



Date: September 1, 2022

To: Banner Channel Partners

From: Steve Milbrath, Product Life Cycle Director
Robb Weidemann, VP Product Development – Lighting and Connectivity

Re: Discontinuation Notice – Specific TL50 DC Core Tower Lights

Banner Engineering is issuing notification regarding the obsolescence of specific models from the TL50 DC family (product code 60.1411) known as TL50 Core. We are obsoleting these models due to low sales volume, component sourcing difficulties, and to improve the delivery of remaining models.

Affected models are listed in the appendices below.

Appendix 2A includes TL50 Core models with existing orders. These orders will be fulfilled, and channel partners will have the option to increase the order quantity until September 30, 2022 - contact customer service to do that.

Appendix 2B includes models with no open orders that will be inactivated immediately. All models are paired with a general replacement recommendation.

Further technical details are in **Appendix 1** and specific model crosses can be reviewed with the Applications team.

Inactivated models can be selectively replaced by other models in the TL50 Core, TL50 Pro Select, TL50 Pro, TL30, and TL70 families. Technical considerations include color position, wiring, segment type, housing color and audible alarm type. Further technical details, including instructions to convert a TL50 Pro Select model into an inactivated TL50 Core model using the Pro ID software utility in the Pro Editor software are included in Appendix 1.

The broad TL50 offering will continue as an important part of the Banner lineup. The TL50 Pro Select family is key to satisfying customer demand for unique color combinations and should be your go-to for configurable tower lights. The original TL50 Pro family has unique capabilities for more specific needs.

Contact your Banner distribution manager or application support team for any questions and please ensure all your sales teams are aware of this product notice.

Thank You!

Banner Engineering Corporation

9714 Tenth Avenue North • Minneapolis, MN 55441 • Phone 763.544.3164 • Fax 763.544.3213 • www.bannerengineering.com



APPENDIX 1 – Technical Considerations

For specification details and quick links to each tower light family, check out the online [comparison table](#). The tables below will help you work with your customers to transition inactivated models to others. The Applications team is available to review individual model update needs.

TABLE 1: TL50 Model Construction for Reference

FAMILY	SEGMENT TYPE	COLORS*	ALARM	HOUSING	CONNECTION
TL50	Blank = Standard	G = Green	A = Standard	Blank = Black	Blank = 2m cable
	C = Compact	Y = Yellow	ALS# = Sealed Directional	C = Gray	Q = Integral M12
	BL = Beacon	R = Red	AOS# = Sealed Omnidirectional		QP = 150mm M12 pigtail
	H = High Intensity	B = Blue	AOSI# = Sealed Omnidirectional Adjustable		
		W = White			
		O = Orange			
		T = Turquoise			
		V = Violet			
		S = Sky Blue			
		M = Magenta			

* Letters corresponding to colored segments build from the base to the top. For example, TL50GYR has a green segment next to the base, a yellow segment in the middle, and a red segment on top.

TABLE 2: General Replacement Recommendations

REPLACEMENT	IF YOU HAVE
TL50 Pro Select	3- and 4-segment device with or without audible Nonstandard colors Colors in unique segment combinations
TL50 Pro	1-, 2-, and +5-segment with or without audible Compact window models Other audible types IP67 requirement
TL50 Pro Beacon	TL50BL Beacon model



TABLE 3: TL50 Pro Select vs. TL50 Pro

	TL50 Pro Select	TL50 Pro
<i>Segments</i>	3 and 4	1 – 10
<i>Beacon Segments</i>	No	Yes
<i>Compact Segments</i>	No	Yes
<i>Housing</i>	Black	Black and Cool Gray
<i>Audible Alarm</i>	Omnidirectional	Multiple
<i>IO-Link</i>	Yes	Yes
<i>Discrete + Pro Editor</i>	Yes	Yes
<i>PRO ID</i>	Yes	No

PRO ID is a function in the Pro Editor software that allows a user to input the model of their standard TL50 and then write the corresponding configuration to a TL50 Pro Select model. The TL50 Pro Select is available in 3- and 4-segment models with optional omnidirectional audible alarm and should be your go-to for configurable tower lights. Details on using the PRO ID feature are [here](#).



