parts required). Luminaire Symbol with Arrow: Indicates rotated PLED optics (FRO-L / FRO-R) + the direction of PLED distribution and Pivot Tilt (if applicable).

<sup>2</sup>Perpendicular Luminaire Arrangement Option: Luminaire Orientations run Perpendicular to the Sidelines, overhanging the court(s). Typical Mounting Arrangements are 1 - Single & 2@180°. 3@90° & 4@90° options available if required to reach recommended Footcandle levels. Pivot Tilt (0 - 5°) option not recommended with Parallel Luminaire Arrangement Option. Rotated PLED optics typically not required.



#1 - Parallel



Court Type: Tennis-to-Pickleball Retrofit (1:1)

Category: III - Recreation Court Size: 60'x120' & 120'x120' (1-CT & 2-CT)

Category	Luminaire Arrangement Options	Court Size	Pole Spacing (ft)	Pole Count	Luminaire Count / Mounting Arrangement	Pivot Tilt (°)	Recommended Part Number(s) Per Pole	Lumens Per Pole	Watts Per Pole	Illuminance Levels (FC)				
										Illuminance (FC)	AVG FC	MAX FC	MIN FC	MAX: MIN
III - Recreation	#1 (Parallel <sup>1</sup> )	60'x120' (1-CT)	30	8	2@180°	5°	BAS2-PLED-IV-CL-40LED-1225mA-40K	38196	317.8	PPA @ 3'AG	37	44	31	1.4
		Vertical @ 6'AG			22	25	19	1.3						
		120'x120' (2-CT)		12	2@180° (Interior)	5°	BAS4-PLED-IV-CL-80LED-1225mA-40K	76430	635.8	PPA @ 3'AG	37	46	31	1.5
					2@180° (Perimeter)	5°	BAS2-PLED-IV-CL-40LED-1225mA-40K	38196	317.8	Vertical @ 6'AG	22	25	20	1.3
	#2 (Perpendicular <sup>2</sup> )	60'x120' (1-CT)	30	8	1 - Single	N/A	BAS4-PLED-IV-CL-80LED-1225mA-40K	38215	317.9	PPA @ 3'AG	38	46	33	1.4
		Vertical @ 6'AG			21	27	16	1.7						
		120'x120' (2-CT)		12	2@180° (Interior)	N/A	BAS4-PLED-IV-CL-80LED-1225mA-40K	76430	635.8	PPA @ 3'AG	38	46	33	1.4
					1 - Single (Perimeter)	N/A	BAS4-PLED-IV-CL-80LED-1225mA-40K	38215	317.9	Vertical @ 6'AG	21	27	16	1.7

Notes: <sup>1</sup>Parallel Luminaire Arrangement Option: Luminaire Orientations run Parallel to the Sidelines, not overhanging the court(s).

Typical Mounting Arrangement is 2@180°. 2x2@180° option available if required to reach recommended Footcandle levels.

All Parallel Luminaire Arrangement Options require rotated PLED optics (FRO-L / FRO-R) in the direction of the courts (Not Applicable for VSQ-N & VSQ-M).

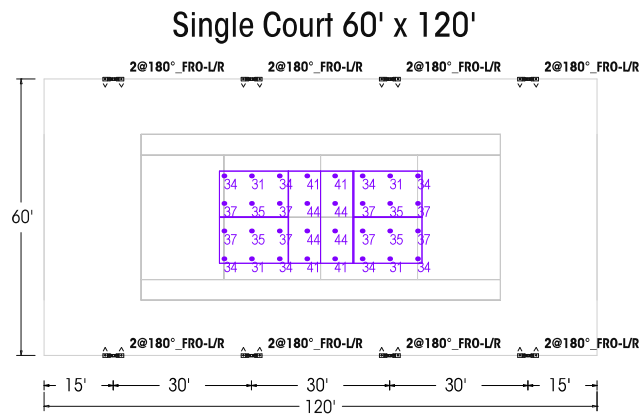
Pivot Tilt (0 - 5°) option coincides with Parallel Luminaire Arrangement Option & rotated PLED optics (field adjustable, no special order or parts required)

Luminaire Symbol with Arrow: Indicates rotated PLED optics (FRO-L / FRO-R) + the direction of PLED distribution and Pivot Tilt (if applicable).

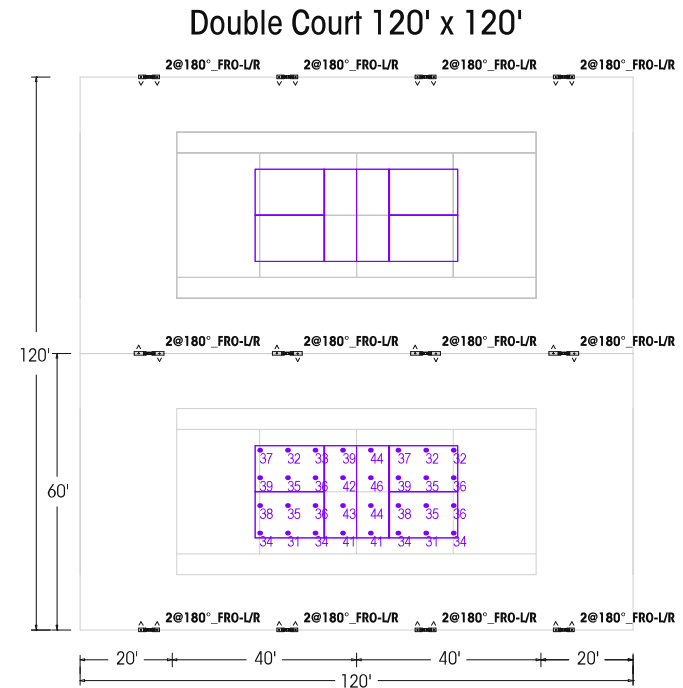
<sup>2</sup>Perpendicular Luminaire Arrangement Option: Luminaire Orientations run Perpendicular to the Sidelines, overhanging the court(s).

Typical Mounting Arrangements are 1 - Single & 2@180°. 3@90° & 4@90° options available if required to reach recommended Footcandle levels.

Pivot Tilt (0 - 5°) option not recommended with Parallel Luminaire Arrangement Option. Rotated PLED optics typically not required.



#1 - Parallel



Court Type: Tennis-to-Pickleball Retrofit (1:1)

Category: III - Recreation Court Size: 60'x120' & 120'x120' (1-CT & 2-CT)

Category	Luminaire Arrangement Options	Court Size	Pole Spacing (ft)	Pole Count	Luminaire Count / Mounting Arrangement	Pivot Tilt (°)	Recommended Part Number(s) Per Pole	Lumens Per Pole	Watts Per Pole	Illuminance Levels (FC)				
										Illuminance (FC)	AVG FC	MAX FC	MIN FC	MAX: MIN
III - Recreation	#1 (Parallel <sup>1</sup> )	60'x120' (1-CT)	30	8	2@180°	5°	BAS2-PLED-IV-CL-40LED-1225mA-40K	38196	317.8	PPA @ 3'AG	37	44	31	1.4
		120'x120' (2-CT)			12	2@180° (Interior)	5°	BAS4-PLED-IV-CL-80LED-1225mA-40K	76430	635.8	Vertical @ 6'AG	22	25	19
		120'x120' (2-CT)		12		2@180° (Perimeter)	5°	BAS2-PLED-IV-CL-40LED-1225mA-40K	38196	317.8	Vertical @ 6'AG	22	25	20
	#2 (Perpendicular <sup>2</sup> )	60'x120' (1-CT)	30		8	1 - Single	N/A	BAS4-PLED-IV-CL-80LED-1225mA-40K	38215	317.9	PPA @ 3'AG	38	46	33
		120'x120' (2-CT)		12		2@180° (Interior)	N/A	BAS4-PLED-IV-CL-80LED-1225mA-40K	76430	635.8	Vertical @ 6'AG	21	27	16
		120'x120' (2-CT)			12	1 - Single (Perimeter)	N/A	BAS4-PLED-IV-CL-80LED-1225mA-40K	38215	317.9	Vertical @ 6'AG	21	27	16

Notes: <sup>1</sup>Parallel Luminaire Arrangement Option: Luminaire Orientations run Parallel to the Sidelines, not overhanging the court(s).

Typical Mounting Arrangement is 2@180°. 2x2@180° option available if required to reach recommended Footcandle levels.

All Parallel Luminaire Arrangement Options require rotated PLED optics (FRO-L / FRO-R) in the direction of the courts (Not Applicable for VSQ-N & VSQ-M).

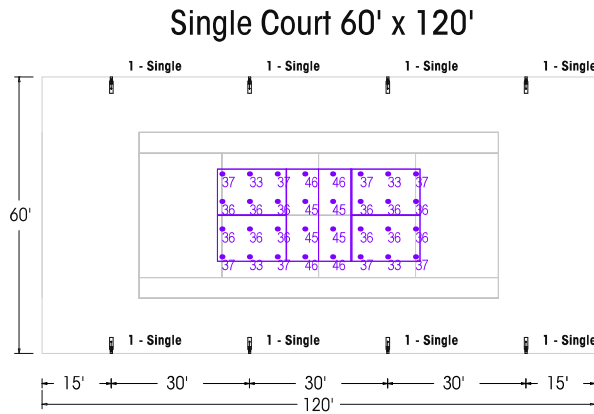
Pivot Tilt (0 - 5°) option coincides with Parallel Luminaire Arrangement Option & rotated PLED optics (field adjustable, no special order or parts required)

Luminaire Symbol with Arrow: Indicates rotated PLED optics (FRO-L / FRO-R) + the direction of PLED distribution and Pivot Tilt (if applicable).

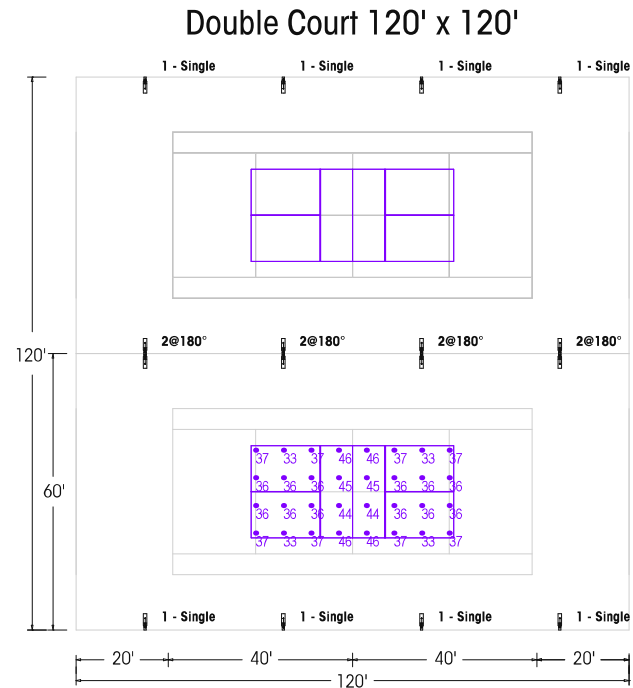
<sup>2</sup>Perpendicular Luminaire Arrangement Option: Luminaire Orientations run Perpendicular to the Sidelines, overhanging the court(s).

Typical Mounting Arrangements are 1 - Single & 2@180°. 3@90° & 4@90° options available if required to reach recommended Footcandle levels.

Pivot Tilt (0 - 5°) option not recommended with Parallel Luminaire Arrangement Option. Rotated PLED optics typically not required.



#2 - Perpendicular



Court Type: Tennis-to-Pickleball Retrofit (1:1)

Category: II - Club Court Size: 60'x120' & 120'x120' (1-CT & 2-CT)

Category	Luminaire Arrangement Options	Court Size	Pole Spacing (ft)	Pole Count	Luminaire Count / Mounting Arrangement	Pivot Tilt (°)	Recommended Part Number(s) Per Pole	Lumens Per Pole	Watts Per Pole	Illuminance Levels (FC)				
										Illuminance (FC)	AVG FC	MAX FC	MIN FC	MAX: MIN
II - Club	#1 (Parallel <sup>1</sup> )	60'x120' (1-CT)	30	8	2@180°	5°	BAS3-PLED-IV-CL-60LED-1225mA-40K	57294	476.8	PPA @ 3'AG	55	65	46	1.4
		Vertical @ 6'AG			33	37	29	1.3						
		120'x120' (2-CT)		12	2@180° (Interior)	5°	BAS6-PLED-IV-CL-120LED-1225mA-40K	114588	953.6	PPA @ 3'AG	56	69	47	1.5
					2@180° (Perimeter)	5°	BAS3-PLED-IV-CL-60LED-1225mA-40K	57294	476.8	Vertical @ 6'AG	33	37	29	1.3
	#2 (Perpendicular <sup>2</sup> )	60'x120' (1-CT)	30	8	1 - Single	N/A	BAS6-PLED-IV-CL-120LED-1400mA-40K	62074	550.2	PPA @ 3'AG	59	71	50	1.4
		Vertical @ 6'AG			33	41	25	1.6						
		120'x120' (2-CT)		12	2@180° (Interior)	N/A	BAS6-PLED-IV-CL-120LED-1225mA-40K	114588	953.6	PPA @ 3'AG	59	71	50	1.4
					1 - Single (Perimeter)	N/A	BAS6-PLED-IV-CL-120LED-1225mA-40K	57294	476.8	Vertical @ 6'AG	33	41	25	1.6

Notes: <sup>1</sup>Parallel Luminaire Arrangement Option: Luminaire Orientations run Parallel to the Sidelines, not overhanging the court(s).

Typical Mounting Arrangement is 2@180°. 2x2@180° option available if required to reach recommended Footcandle levels.

All Parallel Luminaire Arrangement Options require rotated PLED optics (FRO-L / FRO-R) in the direction of the courts (Not Applicable for VSQ-N & VSQ-M).

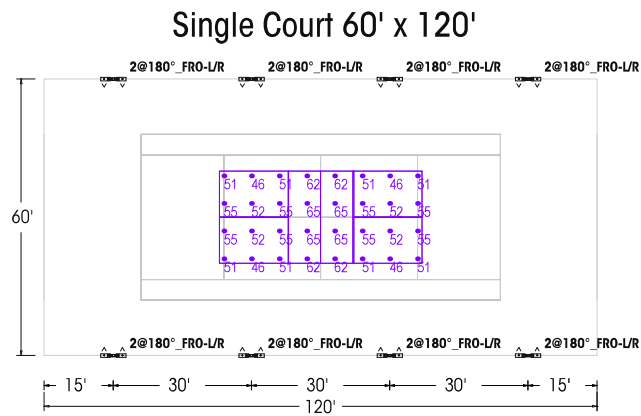
Pivot Tilt (0 - 5°) option coincides with Parallel Luminaire Arrangement Option & rotated PLED optics (field adjustable, no special order or parts required)

Luminaire Symbol with Arrow: Indicates rotated PLED optics (FRO-L / FRO-R) + the direction of PLED distribution and Pivot Tilt (if applicable).