APPENDIX 2A – Affected Models with Open Orders – Last Time Buy and Build

MODEL	PART	REPLACEMENT
TL50BLWRYGQ	802796	TL50 Pro Beacon
TL50BYGRALS3Q	87378	TL50 Pro Select
TL50BLGY2R1AOS3	803371	TL50 Pro Beacon
TL50BLGY1R2A	93757	TL50 Pro Beacon
TL50RGYWQ	18322	TL50 Pro Select
TL50BRGAQ	27445	TL50 Pro Select
TL50YGRAQ	10806	TL50 Pro Select
TL50HBAOS4Q	92262	TL50 Pro
TL50GYRSQ	93137	TL50 Pro Select
TL50BLB1AOSQ	801829	TL50 Pro Beacon
TL50GROQ	804168	TL50 Pro Select
TL50RYGBALSQ	95252	TL50 Pro Select
TL50BLG1Y1R1AOS	803854	TL50 Pro Beacon
TL50BRYGAOSQ	85957	TL50 Pro Select
TL50BLGYR1ALS4	85270	TL50 Pro Beacon
TL50CGRAOS3Q	91372	TL50 Pro
TL50BLYALS	84550	TL50 Pro Beacon
TL50HBGYRAOS4	84655	TL50 Pro Select
TL50GYBRAOSIQ	95282	TL50 Pro Select
TL50WBGQ	803992	TL50 Pro Select
TL50BLY1AOS3IQ	805764	TL50 Pro Beacon
TL50GORBAKQ	805134	TL50 Pro Select
TL50GRBYQ	12925	TL50 Pro Select
TL50AQP	11375	Audible
TL50HBQP	60799	TL50 Pro
TL50BGRALSQ	94718	TL50 Pro Select
TL50BLGYBR1AOSIQ	800284	TL50 Pro Beacon
TL50HGYRBALSQ	29727	TL50 Pro Select
TL50HBYRAOSQ	800391	TL50 Pro Select
TL50BLGYR2	93220	TL50 Pro Beacon
TL50HWGYRALS	29162	TL50 Pro Select
TL50BLGY1R1AOS3IQ	93873	TL50 Pro Beacon
TL50HGRQP	14605	TL50 Pro
TL50HGRALS3Q	85607	TL50 Pro
TL50BLGGQ	87234	TL50 Pro Beacon
TL50YBGQ	804384	TL50 Pro Select
TL50RB	13110	TL50 Pro
TL50CGYRBWQ	95639	TL50 Pro

Banner Engineering Corporation

9714 Tenth Avenue North • Minneapolis, MN 55441 • Phone 763.544.3164 • Fax 763.544.3213 • www.bannerengineering.com



TL50BLG2Y2R2AOS3Q	87164	TL50 Pro Beacon
TL50YAOSIQ	91268	TL50 Pro
TL50BLRYGAOSI	806441	TL50 Pro Beacon
TL50GYR6PQPMA	10838	TL50 Pro Select
TL50RYGB	10641	TL50 Pro Select
TL50CGYRALSQ	91353	TL50 Pro
TL50WBGRQ	10298	TL50 Pro Select
TL50BLGY2R1AOSIQP	91461	TL50 Pro Beacon
TL50BLB2R2	94040	TL50 Pro Beacon
TL50BGRKQ	801284	TL50 Pro Select
TL50HWBQ	19732	TL50 Pro
TL50BGYALSQ	26987	TL50 Pro Select
TL50HGWRWQ	19765	TL50 Pro Select
TL50BLGRAOS3Q	74878	TL50 Pro Beacon
TL50RAQP	83227	TL50 Pro
TL50BGYRAOS	73518	TL50 Pro Select
TL50HWQP	95304	TL50 Pro
TL50HGRBYALSCQ	87229	TL50 Pro Select
TL50BLG1Y2RALS3	800373	TL50 Pro Beacon
TL50BLR2W2B2AOS4Q	805951	TL50 Pro Beacon
TL50YGRALS	25650	TL50 Pro Select
TL50HGRYAOSQ	85927	TL50 Pro Select
TL50ROGORA	802865	TL50 Pro
TL50RBYGQ	12529	TL50 Pro Select
TL50BLGR2CQ	84780	TL50 Pro Beacon
TL50WGBRAQ	803716	TL50 Pro Select
TL50GYRWBQ	26153	TL50 Pro
TL50HYALSQ	19476	TL50 Pro
TL50SGORACQ	801441	TL50 Pro Select
TL50WBRAQ	11053	TL50 Pro Select
TL50GWQP	11812	TL50 Pro
TL50GBYQ	14637	TL50 Pro Select
TL50BLY1AOSQ	88677	TL50 Pro Beacon
TL50ROGAOS3IC	806502	TL50 Pro Select
TL50HRALS4Q	93867	TL50 Pro
TL50BALS3Q	802572	TL50 Pro
TL50BLGGGQ	93798	TL50 Pro Beacon
TL50GRYWQ	97849	TL50 Pro Select
TL50ALSQP	16986	Audible
TL50BYGRAKQ	806607	TL50 Pro Select
TL50WGRAOSIKQ	801472	TL50 Pro Select