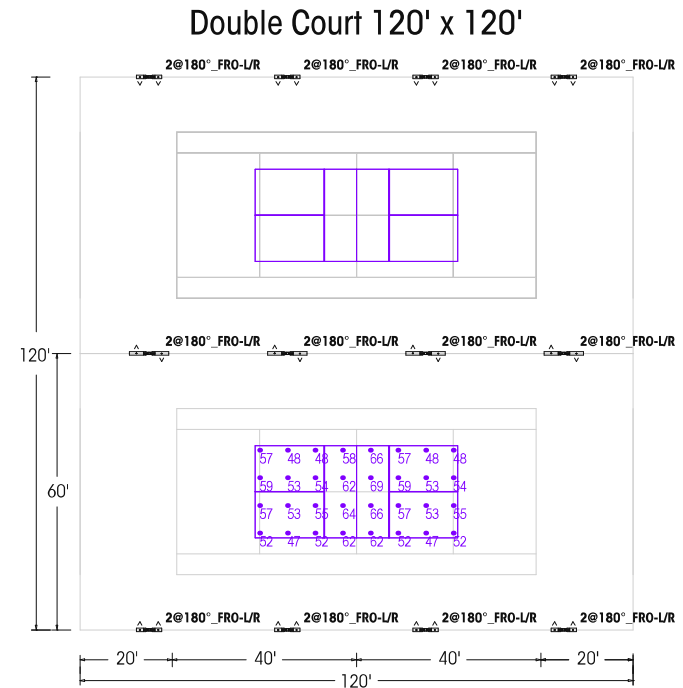
<sup>2</sup>Perpendicular Luminaire Arrangement Option: Luminaire Orientations run Perpendicular to the Sidelines, overhanging the court(s).

Typical Mounting Arrangements are 1 - Single & 2@180°. 3@90° & 4@90° options available if required to reach recommended Footcandle levels.

Pivot Tilt (0 - 5°) option not recommended with Parallel Luminaire Arrangement Option. Rotated PLED optics typically not required.



#1 - Parallel



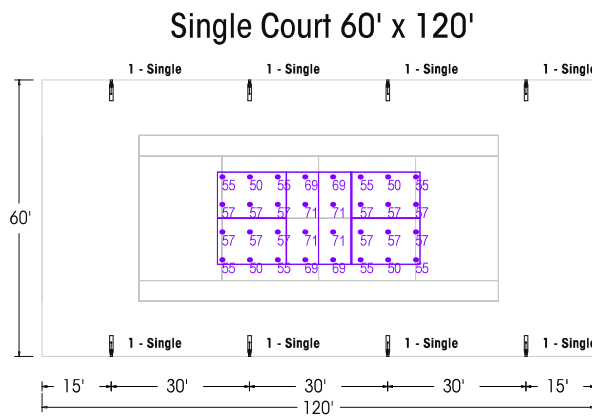
Court Type: Tennis-to-Pickleball Retrofit (1:1)

Category: II - Club Court Size: 60'x120' & 120'x120' (1-CT & 2-CT)

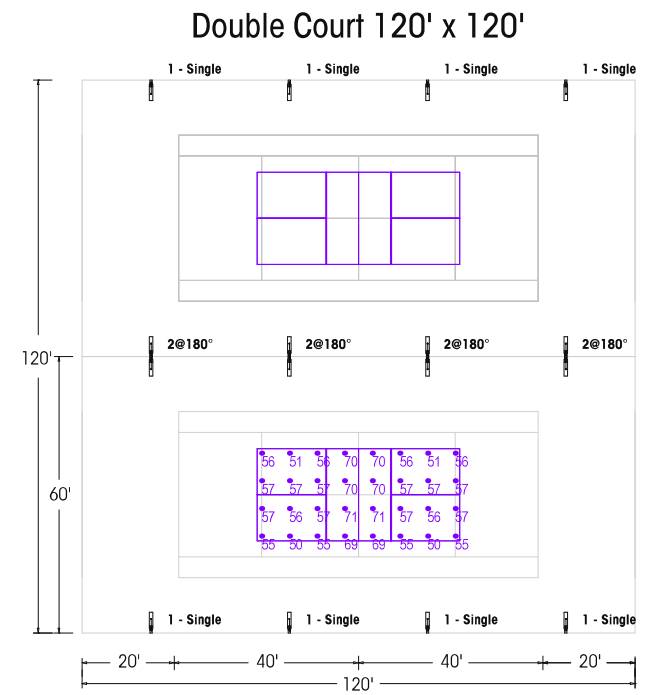
Category	Luminaire Arrangement Options	Court Size	Pole Spacing (ft)	Pole Count	Luminaire Count / Mounting Arrangement	Pivot Tilt (°)	Recommended Part Number(s) Per Pole	Lumens Per Pole	Watts Per Pole	Illuminance Levels (FC)				
										Illuminance (FC)	AVG FC	MAX FC	MIN FC	MAX: MIN
II - Club	#1 (Parallel <sup>1</sup> )	60'x120' (1-CT)	30	8	2@180°	5°	BAS3-PLED-IV-CL-60LED-1225mA-40K	57294	476.8	PPA @ 3'AG	55	65	46	1.4
		120'x120' (2-CT)			12	2@180° (Interior)	5°	BAS6-PLED-IV-CL-120LED-1225mA-40K	114588	953.6	Vertical @ 6'AG	33	37	29
		120'x120' (2-CT)		12		2@180° (Perimeter)	5°	BAS3-PLED-IV-CL-60LED-1225mA-40K	57294	476.8	Vertical @ 6'AG	33	37	29
					#2 (Perpendicular <sup>2</sup> )	60'x120' (1-CT)	30	8	1 - Single	N/A	BAS6-PLED-IV-CL-120LED-1400mA-40K	62074	550.2	PPA @ 3'AG
	120'x120' (2-CT)	12	2@180° (Interior)	N/A		BAS6-PLED-IV-CL-120LED-1225mA-40K			114588	953.6	PPA @ 3'AG	33	41	25
	120'x120' (2-CT)		12	1 - Single (Perimeter)		N/A		BAS6-PLED-IV-CL-120LED-1225mA-40K	57294	476.8	Vertical @ 6'AG	33	41	25

Notes: <sup>1</sup>Parallel Luminaire Arrangement Option: Luminaire Orientations run Parallel to the Sidelines, not overhanging the court(s). Typical Mounting Arrangement is 2@180°. 2x2@180° option available if required to reach recommended Footcandle levels. All Parallel Luminaire Arrangement Options require rotated PLED optics (FRO-L / FRO-R) in the direction of the courts (Not Applicable for VSQ-N & VSQ-M). Pivot Tilt (0 - 5°) option coincides with Parallel Luminaire Arrangement Option & rotated PLED optics (field adjustable, no special order or parts required). Luminaire Symbol with Arrow: Indicates rotated PLED optics (FRO-L / FRO-R) + the direction of PLED distribution and Pivot Tilt (if applicable).

<sup>2</sup>Perpendicular Luminaire Arrangement Option: Luminaire Orientations run Perpendicular to the Sidelines, overhanging the court(s). Typical Mounting Arrangements are 1 - Single & 2@180°. 3@90° & 4@90° options available if required to reach recommended Footcandle levels. Pivot Tilt (0 - 5°) option not recommended with Parallel Luminaire Arrangement Option. Rotated PLED optics typically not required.



#2 - Perpendicular



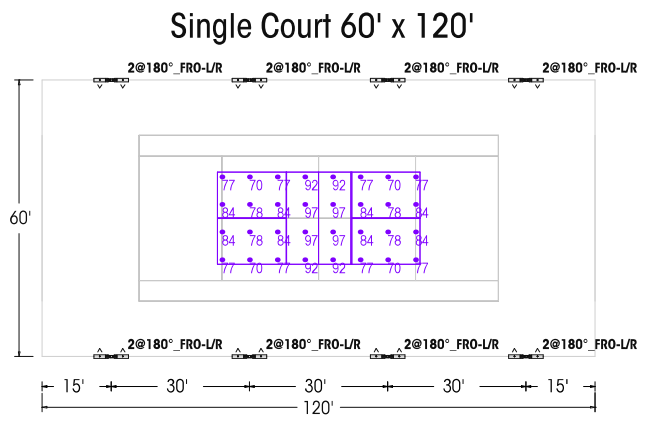
Court Type: Tennis-to-Pickleball Retrofit (1:1)

Category: I - Professional Court Size: 60'x120' & 120'x120' (1-CT & 2-CT)

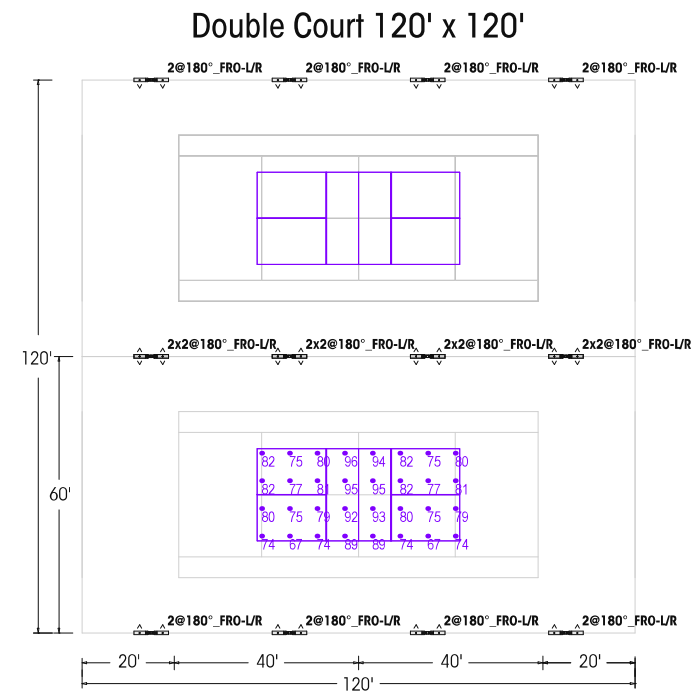
Category	Luminaire Arrangement Options	Court Size	Pole Spacing (ft)	Pole Count	Luminaire Count / Mounting Arrangement	Pivot Tilt (°)	Recommended Part Number(s) Per Pole	Lumens Per Pole	Watts Per Pole	Illuminance Levels (FC)				
										Illuminance (FC)	AVG FC	MAX FC	MIN FC	MAX: MIN
I - Professional	#1 (Parallel <sup>1</sup> )	60'x120' (1-CT)	30	8	2@180°	5°	BAS5-PLED-IV-CL-100LED-1050mA-40K	85764	673.8	PPA @ 3'AG	82	97	70	1.4
		120'x120' (2-CT)			2x2@180° (Interior)	5°	BAS5-PLED-IV-CL-100LED-1050mA-40K	171528	1347.6	Vertical @ 6'AG	48	54	42	1.3
				2@180° (Perimeter)	5°	BAS5-PLED-IV-CL-100LED-1050mA-40K	85764	673.8	Vertical @ 6'AG	81	96	67	1.4	
	#2 (Perpendicular <sup>2</sup> )	60'x120' (1-CT)	N/A (Parallel Option Only Available)	N/A	N/A	N/A	N/A	N/A	N/A	PPA @ 3'AG	N/A			
		120'x120' (2-CT)								Vertical @ 6'AG	N/A			
										PPA @ 3'AG	N/A			
									Vertical @ 6'AG	N/A				

Notes: <sup>1</sup>Parallel Luminaire Arrangement Option: Luminaire Orientations run Parallel to the Sidelines, not overhanging the court(s).  
 Typical Mounting Arrangement is 2@180°. 2x2@180° option available if required to reach recommended Footcandle levels.  
 All Parallel Luminaire Arrangement Options require rotated PLED optics (FRO-L / FRO-R) in the direction of the courts (Not Applicable for VSQ-N & VSQ-M).  
 Pivot Tilt (0 - 5°) option coincides with Parallel Luminaire Arrangement Option & rotated PLED optics (field adjustable, no special order or parts required)  
 Luminaire Symbol with Arrow: Indicates rotated PLED optics (FRO-L / FRO-R) + the direction of PLED distribution and Pivot Tilt (if applicable).

<sup>2</sup>Perpendicular Luminaire Arrangement Option: Luminaire Orientations run Perpendicular to the Sidelines, overhanging the court(s).  
 Typical Mounting Arrangements are 1 - Single & 2@180°. 3@90° & 4@90° options available if required to reach recommended Footcandle levels.  
 Pivot Tilt (0 - 5°) option not recommended with Parallel Luminaire Arrangement Option. Rotated PLED optics typically not required.



#1 - Parallel



Court Type: Tennis-to-Pickleball Retrofit (2:1)

Category: III - Recreation Court Size: 60'x120' & 120'x120' (1-CT & 2-CT)

Category	Luminaire Arrangement Options	Court Size	Pole Spacing (ft)	Pole Count	Luminaire Count / Mounting Arrangement	Pivot Tilt (°)	Recommended Part Number(s) Per Pole	Lumens Per Pole	Watts Per Pole	Illuminance Levels (FC)				
										Illuminance (FC)	AVG FC	MAX FC	MIN FC	MAX: MIN
III - Recreation	#1 (Parallel <sup>1</sup> )	60'x120' (1-CT)	40	6	2@180°	5°	BAS3-PLED-IV-CL-60LED-1050mA-40K	51460	404.2	PPA @ 3'AG	37	45	31	1.5
		Vertical @ 6'AG			23	23	22	1.1						
		120'x120' (2-CT)		9	2@180° (Interior)	5°	BAS6-PLED-IV-CL-120LED-1050mA-40K	102918	808.6	PPA @ 3'AG	37	45	31	1.5
					2@180° (Perimeter)	5°	BAS3-PLED-IV-CL-60LED-1050mA-40K	51460	404.2	Vertical @ 6'AG	20	23	17	1.4
	#2 (Perpendicular <sup>2</sup> )	60'x120' (1-CT)	40	6	1 - Single	N/A	BAS6-PLED-IV-CL-120LED-1225mA-40K	57294	476.8	PPA @ 3'AG	45	49	41	1.2
		Vertical @ 6'AG			20	21	19	1.1						
		120'x120' (2-CT)		9	2@180° (Interior)	N/A	BAS6-PLED-IV-CL-120LED-1225mA-40K	114588	953.6	PPA @ 3'AG	45	49	41	1.2
					1 - Single (Perimeter)	N/A	BAS6-PLED-IV-CL-120LED-1225mA-40K	57294	476.8	Vertical @ 6'AG	20	21	19	1.1

Notes: <sup>1</sup>Parallel Luminaire Arrangement Option: Luminaire Orientations run Parallel to the Sidelines, not overhanging the court(s).

Typical Mounting Arrangement is 2@180°. 2x2@180° option available if required to reach recommended Footcandle levels.

All Parallel Luminaire Arrangement Options require rotated PLED optics (FRO-L / FRO-R) in the direction of the courts (Not Applicable for VSQ-N & VSQ-M).

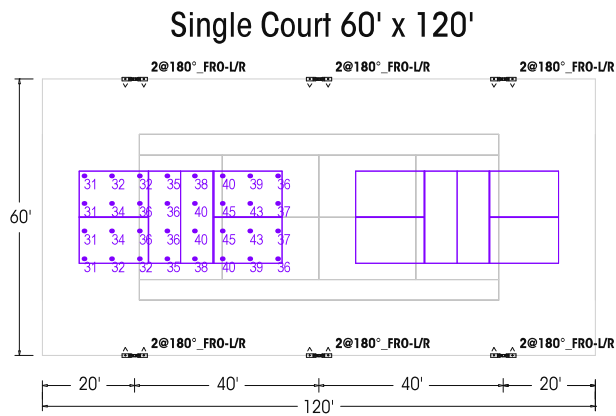
Pivot Tilt (0 - 5°) option coincides with Parallel Luminaire Arrangement Option & rotated PLED optics (field adjustable, no special order or parts required)

Luminaire Symbol with Arrow: Indicates rotated PLED optics (FRO-L / FRO-R) + the direction of PLED distribution and Pivot Tilt (if applicable).

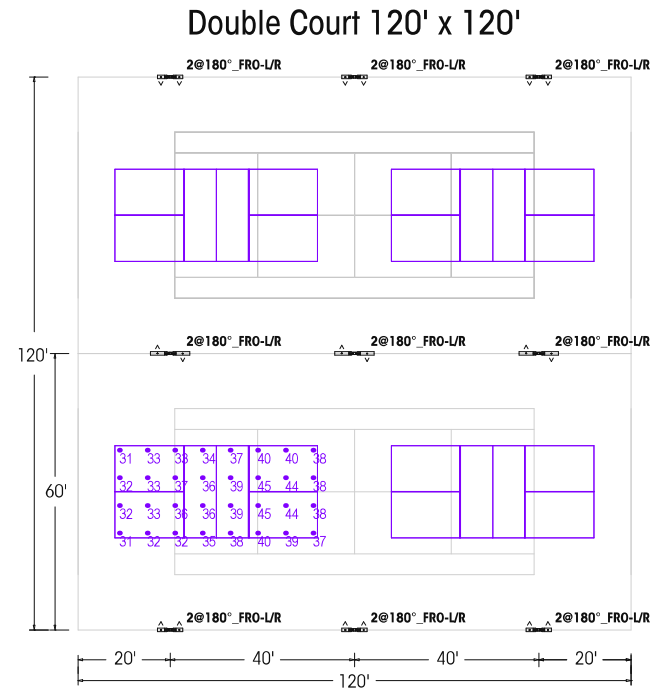
<sup>2</sup>Perpendicular Luminaire Arrangement Option: Luminaire Orientations run Perpendicular to the Sidelines, overhanging the court(s).

Typical Mounting Arrangements are 1 - Single & 2@180°. 3@90° & 4@90° options available if required to reach recommended Footcandle levels.

Pivot Tilt (0 - 5°) option not recommended with Parallel Luminaire Arrangement Option. Rotated PLED optics typically not required.



#1 - Parallel



Court Type: Tennis-to-Pickleball Retrofit (2:1)

Category: III - Recreation Court Size: 60'x120' & 120'x120' (1-CT & 2-CT)

Category	Luminaire Arrangement Options	Court Size	Pole Spacing (ft)	Pole Count	Luminaire Count / Mounting Arrangement	Pivot Tilt (°)	Recommended Part Number(s) Per Pole	Lumens Per Pole	Watts Per Pole	Illuminance Levels (FC)				
										Illuminance (FC)	AVG FC	MAX FC	MIN FC	MAX: MIN
III - Recreation	#1 (Parallel <sup>1</sup> )	60'x120' (1-CT)	40	6	2@180°	5°	BAS3-PLED-IV-CL-60LED-1050mA-40K	51460	404.2	PPA @ 3'AG	37	45	31	1.5
		120'x120' (2-CT)			9	2@180° (Interior)	5°	BAS6-PLED-IV-CL-120LED-1050mA-40K	102918	808.6	PPA @ 3'AG	37	45	31
			2@180° (Perimeter)	5°		BAS3-PLED-IV-CL-60LED-1050mA-40K	51460	404.2	Vertical @ 6'AG	20	23	17	1.4	
	#2 (Perpendicular <sup>2</sup> )	60'x120' (1-CT)	40	6	1 - Single	N/A	BAS6-PLED-IV-CL-120LED-1225mA-40K	57294	476.8	PPA @ 3'AG	45	49	41	1.2
		120'x120' (2-CT)			9	2@180° (Interior)	N/A	BAS6-PLED-IV-CL-120LED-1225mA-40K	114588	953.6	PPA @ 3'AG	20	21	19
						1 - Single (Perimeter)	N/A	BAS6-PLED-IV-CL-120LED-1225mA-40K	57294	476.8	PPA @ 3'AG	45	49	41
										Vertical @ 6'AG	20	21	19	1.1

Notes: <sup>1</sup>Parallel Luminaire Arrangement Option: Luminaire Orientations run Parallel to the Sidelines, not overhanging the court(s).

Typical Mounting Arrangement is 2@180°. 2x2@180° option available if required to reach recommended Footcandle levels.

All Parallel Luminaire Arrangement Options require rotated PLED optics (FRO-L / FRO-R) in the direction of the courts (Not Applicable for VSQ-N & VSQ-M).

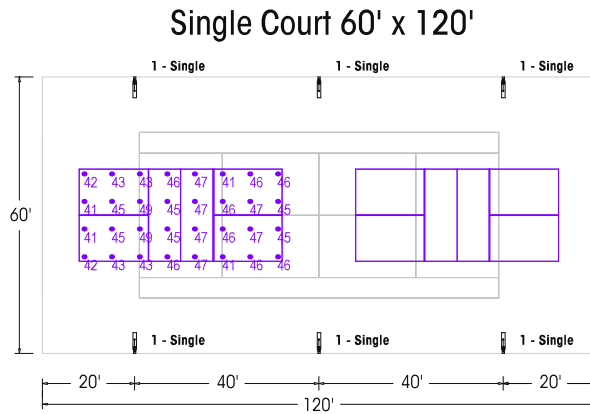
Pivot Tilt (0 - 5°) option coincides with Parallel Luminaire Arrangement Option & rotated PLED optics (field adjustable, no special order or parts required)

Luminaire Symbol with Arrow: Indicates rotated PLED optics (FRO-L / FRO-R) + the direction of PLED distribution and Pivot Tilt (if applicable).

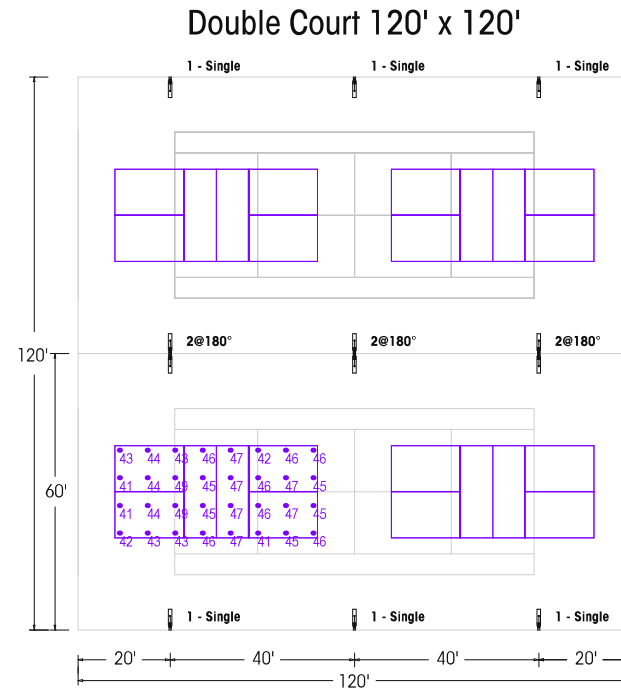
<sup>2</sup>Perpendicular Luminaire Arrangement Option: Luminaire Orientations run Perpendicular to the Sidelines, overhanging the court(s).

Typical Mounting Arrangements are 1 - Single & 2@180°. 3@90° & 4@90° options available if required to reach recommended Footcandle levels.

Pivot Tilt (0 - 5°) option not recommended with Parallel Luminaire Arrangement Option. Rotated PLED optics typically not required.



#2 - Perpendicular



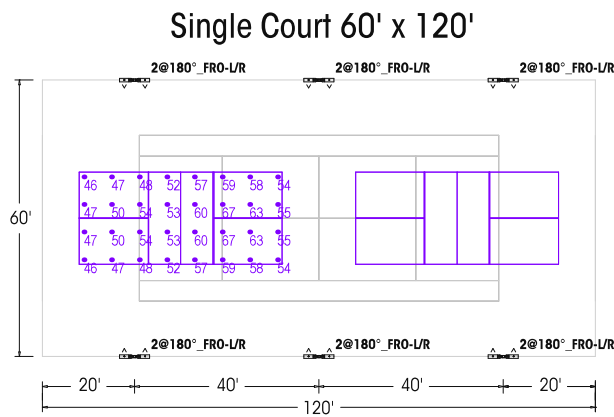
Court Type: Tennis-to-Pickleball Retrofit (2:1)

Category: II - Club Court Size: 60'x120' & 120'x120' (1-CT & 2-CT)

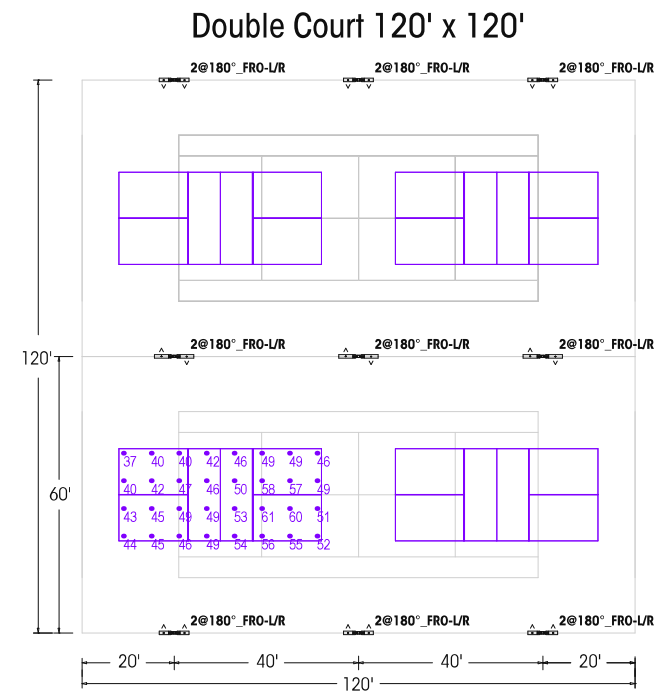
Category	Luminaire Arrangement Options	Court Size	Pole Spacing (ft)	Pole Count	Luminaire Count / Mounting Arrangement	Pivot Tilt (°)	Recommended Part Number(s) Per Pole	Lumens Per Pole	Watts Per Pole	Illuminance Levels (FC)					
										Illuminance (FC)	AVG FC	MAX FC	MIN FC	MAX: MIN	
II - Club	#1 (Parallel <sup>1</sup> )	60'x120' (1-CT)	40	6	2@180°	5°	BAS4-PLED-IV-CL-80LED-1225mA-40K	76430	635.8	PPA @ 3'AG	54	67	46	1.5	
		120'x120' (2-CT)			2@180° (Interior)	5°	BAS6-PLED-IV-CL-120LED-1400mA-40K	124148	1100.4	PPA @ 3'AG	34	35	33	1.1	
				2@180° (Perimeter)	5°	BAS4-PLED-IV-CL-80LED-1225mA-40K	76430	635.8	Vertical @ 6'AG	48	61	37	1.7		
	#2 (Perpendicular <sup>2</sup> )	60'x120' (1-CT)	N/A (Parallel Option Only Available)		N/A		N/A		N/A		Vertical @ 6'AG	N/A			
		120'x120' (2-CT)									PPA @ 3'AG	N/A			
											Vertical @ 6'AG	N/A			

Notes: <sup>1</sup>Parallel Luminaire Arrangement Option: Luminaire Orientations run Parallel to the Sidelines, not overhanging the court(s). Typical Mounting Arrangement is 2@180°. 2x2@180° option available if required to reach recommended Footcandle levels. All Parallel Luminaire Arrangement Options require rotated PLED optics (FRO-L / FRO-R) in the direction of the courts (Not Applicable for VSQ-N & VSQ-M). Pivot Tilt (0 - 5°) option coincides with Parallel Luminaire Arrangement Option & rotated PLED optics (field adjustable, no special order or parts required). Luminaire Symbol with Arrow: Indicates rotated PLED optics (FRO-L / FRO-R) + the direction of PLED distribution and Pivot Tilt (if applicable).

<sup>2</sup>Perpendicular Luminaire Arrangement Option: Luminaire Orientations run Perpendicular to the Sidelines, overhanging the court(s). Typical Mounting Arrangements are 1 - Single & 2@180°. 3@90° & 4@90° options available if required to reach recommended Footcandle levels. Pivot Tilt (0 - 5°) option not recommended with Parallel Luminaire Arrangement Option. Rotated PLED optics typically not required.



#1 - Parallel



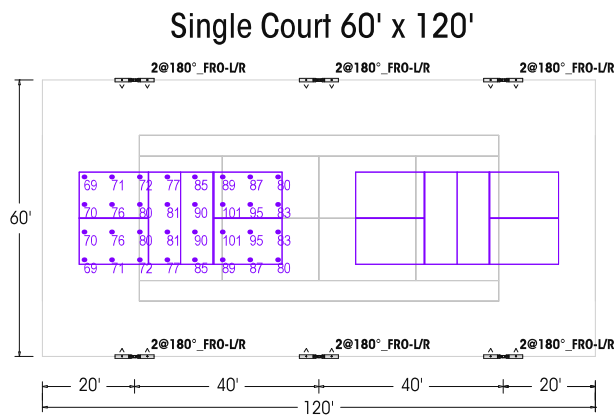
**Court Type: Tennis-to-Pickleball Retrofit (2:1)**

**Category: I - Professional**      **Court Size: 60'x120' & 120'x120' (1-CT & 2-CT)**

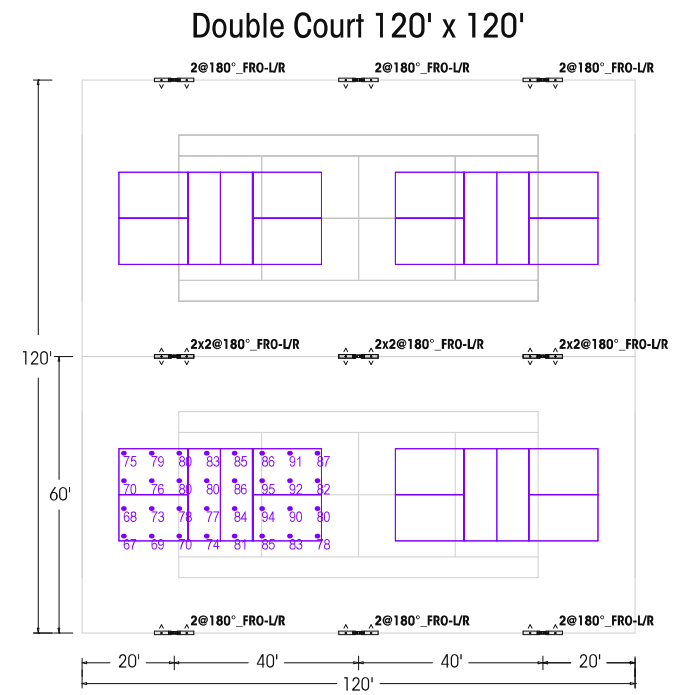
Category	Luminaire Arrangement Options	Court Size	Pole Spacing (ft)	Pole Count	Luminaire Count / Mounting Arrangement	Pivot Tilt (°)	Recommended Part Number(s) Per Pole	Lumens Per Pole	Watts Per Pole	Illuminance Levels (FC)					
										Illuminance (FC)	AVG FC	MAX FC	MIN FC	MAX: MIN	
I - Professional	#1 (Parallel <sup>1</sup> )	60'x120' (1-CT)	40	6	2@180°	5°	BAS6-PLED-IV-CL-120LED-1225mA-40K	114588	953.6	PPA @ 3'AG	82	101	69	1.5	
		120'x120' (2-CT)			2x2@180° (Interior)	5°	BAS6-PLED-IV-CL-120LED-1225mA-40K	229176	1907.2	Vertical @ 6'AG	51	52	49	1.1	
		120'x120' (2-CT)		2@180° (Perimeter)	5°	BAS6-PLED-IV-CL-120LED-1225mA-40K	114588	953.6	PPA @ 3'AG	81	95	67	1.4		
	#2 (Perpendicular <sup>2</sup> )	60'x120' (1-CT)	N/A (Parallel Option Only Available)		N/A		N/A		N/A		Vertical @ 6'AG	N/A			
		120'x120' (2-CT)									PPA @ 3'AG	N/A			
		120'x120' (2-CT)									Vertical @ 6'AG	N/A			

**Notes:** <sup>1</sup>**Parallel Luminaire Arrangement Option:** Luminaire Orientations run Parallel to the Sidelines, not overhanging the court(s).  
 Typical Mounting Arrangement is **2@180°**. **2x2@180°** option available if required to reach recommended Footcandle levels.  
 All Parallel Luminaire Arrangement Options require rotated PLED optics (FRO-L / FRO-R) in the direction of the courts (Not Applicable for VSQ-N & VSQ-M).  
 Pivot Tilt (0 - 5°) option coincides with Parallel Luminaire Arrangement Option & rotated PLED optics (field adjustable, no special order or parts required)  
**Luminaire Symbol with Arrow:** Indicates rotated PLED optics (FRO-L / FRO-R) + the direction of PLED distribution and Pivot Tilt (if applicable).

<sup>2</sup>**Perpendicular Luminaire Arrangement Option:** Luminaire Orientations run Perpendicular to the Sidelines, overhanging the court(s).  
 Typical Mounting Arrangements are **1 - Single & 2@180°**. **3@90° & 4@90°** options available if required to reach recommended Footcandle levels.  
 Pivot Tilt (0 - 5°) option not recommended with Parallel Luminaire Arrangement Option. Rotated PLED optics typically not required.



#1 - Parallel



Court Type: Tennis-to-Pickleball Retrofit (2:1)

Category: III - Recreation Court Size: 60'x120' & 120'x120' (1-CT & 2-CT)

Category	Luminaire Arrangement Options	Court Size	Pole Spacing (ft)	Pole Count	Luminaire Count / Mounting Arrangement	Pivot Tilt (°)	Recommended Part Number(s) Per Pole	Lumens Per Pole	Watts Per Pole	Illuminance Levels (FC)				
										Illuminance (FC)	AVG FC	MAX FC	MIN FC	MAX: MIN
III - Recreation	#1 (Parallel <sup>1</sup> )	60'x120' (1-CT)	30	8	2@180°	5°	BAS2-PLED-IV-CL-40LED-1225mA-40K	38196	317.8	PPA @ 3'AG	35	43	25	1.7
		120'x120' (2-CT)		12	2@180° (Interior)	5°	BAS4-PLED-IV-CL-80LED-1225mA-40K	76430	635.8	Vertical @ 6'AG	22	25	20	1.3
	#2 (Perpendicular <sup>2</sup> )	60'x120' (1-CT)	30	8	1 - Single	N/A	BAS4-PLED-IV-CL-80LED-1225mA-40K	38215	317.9	PPA @ 3'AG	37	46	28	1.6
					2@180° (Interior)	N/A	BAS4-PLED-IV-CL-80LED-1225mA-40K	76430	635.8	Vertical @ 6'AG	21	27	16	1.7
		120'x120' (2-CT)	30	12	2@180° (Interior)	N/A	BAS4-PLED-IV-CL-80LED-1225mA-40K	76430	635.8	PPA @ 3'AG	37	46	28	1.6
					1 - Single (Perimeter)	N/A	BAS4-PLED-IV-CL-80LED-1225mA-40K	38215	317.9	Vertical @ 6'AG	21	27	16	1.7

Notes: <sup>1</sup>Parallel Luminaire Arrangement Option: Luminaire Orientations run Parallel to the Sidelines, not overhanging the court(s).

Typical Mounting Arrangement is 2@180°. 2x2@180° option available if required to reach recommended Footcandle levels.

All Parallel Luminaire Arrangement Options require rotated PLED optics (FRO-L / FRO-R) in the direction of the courts (Not Applicable for VSQ-N & VSQ-M).

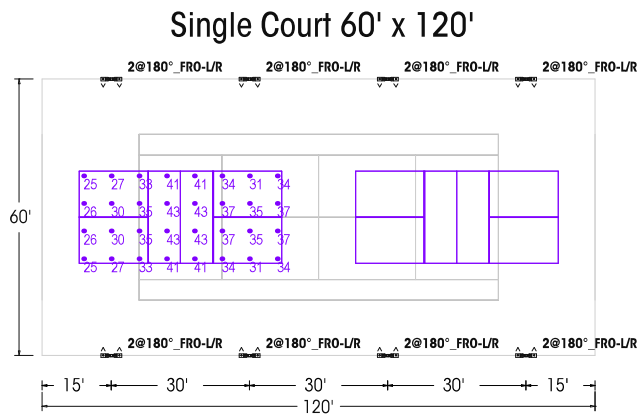
Pivot Tilt (0 - 5°) option coincides with Parallel Luminaire Arrangement Option & rotated PLED optics (field adjustable, no special order or parts required)

Luminaire Symbol with Arrow: Indicates rotated PLED optics (FRO-L / FRO-R) + the direction of PLED distribution and Pivot Tilt (if applicable).

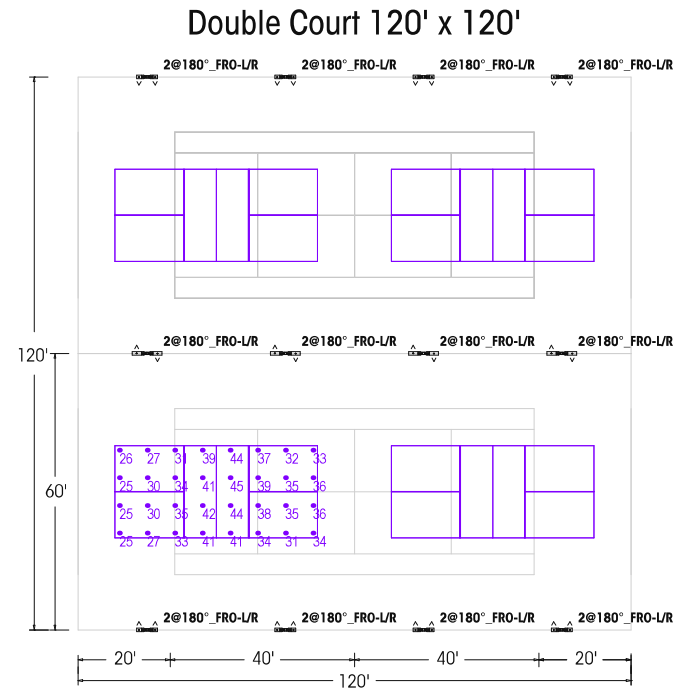
<sup>2</sup>Perpendicular Luminaire Arrangement Option: Luminaire Orientations run Perpendicular to the Sidelines, overhanging the court(s).

Typical Mounting Arrangements are 1 - Single & 2@180°. 3@90° & 4@90° options available if required to reach recommended Footcandle levels.

Pivot Tilt (0 - 5°) option not recommended with Parallel Luminaire Arrangement Option. Rotated PLED optics typically not required.



#1 - Parallel



Court Type: Tennis-to-Pickleball Retrofit (2:1)

Category: III - Recreation Court Size: 60'x120' & 120'x120' (1-CT & 2-CT)

Category	Luminaire Arrangement Options	Court Size	Pole Spacing (ft)	Pole Count	Luminaire Count / Mounting Arrangement	Pivot Tilt (°)	Recommended Part Number(s) Per Pole	Lumens Per Pole	Watts Per Pole	Illuminance Levels (FC)				
										Illuminance (FC)	AVG FC	MAX FC	MIN FC	MAX: MIN
III - Recreation	#1 (Parallel <sup>1</sup> )	60'x120' (1-CT)	30	8	2@180°	5°	BAS2-PLED-IV-CL-40LED-1225mA-40K	38196	317.8	PPA @ 3'AG	35	43	25	1.7
		120'x120' (2-CT)		12	2@180° (Interior)	5°	BAS4-PLED-IV-CL-80LED-1225mA-40K	76430	635.8	PPA @ 3'AG	35	45	25	1.8
				12	2@180° (Perimeter)	5°	BAS2-PLED-IV-CL-40LED-1225mA-40K	38196	317.8	Vertical @ 6'AG	22	25	20	1.3
	#2 (Perpendicular <sup>2</sup> )	60'x120' (1-CT)	30	8	1 - Single	N/A	BAS4-PLED-IV-CL-80LED-1225mA-40K	38215	317.9	PPA @ 3'AG	37	46	28	1.6
		120'x120' (2-CT)		12	2@180° (Interior)	N/A	BAS4-PLED-IV-CL-80LED-1225mA-40K	76430	635.8	PPA @ 3'AG	21	27	16	1.7
				12	1 - Single (Perimeter)	N/A	BAS4-PLED-IV-CL-80LED-1225mA-40K	38215	317.9	Vertical @ 6'AG	37	46	28	1.6

Notes: <sup>1</sup>Parallel Luminaire Arrangement Option: Luminaire Orientations run Parallel to the Sidelines, not overhanging the court(s).

Typical Mounting Arrangement is 2@180°. 2x2@180° option available if required to reach recommended Footcandle levels.

All Parallel Luminaire Arrangement Options require rotated PLED optics (FRO-L / FRO-R) in the direction of the courts (Not Applicable for VSQ-N & VSQ-M).

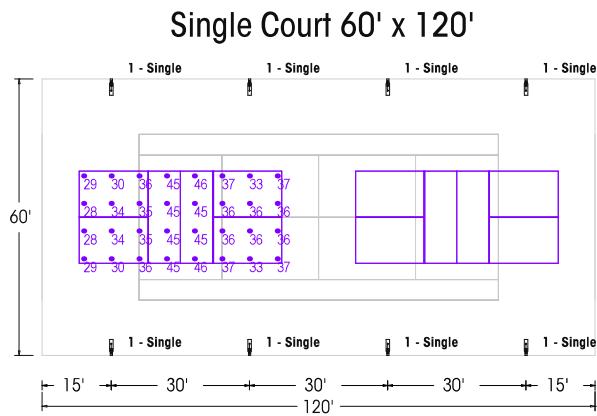
Pivot Tilt (0 - 5°) option coincides with Parallel Luminaire Arrangement Option & rotated PLED optics (field adjustable, no special order or parts required)

Luminaire Symbol with Arrow: Indicates rotated PLED optics (FRO-L / FRO-R) + the direction of PLED distribution and Pivot Tilt (if applicable).

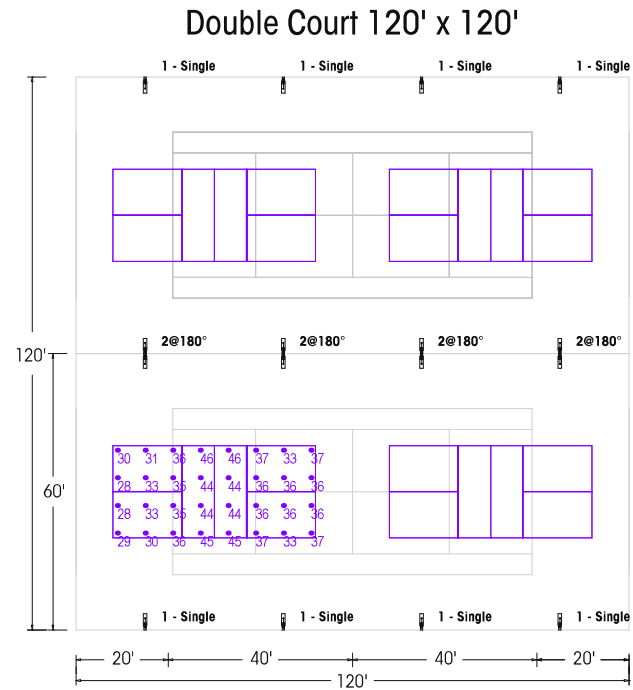
<sup>2</sup>Perpendicular Luminaire Arrangement Option: Luminaire Orientations run Perpendicular to the Sidelines, overhanging the court(s).

Typical Mounting Arrangements are 1 - Single & 2@180°. 3@90° & 4@90° options available if required to reach recommended Footcandle levels.

Pivot Tilt (0 - 5°) option not recommended with Parallel Luminaire Arrangement Option. Rotated PLED optics typically not required.



#2 - Perpendicular



Court Type: Tennis-to-Pickleball Retrofit (2:1)

Category: II - Club Court Size: 60'x120' & 120'x120' (1-CT & 2-CT)

Category	Luminaire Arrangement Options	Court Size	Pole Spacing (ft)	Pole Count	Luminaire Count / Mounting Arrangement	Pivot Tilt (°)	Recommended Part Number(s) Per Pole	Lumens Per Pole	Watts Per Pole	Illuminance Levels (FC)				
										Illuminance (FC)	AVG FC	MAX FC	MIN FC	MAX: MIN
II - Club	#1 (Parallel <sup>1</sup> )	60'x120' (1-CT)	30	8	2@180°	5°	BAS3-PLED-IV-CL-60LED-1225mA-40K	57294	476.8	PPA @ 3'AG	52	65	37	1.8
		Vertical @ 6'AG			33	37	29	1.3						
		120'x120' (2-CT)		12	2@180° (Interior)	5°	BAS6-PLED-IV-CL-120LED-1225mA-40K	114588	953.6	PPA @ 3'AG	52	68	37	1.8
					2@180° (Perimeter)	5°	BAS3-PLED-IV-CL-60LED-1225mA-40K	57294	476.8	Vertical @ 6'AG	33	37	30	1.2
	#2 (Perpendicular <sup>2</sup> )	60'x120' (1-CT)	30	8	1 - Single	N/A	BAS6-PLED-IV-CL-120LED-1225mA-40K	57294	476.8	PPA @ 3'AG	57	71	44	1.6
		Vertical @ 6'AG			34	41	25	1.6						
		120'x120' (2-CT)		12	2@180° (Interior)	N/A	BAS6-PLED-IV-CL-120LED-1225mA-40K	114588	953.6	PPA @ 3'AG	57	70	44	1.6
					1 - Single (Perimeter)	N/A	BAS6-PLED-IV-CL-120LED-1225mA-40K	57294	476.8	Vertical @ 6'AG	34	41	25	1.6

Notes: <sup>1</sup>Parallel Luminaire Arrangement Option: Luminaire Orientations run Parallel to the Sidelines, not overhanging the court(s).

Typical Mounting Arrangement is 2@180°. 2x2@180° option available if required to reach recommended Footcandle levels.

All Parallel Luminaire Arrangement Options require rotated PLED optics (FRO-L / FRO-R) in the direction of the courts (Not Applicable for VSQ-N & VSQ-M).

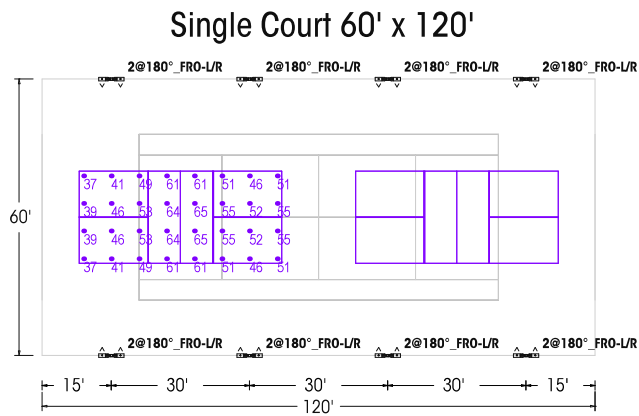
Pivot Tilt (0 - 5°) option coincides with Parallel Luminaire Arrangement Option & rotated PLED optics (field adjustable, no special order or parts required)

Luminaire Symbol with Arrow: Indicates rotated PLED optics (FRO-L / FRO-R) + the direction of PLED distribution and Pivot Tilt (if applicable).

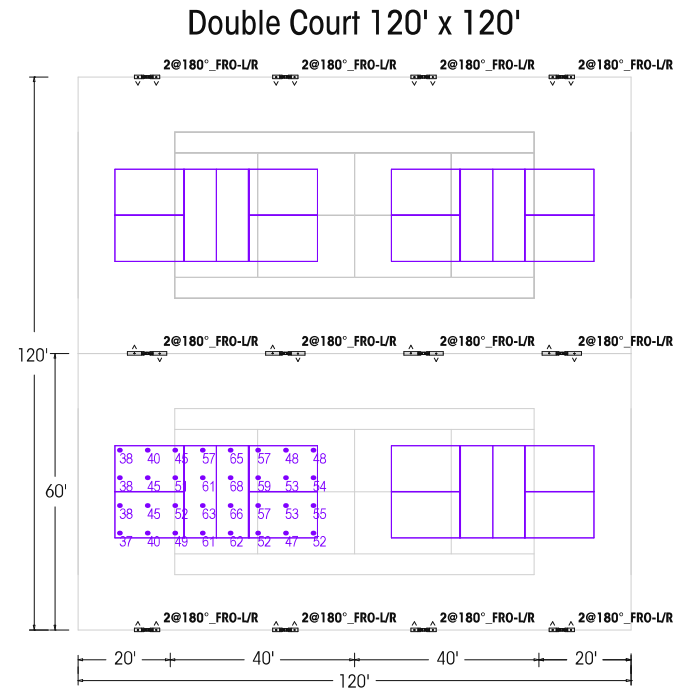
<sup>2</sup>Perpendicular Luminaire Arrangement Option: Luminaire Orientations run Perpendicular to the Sidelines, overhanging the court(s).

Typical Mounting Arrangements are 1 - Single & 2@180°. 3@90° & 4@90° options available if required to reach recommended Footcandle levels.

Pivot Tilt (0 - 5°) option not recommended with Parallel Luminaire Arrangement Option. Rotated PLED optics typically not required.



#1 - Parallel



Court Type: Tennis-to-Pickleball Retrofit (2:1)

Category: II - Club Court Size: 60'x120' & 120'x120' (1-CT & 2-CT)

Category	Luminaire Arrangement Options	Court Size	Pole Spacing (ft)	Pole Count	Luminaire Count / Mounting Arrangement	Pivot Tilt (°)	Recommended Part Number(s) Per Pole	Lumens Per Pole	Watts Per Pole	Illuminance Levels (FC)				
										Illuminance (FC)	AVG FC	MAX FC	MIN FC	MAX: MIN
II - Club	#1 (Parallel <sup>1</sup> )	60'x120' (1-CT)	30	8	2@180°	5°	BAS3-PLED-IV-CL-60LED-1225mA-40K	57294	476.8	PPA @ 3'AG	52	65	37	1.8
		120'x120' (2-CT)		12	2@180° (Interior)	5°	BAS6-PLED-IV-CL-120LED-1225mA-40K	114588	953.6	PPA @ 3'AG	52	68	37	1.8
				12	2@180° (Perimeter)	5°	BAS3-PLED-IV-CL-60LED-1225mA-40K	57294	476.8	Vertical @ 6'AG	33	37	30	1.2
		#2 (Perpendicular <sup>2</sup> )		60'x120' (1-CT)	30	8	1 - Single	N/A	BAS6-PLED-IV-CL-120LED-1225mA-40K	57294	476.8	PPA @ 3'AG	57	71
	120'x120' (2-CT)		12	2@180° (Interior)		N/A	BAS6-PLED-IV-CL-120LED-1225mA-40K	114588	953.6	PPA @ 3'AG	57	70	44	1.6
			12	1 - Single (Perimeter)		N/A	BAS6-PLED-IV-CL-120LED-1225mA-40K	57294	476.8	Vertical @ 6'AG	34	41	25	1.6
	12		1 - Single (Perimeter)	N/A		BAS6-PLED-IV-CL-120LED-1225mA-40K	57294	476.8	Vertical @ 6'AG	34	41	25	1.6	

Notes: <sup>1</sup>Parallel Luminaire Arrangement Option: Luminaire Orientations run Parallel to the Sidelines, not overhanging the court(s).

Typical Mounting Arrangement is 2@180°. 2x2@180° option available if required to reach recommended Footcandle levels.

All Parallel Luminaire Arrangement Options require rotated PLED optics (FRO-L / FRO-R) in the direction of the courts (Not Applicable for VSQ-N & VSQ-M).

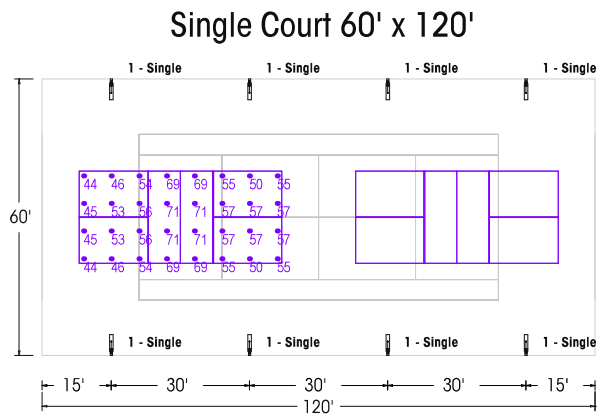
Pivot Tilt (0 - 5°) option coincides with Parallel Luminaire Arrangement Option & rotated PLED optics (field adjustable, no special order or parts required)

Luminaire Symbol with Arrow: Indicates rotated PLED optics (FRO-L / FRO-R) + the direction of PLED distribution and Pivot Tilt (if applicable).

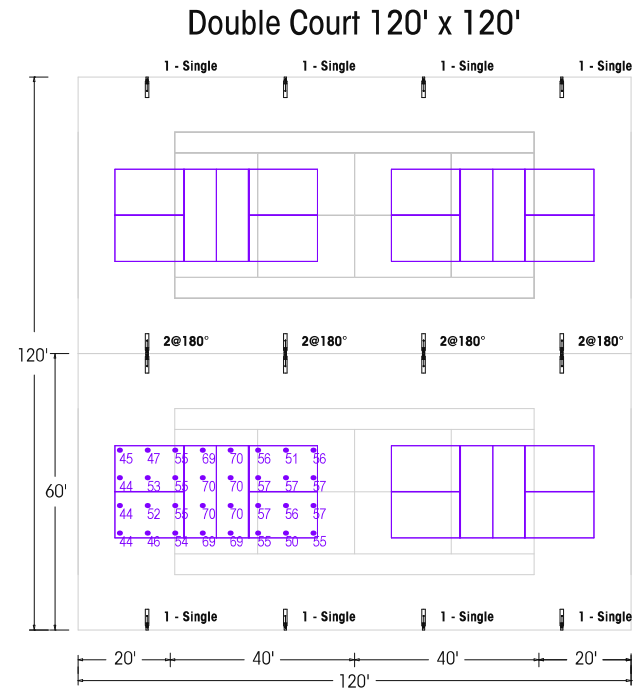
<sup>2</sup>Perpendicular Luminaire Arrangement Option: Luminaire Orientations run Perpendicular to the Sidelines, overhanging the court(s).

Typical Mounting Arrangements are 1 - Single & 2@180°. 3@90° & 4@90° options available if required to reach recommended Footcandle levels.

Pivot Tilt (0 - 5°) option not recommended with Parallel Luminaire Arrangement Option. Rotated PLED optics typically not required.



#2 - Perpendicular



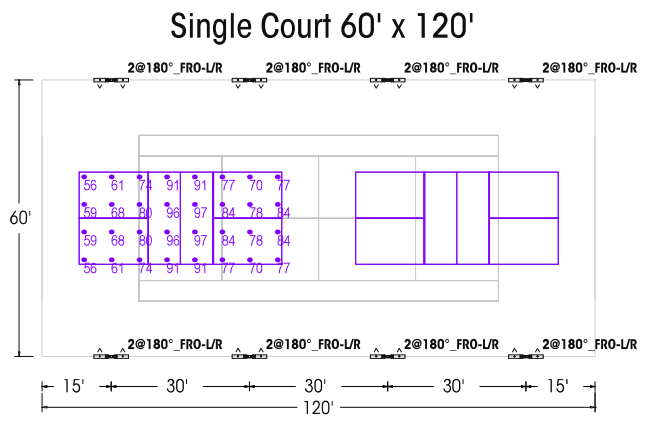
Court Type: Tennis-to-Pickleball Retrofit (2:1)

Category: I - Professional Court Size: 60'x120' & 120'x120' (1-CT & 2-CT)

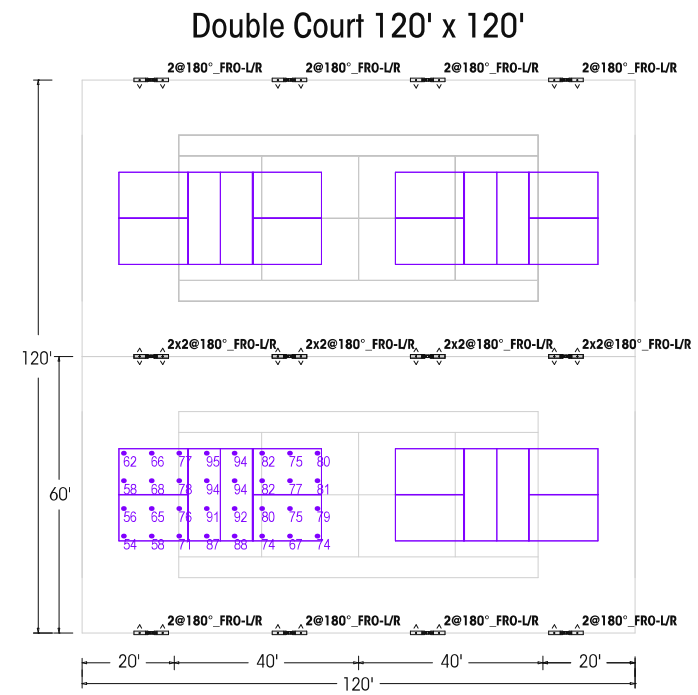
Category	Luminaire Arrangement Options	Court Size	Pole Spacing (ft)	Pole Count	Luminaire Count / Mounting Arrangement	Pivot Tilt (°)	Recommended Part Number(s) Per Pole	Lumens Per Pole	Watts Per Pole	Illuminance Levels (FC)				
										Illuminance (FC)	AVG FC	MAX FC	MIN FC	MAX: MIN
I - Professional	#1 (Parallel <sup>1</sup> )	60'x120' (1-CT)	30	8	2@180°	5°	BAS5-PLED-IV-CL-100LED-1050mA-40K	85764	673.8	PPA @ 3'AG	78	97	56	1.7
		120'x120' (2-CT)			2x2@180° (Interior)	5°	BAS5-PLED-IV-CL-100LED-1050mA-40K	171528	1347.6	Vertical @ 6'AG	48	54	43	1.3
				2@180° (Perimeter)	5°	BAS5-PLED-IV-CL-100LED-1050mA-40K	85764	673.8	Vertical @ 6'AG	48	59	40	1.5	
	#2 (Perpendicular <sup>2</sup> )	60'x120' (1-CT)	N/A (Parallel Option Only Available)		N/A	N/A	N/A	N/A	N/A	PPA @ 3'AG	N/A			
		120'x120' (2-CT)								Vertical @ 6'AG				
										PPA @ 3'AG				
Vertical @ 6'AG														

Notes: <sup>1</sup>Parallel Luminaire Arrangement Option: Luminaire Orientations run Parallel to the Sidelines, not overhanging the court(s). Typical Mounting Arrangement is 2@180°. 2x2@180° option available if required to reach recommended Footcandle levels. All Parallel Luminaire Arrangement Options require rotated PLED optics (FRO-L / FRO-R) in the direction of the courts (Not Applicable for VSQ-N & VSQ-M). Pivot Tilt (0 - 5°) option coincides with Parallel Luminaire Arrangement Option & rotated PLED optics (field adjustable, no special order or parts required). Luminaire Symbol with Arrow: Indicates rotated PLED optics (FRO-L / FRO-R) + the direction of PLED distribution and Pivot Tilt (if applicable).

<sup>2</sup>Perpendicular Luminaire Arrangement Option: Luminaire Orientations run Perpendicular to the Sidelines, overhanging the court(s). Typical Mounting Arrangements are 1 - Single & 2@180°. 3@90° & 4@90° options available if required to reach recommended Footcandle levels. Pivot Tilt (0 - 5°) option not recommended with Parallel Luminaire Arrangement Option. Rotated PLED optics typically not required.



#1 - Parallel



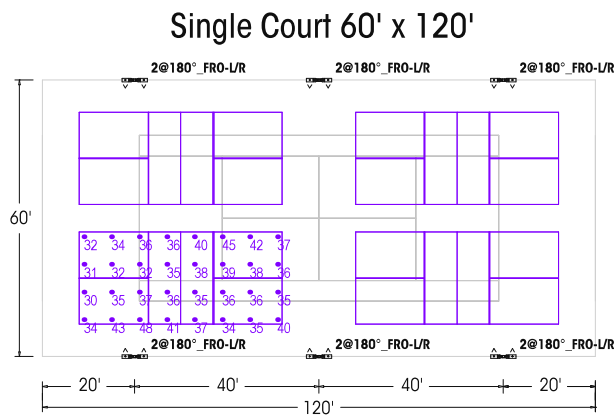
Court Type: Tennis-to-Pickleball Retrofit (4:1)

Category: III - Recreation Court Size: 60'x120' & 120'x120' (1-CT & 2-CT)

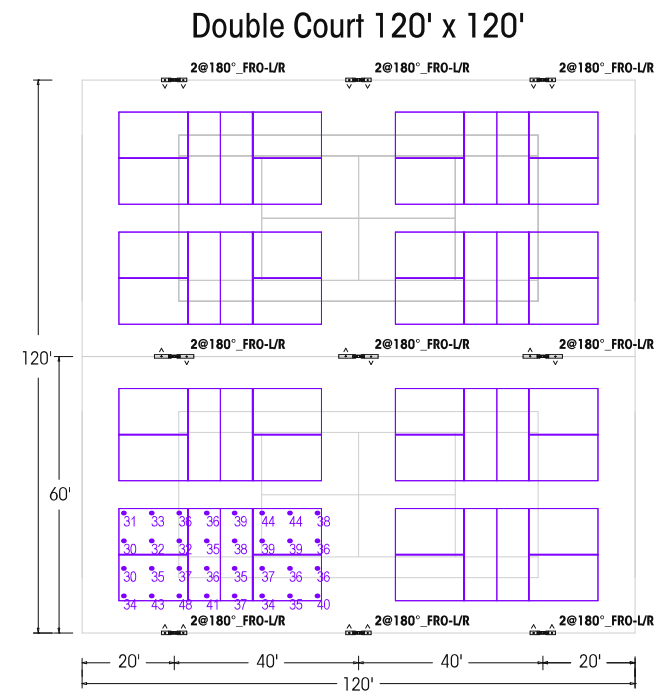
Category	Luminaire Arrangement Options	Court Size	Pole Spacing (ft)	Pole Count	Luminaire Count / Mounting Arrangement	Pivot Tilt (°)	Recommended Part Number(s) Per Pole	Lumens Per Pole	Watts Per Pole	Illuminance Levels (FC)				
										Illuminance (FC)	AVG FC	MAX FC	MIN FC	MAX: MIN
III - Recreation	#1 (Parallel <sup>1</sup> )	60'x120' (1-CT)	40	6	2@180°	5°	BAS3-PLED-IV-CL-60LED-1050mA-40K	51460	404.2	PPA @ 3'AG	37	48	30	1.6
		Vertical @ 6'AG			22	23	19	1.2						
		120'x120' (2-CT)		9	2@180° (Interior)	5°	BAS6-PLED-IV-CL-120LED-1050mA-40K	102918	808.6	PPA @ 3'AG	37	48	30	1.6
	2@180° (Perimeter)	5°	BAS3-PLED-IV-CL-60LED-1050mA-40K		51460	404.2	Vertical @ 6'AG	22	23	20	1.2			
	#2 (Perpendicular <sup>2</sup> )	60'x120' (1-CT)	40	6	1 - Single	N/A	BAS6-PLED-IV-CL-120LED-1225mA-40K	57294	476.8	PPA @ 3'AG	45	59	34	1.7
		Vertical @ 6'AG			20	21	18	1.2						
120'x120' (2-CT)		9		2@180° (Interior)	N/A	BAS6-PLED-IV-CL-120LED-1225mA-40K	114588	953.6	PPA @ 3'AG	45	59	34	1.7	
1 - Single (Perimeter)	N/A		BAS6-PLED-IV-CL-120LED-1225mA-40K	57294	476.8	Vertical @ 6'AG	20	21	18	1.2				

Notes: <sup>1</sup>Parallel Luminaire Arrangement Option: Luminaire Orientations run Parallel to the Sidelines, not overhanging the court(s). Typical Mounting Arrangement is 2@180°. 2x2@180° option available if required to reach recommended Footcandle levels. All Parallel Luminaire Arrangement Options require rotated PLED optics (FRO-L / FRO-R) in the direction of the courts (Not Applicable for VSQ-N & VSQ-M). Pivot Tilt (0 - 5°) option coincides with Parallel Luminaire Arrangement Option & rotated PLED optics (field adjustable, no special order or parts required). Luminaire Symbol with Arrow: Indicates rotated PLED optics (FRO-L / FRO-R) + the direction of PLED distribution and Pivot Tilt (if applicable).

<sup>2</sup>Perpendicular Luminaire Arrangement Option: Luminaire Orientations run Perpendicular to the Sidelines, overhanging the court(s). Typical Mounting Arrangements are 1 - Single & 2@180°. 3@90° & 4@90° options available if required to reach recommended Footcandle levels. Pivot Tilt (0 - 5°) option not recommended with Parallel Luminaire Arrangement Option. Rotated PLED optics typically not required.



#1 - Parallel



Court Type: Tennis-to-Pickleball Retrofit (4:1)

Category: III - Recreation Court Size: 60'x120' & 120'x120' (1-CT & 2-CT)

Category	Luminaire Arrangement Options	Court Size	Pole Spacing (ft)	Pole Count	Luminaire Count / Mounting Arrangement	Pivot Tilt (°)	Recommended Part Number(s) Per Pole	Lumens Per Pole	Watts Per Pole	Illuminance Levels (FC)				
										Illuminance (FC)	AVG FC	MAX FC	MIN FC	MAX: MIN
III - Recreation	#1 (Parallel <sup>1</sup> )	60'x120' (1-CT)	40	6	2@180°	5°	BAS3-PLED-IV-CL-60LED-1050mA-40K	51460	404.2	PPA @ 3'AG	37	48	30	1.6
		120'x120' (2-CT)		9	2@180° (Interior)	5°	BAS6-PLED-IV-CL-120LED-1050mA-40K	102918	808.6	PPA @ 3'AG	37	48	30	1.6
				9	2@180° (Perimeter)	5°	BAS3-PLED-IV-CL-60LED-1050mA-40K	51460	404.2	Vertical @ 6'AG	22	23	20	1.2
	#2 (Perpendicular <sup>2</sup> )	60'x120' (1-CT)	40	6	1 - Single	N/A	BAS6-PLED-IV-CL-120LED-1225mA-40K	57294	476.8	PPA @ 3'AG	45	59	34	1.7
		120'x120' (2-CT)		9	2@180° (Interior)	N/A	BAS6-PLED-IV-CL-120LED-1225mA-40K	114588	953.6	PPA @ 3'AG	45	59	34	1.7
				9	1 - Single (Perimeter)	N/A	BAS6-PLED-IV-CL-120LED-1225mA-40K	57294	476.8	Vertical @ 6'AG	20	21	18	1.2

Notes: <sup>1</sup>Parallel Luminaire Arrangement Option: Luminaire Orientations run Parallel to the Sidelines, not overhanging the court(s).

Typical Mounting Arrangement is 2@180°. 2x2@180° option available if required to reach recommended Footcandle levels.

All Parallel Luminaire Arrangement Options require rotated PLED optics (FRO-L / FRO-R) in the direction of the courts (Not Applicable for VSQ-N & VSQ-M).

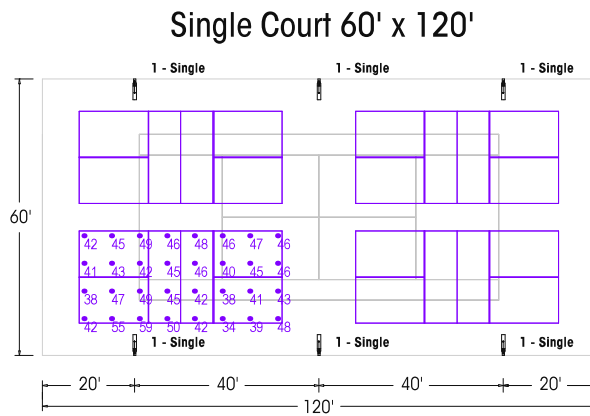
Pivot Tilt (0 - 5°) option coincides with Parallel Luminaire Arrangement Option & rotated PLED optics (field adjustable, no special order or parts required)

Luminaire Symbol with Arrow: Indicates rotated PLED optics (FRO-L / FRO-R) + the direction of PLED distribution and Pivot Tilt (if applicable).

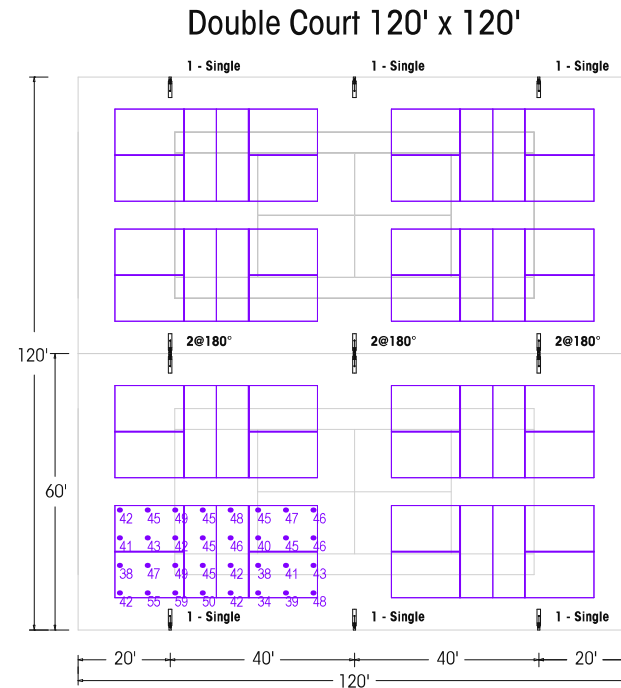
<sup>2</sup>Perpendicular Luminaire Arrangement Option: Luminaire Orientations run Perpendicular to the Sidelines, overhanging the court(s).

Typical Mounting Arrangements are 1 - Single & 2@180°. 3@90° & 4@90° options available if required to reach recommended Footcandle levels.

Pivot Tilt (0 - 5°) option not recommended with Parallel Luminaire Arrangement Option. Rotated PLED optics typically not required.



#2 - Perpendicular



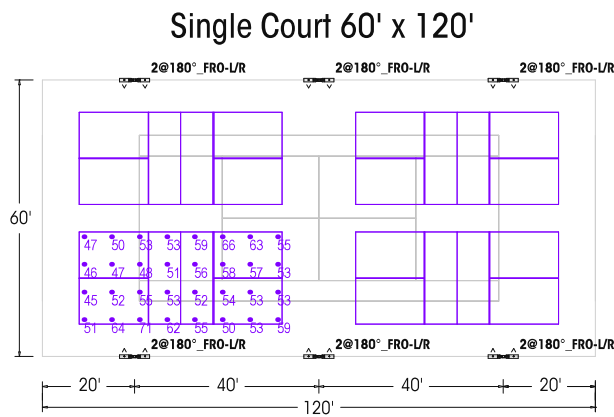
Court Type: Tennis-to-Pickleball Retrofit (4:1)

Category: II - Club Court Size: 60'x120' & 120'x120' (1-CT & 2-CT)

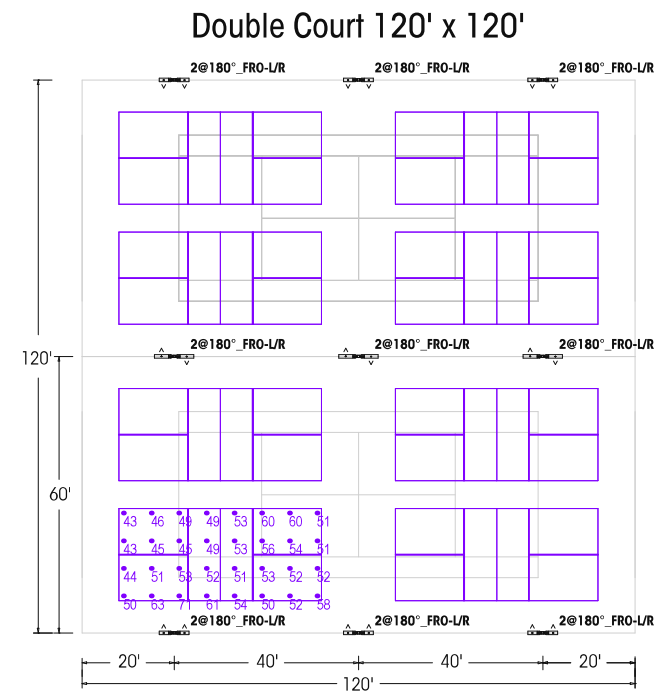
Category	Luminaire Arrangement Options	Court Size	Pole Spacing (ft)	Pole Count	Luminaire Count / Mounting Arrangement	Pivot Tilt (°)	Recommended Part Number(s) Per Pole	Lumens Per Pole	Watts Per Pole	Illuminance Levels (FC)					
										Illuminance (FC)	AVG FC	MAX FC	MIN FC	MAX: MIN	
II - Club	#1 (Parallel <sup>1</sup> )	60'x120' (1-CT)	40	6	2@180°	5°	BAS4-PLED-IV-CL-80LED-1225mA-40K	76430	635.8	PPA @ 3'AG	55	71	45	1.6	
		120'x120' (2-CT)			2@180° (Interior)	5°	BAS6-PLED-IV-CL-120LED-1400mA-40K	124148	1100.4	PPA @ 3'AG	33	35	29	1.2	
				2@180° (Perimeter)	5°	BAS4-PLED-IV-CL-80LED-1225mA-40K	76430	635.8	Vertical @ 6'AG	52	71	43	1.7		
	#2 (Perpendicular <sup>2</sup> )	60'x120' (1-CT) 120'x120' (2-CT)	N/A (Parallel Option Only Available)			N/A	N/A	N/A	N/A	N/A	PPA @ 3'AG	N/A			
			Vertical @ 6'AG	N/A											
			PPA @ 3'AG	N/A											
										Vertical @ 6'AG	N/A				

Notes: <sup>1</sup>Parallel Luminaire Arrangement Option: Luminaire Orientations run Parallel to the Sidelines, not overhanging the court(s). Typical Mounting Arrangement is 2@180°. 2x2@180° option available if required to reach recommended Footcandle levels. All Parallel Luminaire Arrangement Options require rotated PLED optics (FRO-L / FRO-R) in the direction of the courts (Not Applicable for VSQ-N & VSQ-M). Pivot Tilt (0 - 5°) option coincides with Parallel Luminaire Arrangement Option & rotated PLED optics (field adjustable, no special order or parts required). Luminaire Symbol with Arrow: Indicates rotated PLED optics (FRO-L / FRO-R) + the direction of PLED distribution and Pivot Tilt (if applicable).

<sup>2</sup>Perpendicular Luminaire Arrangement Option: Luminaire Orientations run Perpendicular to the Sidelines, overhanging the court(s). Typical Mounting Arrangements are 1 - Single & 2@180°. 3@90° & 4@90° options available if required to reach recommended Footcandle levels. Pivot Tilt (0 - 5°) option not recommended with Parallel Luminaire Arrangement Option. Rotated PLED optics typically not required.



#1 - Parallel



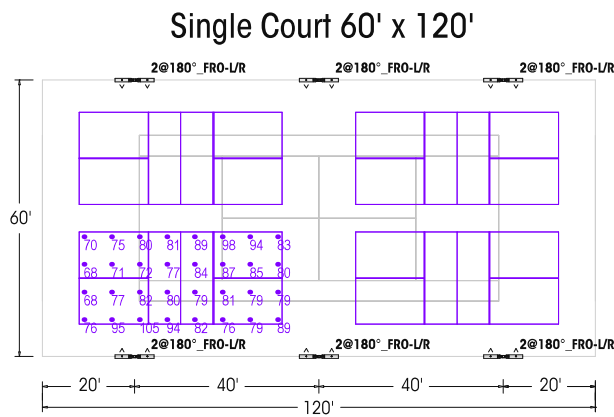
Court Type: Tennis-to-Pickleball Retrofit (4:1)

Category: I - Professional Court Size: 60'x120' & 120'x120' (1-CT & 2-CT)

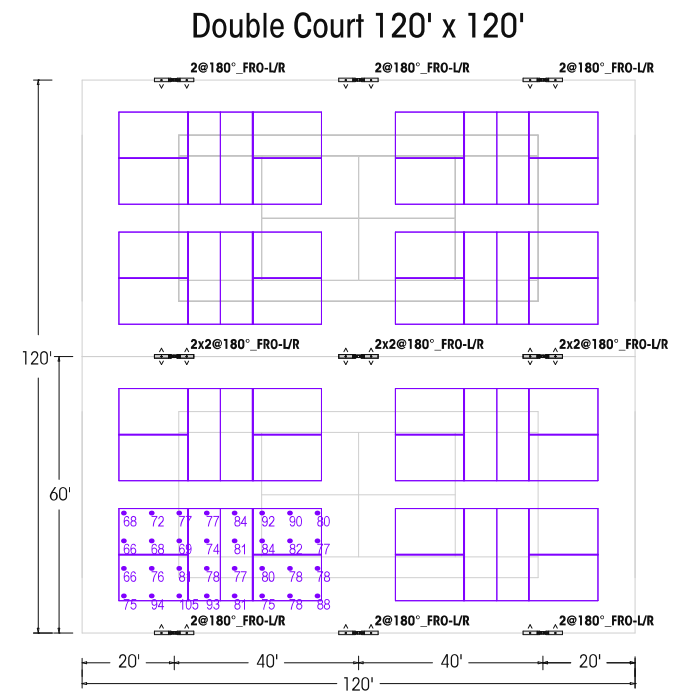
Category	Luminaire Arrangement Options	Court Size	Pole Spacing (ft)	Pole Count	Luminaire Count / Mounting Arrangement	Pivot Tilt (°)	Recommended Part Number(s) Per Pole	Lumens Per Pole	Watts Per Pole	Illuminance Levels (FC)				
										Illuminance (FC)	AVG FC	MAX FC	MIN FC	MAX: MIN
I - Professional	#1 (Parallel <sup>1</sup> )	60'x120' (1-CT)	40	6	2@180°	5°	BAS6-PLED-IV-CL-120LED-1225mA-40K	114588	953.6	PPA @ 3'AG	82	105	68	1.5
		Vertical @ 6'AG			49		52			45	1.2			
		120'x120' (2-CT)		9	2x2@180° (Interior)	5°	BAS6-PLED-IV-CL-120LED-1225mA-40K	229176	1907.2	PPA @ 3'AG	80	105	66	1.6
	2@180° (Perimeter)	5°	BAS6-PLED-IV-CL-120LED-1225mA-40K		114588	953.6	Vertical @ 6'AG	48	50	45	1.1			
	#2 (Perpendicular <sup>2</sup> )	60'x120' (1-CT)	N/A (Parallel Option Only Available)	N/A	N/A	N/A	N/A	N/A	N/A	PPA @ 3'AG	N/A			
		Vertical @ 6'AG								N/A				
PPA @ 3'AG		N/A												
		120'x120' (2-CT)							Vertical @ 6'AG	N/A				

Notes: <sup>1</sup>Parallel Luminaire Arrangement Option: Luminaire Orientations run Parallel to the Sidelines, not overhanging the court(s). Typical Mounting Arrangement is 2@180°. 2x2@180° option available if required to reach recommended Footcandle levels. All Parallel Luminaire Arrangement Options require rotated PLED optics (FRO-L / FRO-R) in the direction of the courts (Not Applicable for VSQ-N & VSQ-M). Pivot Tilt (0 - 5°) option coincides with Parallel Luminaire Arrangement Option & rotated PLED optics (field adjustable, no special order or parts required). Luminaire Symbol with Arrow: Indicates rotated PLED optics (FRO-L / FRO-R) + the direction of PLED distribution and Pivot Tilt (if applicable).

<sup>2</sup>Perpendicular Luminaire Arrangement Option: Luminaire Orientations run Perpendicular to the Sidelines, overhanging the court(s). Typical Mounting Arrangements are 1 - Single & 2@180°. 3@90° & 4@90° options available if required to reach recommended Footcandle levels. Pivot Tilt (0 - 5°) option not recommended with Parallel Luminaire Arrangement Option. Rotated PLED optics typically not required.



#1 - Parallel



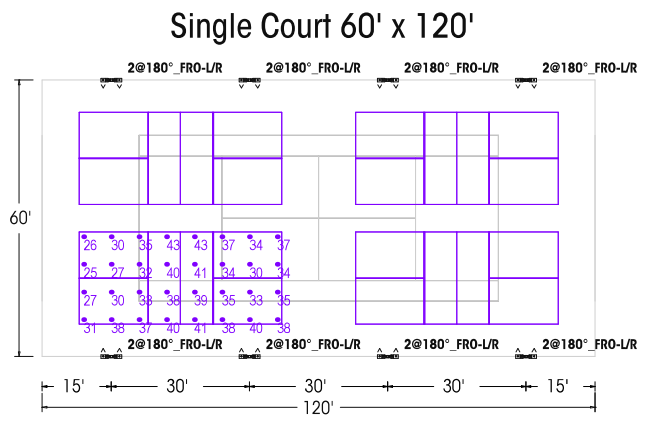
Court Type: Tennis-to-Pickleball Retrofit (4:1)

Category: III - Recreation Court Size: 60'x120' & 120'x120' (1-CT & 2-CT)

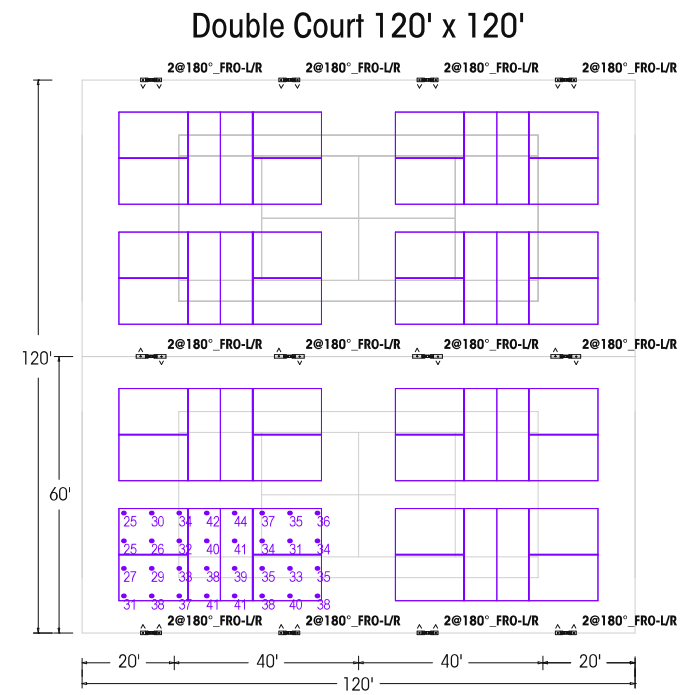
Category	Luminaire Arrangement Options	Court Size	Pole Spacing (ft)	Pole Count	Luminaire Count / Mounting Arrangement	Pivot Tilt (°)	Recommended Part Number(s) Per Pole	Lumens Per Pole	Watts Per Pole	Illuminance Levels (FC)				
										Illuminance (FC)	AVG FC	MAX FC	MIN FC	MAX: MIN
III - Recreation	#1 (Parallel <sup>1</sup> )	60'x120' (1-CT)	30	8	2@180°	5°	BAS2-PLED-IV-CL-40LED-1225mA-40K	38196	317.8	PPA @ 3'AG	35	43	25	1.7
		120'x120' (2-CT)		12	2@180° (Interior)	5°	BAS4-PLED-IV-CL-80LED-1225mA-40K	76430	635.8	PPA @ 3'AG	25	26	20	1.3
				12	2@180° (Perimeter)	5°	BAS2-PLED-IV-CL-40LED-1225mA-40K	38196	317.8	Vertical @ 6'AG	35	44	25	1.8
		12			Vertical @ 6'AG	25	26	21	1.2					
	#2 (Perpendicular <sup>2</sup> )		60'x120' (1-CT)	30	8	1 - Single	N/A	BAS4-PLED-IV-CL-80LED-1225mA-40K	38215	317.9	PPA @ 3'AG	37	45	29
		120'x120' (2-CT)	12		2@180° (Interior)	N/A	BAS4-PLED-IV-CL-80LED-1225mA-40K	76430	635.8	PPA @ 3'AG	25	28	17	1.7
12			1 - Single (Perimeter)		N/A	BAS4-PLED-IV-CL-80LED-1225mA-40K	38215	317.9	PPA @ 3'AG	37	45	29	1.6	
		12	Vertical @ 6'AG		26	29	18	1.6						

Notes: <sup>1</sup>**Parallel Luminaire Arrangement Option:** Luminaire Orientations run Parallel to the Sidelines, not overhanging the court(s). Typical Mounting Arrangement is **2@180°**. **2x2@180°** option available if required to reach recommended Footcandle levels. All Parallel Luminaire Arrangement Options require rotated PLED optics (FRO-L / FRO-R) in the direction of the courts (Not Applicable for VSQ-N & VSQ-M). Pivot Tilt (0 - 5°) option coincides with Parallel Luminaire Arrangement Option & rotated PLED optics (field adjustable, no special order or parts required). **Luminaire Symbol with Arrow:** Indicates rotated PLED optics (FRO-L / FRO-R) + the direction of PLED distribution and Pivot Tilt (if applicable).

<sup>2</sup>**Perpendicular Luminaire Arrangement Option:** Luminaire Orientations run Perpendicular to the Sidelines, overhanging the court(s). Typical Mounting Arrangements are **1 - Single & 2@180°**. **3@90° & 4@90°** options available if required to reach recommended Footcandle levels. Pivot Tilt (0 - 5°) option not recommended with Parallel Luminaire Arrangement Option. Rotated PLED optics typically not required.



#1 - Parallel



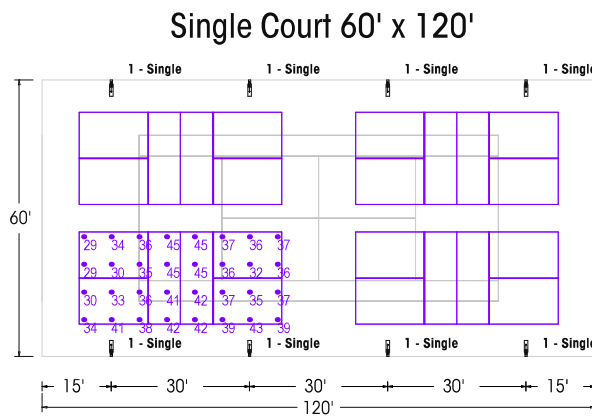
Court Type: Tennis-to-Pickleball Retrofit (4:1)

Category: III - Recreation Court Size: 60'x120' & 120'x120' (1-CT & 2-CT)

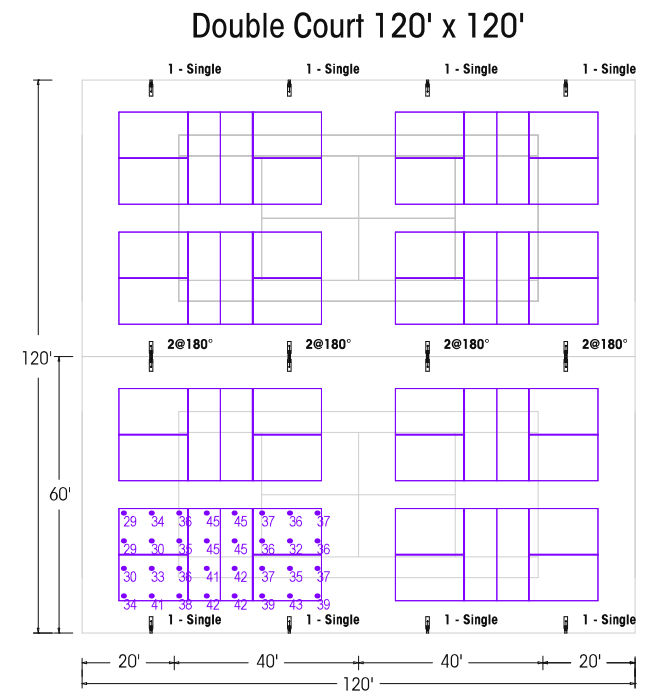
Category	Luminaire Arrangement Options	Court Size	Pole Spacing (ft)	Pole Count	Luminaire Count / Mounting Arrangement	Pivot Tilt (°)	Recommended Part Number(s) Per Pole	Lumens Per Pole	Watts Per Pole	Illuminance Levels (FC)				
										Illuminance (FC)	AVG FC	MAX FC	MIN FC	MAX: MIN
III - Recreation	#1 (Parallel <sup>1</sup> )	60'x120' (1-CT)	30	8	2@180°	5°	BAS2-PLED-IV-CL-40LED-1225mA-40K	38196	317.8	PPA @ 3'AG	35	43	25	1.7
		120'x120' (2-CT)		12	2@180° (Interior)	5°	BAS4-PLED-IV-CL-80LED-1225mA-40K	76430	635.8	PPA @ 3'AG	25	26	20	1.3
				12	2@180° (Perimeter)	5°	BAS2-PLED-IV-CL-40LED-1225mA-40K	38196	317.8	Vertical @ 6'AG	35	44	25	1.8
		#2 (Perpendicular <sup>2</sup> )			60'x120' (1-CT)	30	8	1 - Single	N/A	BAS4-PLED-IV-CL-80LED-1225mA-40K	38215	317.9	PPA @ 3'AG	25
	120'x120' (2-CT)		12	2@180° (Interior)	N/A		BAS4-PLED-IV-CL-80LED-1225mA-40K	76430	635.8	Vertical @ 6'AG	37	45	29	1.6
			12	1 - Single (Perimeter)	N/A		BAS4-PLED-IV-CL-80LED-1225mA-40K	38215	317.9	PPA @ 3'AG	25	28	17	1.7
	12			1 - Single (Perimeter)	N/A		BAS4-PLED-IV-CL-80LED-1225mA-40K	38215	317.9	Vertical @ 6'AG	37	45	29	1.6
		12	1 - Single (Perimeter)	N/A	BAS4-PLED-IV-CL-80LED-1225mA-40K	38215	317.9	Vertical @ 6'AG	26	29	18	1.6		

Notes: <sup>1</sup>Parallel Luminaire Arrangement Option: Luminaire Orientations run Parallel to the Sidelines, not overhanging the court(s). Typical Mounting Arrangement is 2@180°. 2x2@180° option available if required to reach recommended Footcandle levels. All Parallel Luminaire Arrangement Options require rotated PLED optics (FRO-L / FRO-R) in the direction of the courts (Not Applicable for VSQ-N & VSQ-M). Pivot Tilt (0 - 5°) option coincides with Parallel Luminaire Arrangement Option & rotated PLED optics (field adjustable, no special order or parts required). Luminaire Symbol with Arrow: Indicates rotated PLED optics (FRO-L / FRO-R) + the direction of PLED distribution and Pivot Tilt (if applicable).

<sup>2</sup>Perpendicular Luminaire Arrangement Option: Luminaire Orientations run Perpendicular to the Sidelines, overhanging the court(s). Typical Mounting Arrangements are 1 - Single & 2@180°. 3@90° & 4@90° options available if required to reach recommended Footcandle levels. Pivot Tilt (0 - 5°) option not recommended with Parallel Luminaire Arrangement Option. Rotated PLED optics typically not required.



#2 - Perpendicular



Court Type: Tennis-to-Pickleball Retrofit (4:1)

Category: II - Club Court Size: 60'x120' & 120'x120' (1-CT & 2-CT)

Category	Luminaire Arrangement Options	Court Size	Pole Spacing (ft)	Pole Count	Luminaire Count / Mounting Arrangement	Pivot Tilt (°)	Recommended Part Number(s) Per Pole	Lumens Per Pole	Watts Per Pole	Illuminance Levels (FC)				
										Illuminance (FC)	AVG FC	MAX FC	MIN FC	MAX: MIN
II - Club	#1 (Parallel <sup>1</sup> )	60'x120' (1-CT)	30	8	2@180°	5°	BAS3-PLED-IV-CL-60LED-1225mA-40K	57294	476.8	PPA @ 3'AG	52	64	37	1.7
		120'x120' (2-CT)		12	2@180° (Interior)	5°	BAS6-PLED-IV-CL-120LED-1225mA-40K	114588	953.6	Vertical @ 6'AG	37	39	31	1.3
	#2 (Perpendicular <sup>2</sup> )	60'x120' (1-CT)	30	8	1 - Single	N/A	BAS6-PLED-IV-CL-120LED-1225mA-40K	57294	476.8	PPA @ 3'AG	57	71	44	1.6
				12	2@180° (Interior)	N/A	BAS6-PLED-IV-CL-120LED-1225mA-40K	114588	953.6	Vertical @ 6'AG	39	43	28	1.5
		120'x120' (2-CT)	30	8	1 - Single (Perimeter)	N/A	BAS6-PLED-IV-CL-120LED-1225mA-40K	57294	476.8	PPA @ 3'AG	57	71	44	1.6
				12	2@180° (Perimeter)	N/A	BAS6-PLED-IV-CL-120LED-1225mA-40K	57294	476.8	Vertical @ 6'AG	39	43	28	1.5

Notes: <sup>1</sup>Parallel Luminaire Arrangement Option: Luminaire Orientations run Parallel to the Sidelines, not overhanging the court(s).

Typical Mounting Arrangement is 2@180°. 2x2@180° option available if required to reach recommended Footcandle levels.

All Parallel Luminaire Arrangement Options require rotated PLED optics (FRO-L / FRO-R) in the direction of the courts (Not Applicable for VSQ-N & VSQ-M).

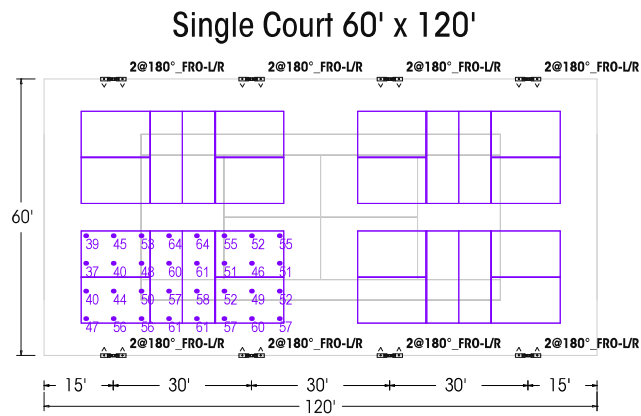
Pivot Tilt (0 - 5°) option coincides with Parallel Luminaire Arrangement Option & rotated PLED optics (field adjustable, no special order or parts required)

Luminaire Symbol with Arrow: Indicates rotated PLED optics (FRO-L / FRO-R) + the direction of PLED distribution and Pivot Tilt (if applicable).

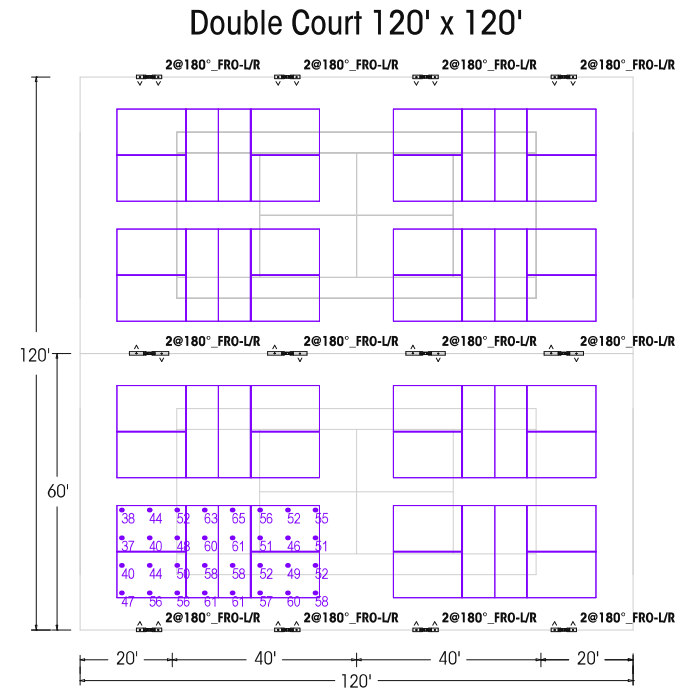
<sup>2</sup>Perpendicular Luminaire Arrangement Option: Luminaire Orientations run Perpendicular to the Sidelines, overhanging the court(s).

Typical Mounting Arrangements are 1 - Single & 2@180°. 3@90° & 4@90° options available if required to reach recommended Footcandle levels.

Pivot Tilt (0 - 5°) option not recommended with Parallel Luminaire Arrangement Option. Rotated PLED optics typically not required.



#1 - Parallel



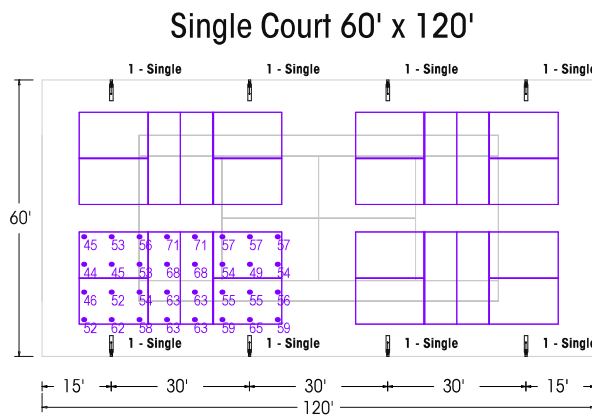
Court Type: Tennis-to-Pickleball Retrofit (4:1)

Category: II - Club Court Size: 60'x120' & 120'x120' (1-CT & 2-CT)

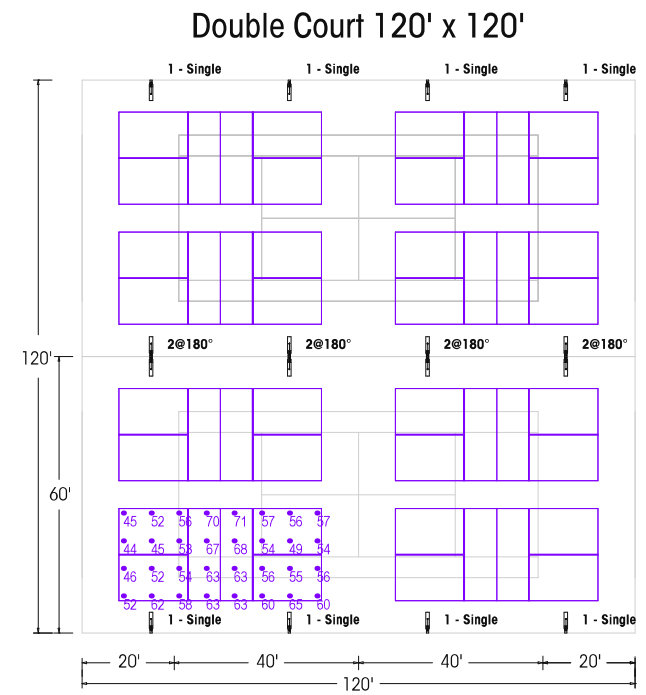
Category	Luminaire Arrangement Options	Court Size	Pole Spacing (ft)	Pole Count	Luminaire Count / Mounting Arrangement	Pivot Tilt (°)	Recommended Part Number(s) Per Pole	Lumens Per Pole	Watts Per Pole	Illuminance Levels (FC)				
										Illuminance (FC)	AVG FC	MAX FC	MIN FC	MAX: MIN
II - Club	#1 (Parallel <sup>1</sup> )	60'x120' (1-CT)	30	8	2@180°	5°	BAS3-PLED-IV-CL-60LED-1225mA-40K	57294	476.8	PPA @ 3'AG	52	64	37	1.7
		120'x120' (2-CT)		12	2@180° (Interior)	5°	BAS6-PLED-IV-CL-120LED-1225mA-40K	114588	953.6	PPA @ 3'AG	52	65	37	1.8
				12	2@180° (Perimeter)	5°	BAS3-PLED-IV-CL-60LED-1225mA-40K	57294	476.8	Vertical @ 6'AG	37	39	31	1.3
		#2 (Perpendicular <sup>2</sup> )		60'x120' (1-CT)	30	8	1 - Single	N/A	BAS6-PLED-IV-CL-120LED-1225mA-40K	57294	476.8	PPA @ 3'AG	57	71
	120'x120' (2-CT)		12	2@180° (Interior)		N/A	BAS6-PLED-IV-CL-120LED-1225mA-40K	114588	953.6	PPA @ 3'AG	57	43	28	1.5
			12	1 - Single (Perimeter)		N/A	BAS6-PLED-IV-CL-120LED-1225mA-40K	57294	476.8	Vertical @ 6'AG	39	43	28	1.5
	12		1 - Single (Perimeter)	N/A		BAS6-PLED-IV-CL-120LED-1225mA-40K	57294	476.8	Vertical @ 6'AG	39	43	28	1.5	

Notes: <sup>1</sup>Parallel Luminaire Arrangement Option: Luminaire Orientations run Parallel to the Sidelines, not overhanging the court(s). Typical Mounting Arrangement is 2@180°. 2x2@180° option available if required to reach recommended Footcandle levels. All Parallel Luminaire Arrangement Options require rotated PLED optics (FRO-L / FRO-R) in the direction of the courts (Not Applicable for VSQ-N & VSQ-M). Pivot Tilt (0 - 5°) option coincides with Parallel Luminaire Arrangement Option & rotated PLED optics (field adjustable, no special order or parts required). Luminaire Symbol with Arrow: Indicates rotated PLED optics (FRO-L / FRO-R) + the direction of PLED distribution and Pivot Tilt (if applicable).

<sup>2</sup>Perpendicular Luminaire Arrangement Option: Luminaire Orientations run Perpendicular to the Sidelines, overhanging the court(s). Typical Mounting Arrangements are 1 - Single & 2@180°. 3@90° & 4@90° options available if required to reach recommended Footcandle levels. Pivot Tilt (0 - 5°) option not recommended with Parallel Luminaire Arrangement Option. Rotated PLED optics typically not required.



#2 - Perpendicular



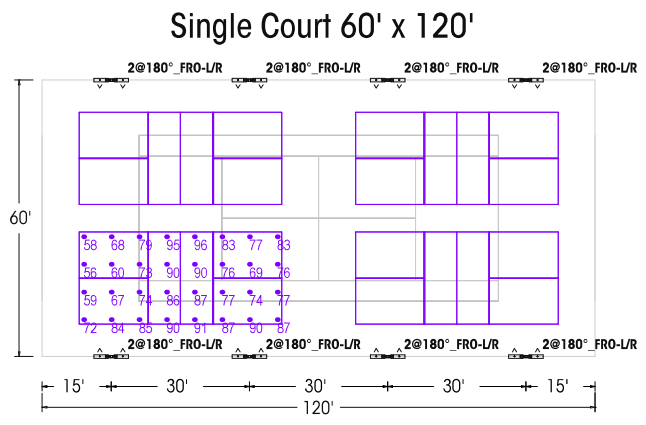
Court Type: Tennis-to-Pickleball Retrofit (4:1)

Category: I - Professional Court Size: 60'x120' & 120'x120' (1-CT & 2-CT)

Category	Luminaire Arrangement Options	Court Size	Pole Spacing (ft)	Pole Count	Luminaire Count / Mounting Arrangement	Pivot Tilt (°)	Recommended Part Number(s) Per Pole	Lumens Per Pole	Watts Per Pole	Illuminance Levels (FC)				
										Illuminance (FC)	AVG FC	MAX FC	MIN FC	MAX: MIN
I - Professional	#1 (Parallel <sup>1</sup> )	60'x120' (1-CT)	30	8	2@180°	5°	BAS5-PLED-IV-CL-100LED-1050mA-40K	85764	673.8	PPA @ 3'AG	79	96	56	1.7
		Vertical @ 6'AG			53		56			45	1.2			
		120'x120' (2-CT)		12	2x2@180° (Interior)	5°	BAS5-PLED-IV-CL-100LED-1050mA-40K	171528	1347.6	PPA @ 3'AG	76	91	54	1.7
	2@180° (Perimeter)	5°	BAS5-PLED-IV-CL-100LED-1050mA-40K		85764	673.8	Vertical @ 6'AG	53	56	43	1.3			
	#2 (Perpendicular <sup>2</sup> )	60'x120' (1-CT)	N/A (Parallel Option Only Available)	N/A	N/A	N/A	N/A	N/A	N/A	PPA @ 3'AG	N/A			
		Vertical @ 6'AG								N/A				
PPA @ 3'AG		N/A												
		120'x120' (2-CT)							Vertical @ 6'AG	N/A				

Notes: <sup>1</sup>**Parallel Luminaire Arrangement Option:** Luminaire Orientations run Parallel to the Sidelines, not overhanging the court(s). Typical Mounting Arrangement is **2@180°**. **2x2@180°** option available if required to reach recommended Footcandle levels. All Parallel Luminaire Arrangement Options require rotated PLED optics (FRO-L / FRO-R) in the direction of the courts (Not Applicable for VSQ-N & VSQ-M). Pivot Tilt (0 - 5°) option coincides with Parallel Luminaire Arrangement Option & rotated PLED optics (field adjustable, no special order or parts required). **Luminaire Symbol with Arrow:** Indicates rotated PLED optics (FRO-L / FRO-R) + the direction of PLED distribution and Pivot Tilt (if applicable).

<sup>2</sup>**Perpendicular Luminaire Arrangement Option:** Luminaire Orientations run Perpendicular to the Sidelines, overhanging the court(s). Typical Mounting Arrangements are **1 - Single & 2@180°**. **3@90° & 4@90°** options available if required to reach recommended Footcandle levels. Pivot Tilt (0 - 5°) option not recommended with Parallel Luminaire Arrangement Option. Rotated PLED optics typically not required.



#1 - Parallel