Banner Engineering Corporation

9714 Tenth Avenue North • Minneapolis, MN 55441 • Phone 763.544.3164 • Fax 763.544.3213 • www.bannerengineering.com



TL50HGYRBAOSIQ	806167	TL50 Pro Select
TL50BLGYRALS4Q	30462	TL50 Pro Beacon
TL50BLGYRB1ALSQ	806623	TL50 Pro Beacon
TL50BLGY2R1AOSQ	85749	TL50 Pro Beacon
TL50HRYGYRQ	26211	TL50 Pro
TL50HWYRAOSQ	87351	TL50 Pro Select
TL50ROGAQ	97288	TL50 Pro Select
TL50BBWQ	806007	TL50 Pro Select
TL50BLB2Q	86511	TL50 Pro Beacon
TL50BLY1CQ	97685	TL50 Pro Beacon
TL50BRGYAQ	12910	TL50 Pro Select
TL50BLG2Y2R2	92711	TL50 Pro Beacon
TL50BLGR1QP	55218	TL50 Pro Beacon
TL50YALS1QP	86004	TL50 Pro
TL50CBGYRAOS3IQ	91389	TL50 Pro
TL50CBGYRAOS3IQ	91389	TL50 Pro
TL50BLGYRAQP	19273	TL50 Pro Beacon
TL50YBORQ	92295	TL50 Pro Select
TL50RBGWYQ	13858	TL50 Pro
TL50BLGYRC	19240	TL50 Pro Beacon
TL50BYGRAQ	85936	TL50 Pro Select
TL50BLR1AOS4IQ	90598	TL50 Pro Beacon
TL50BLY2AOS4I	91843	TL50 Pro Beacon
TL50HGYBQ	27613	TL50 Pro Select
TL50HBYGWRQ	20830	TL50 Pro
TL50RRRQ	97343	TL50 Pro Select
TL50HRBGQ	87533	TL50 Pro Select
TL50HRWBAOS4Q	805962	TL50 Pro Select
TL50HRG	29628	TL50 Pro
TL50CBGYRALSQ	91354	TL50 Pro
TL50AOS3I	803289	Audible
TL50BGYRALS4Q	58708	TL50 Pro Select
TL50BWGYR	11674	TL50 Pro
TL50WGBRQ	97027	TL50 Pro Select
TL50OWRGQ	93095	TL50 Pro Select
TL50RALS1QP	33657	TL50 Pro
TL50RGYAQ	10609	TL50 Pro Select
TL50HBGYRALS3Q	85785	TL50 Pro Select
TL50WYRAQ	10621	TL50 Pro Select
TL50BLGYRB	89988	TL50 Pro Beacon
TL50WGBORQ	807051	TL50 Pro

Banner Engineering Corporation

9714 Tenth Avenue North • Minneapolis, MN 55441 • Phone 763.544.3164 • Fax 763.544.3213 • www.bannerengineering.com



TL50GYROQ	85895	TL50 Pro Select
TL50BLY1Y1Q	26497	TL50 Pro Beacon
TL50HGRYAQ	20542	TL50 Pro Select
TL50BLGY1R1ACQ	26205	TL50 Pro Beacon
TL50BLGYBQ	25330	TL50 Pro Beacon
TL50BGWRAKQ	804115	TL50 Pro Select
TL50BYRWTQ	94878	TL50 Pro
TL50BLRYG	28052	TL50 Pro Beacon
TL50HGBRAOS3Q	86995	TL50 Pro Select
TL50GBORAQ	94331	TL50 Pro Select
TL50WGORALSCQ	88483	TL50 Pro Select
TL50BGRA	10527	TL50 Pro Select
TL50RGALS3Q	86616	TL50 Pro
TL50CRAOS3IQ	91386	TL50 Pro
TL50ROGQ	93720	TL50 Pro Select
TL50CBQ	93871	TL50 Pro
TL50GQP	11587	TL50 Pro
TL50HWBYRGQ	92486	TL50 Pro
TL50RGAQ	11629	TL50 Pro Select
TL50RGAQP	19777	TL50 Pro
TL50HGYRALSQ-19400	19400	TL50 Pro Select
TL50GYWRQ	13218	TL50 Pro Select
TL50WGBYRAOSQ	802915	TL50 Pro
TL50GBWRQ	10393	TL50 Pro Select

APPENDIX 2B – Models for Immediate Inactivation

MODEL	PART	REPLACEMENT
TL50BLGYRBAOSQ	801889	TL50 Pro Beacon
TL50HBGYRAOS4IQ	91213	TL50 Pro Select
TL50HWRYGQ	17470	TL50 Pro Select
TL50BLBY2AOS4Q	804745	TL50 Pro Beacon
TL50HWYBRACQ	94062	TL50 Pro Select
TL50BLGYRALSC	19210	TL50 Pro Beacon
TL50CRAOS4IQ	91391	TL50 Pro
TL50BLW2Y1G1R1	88424	TL50 Pro Beacon
TL50BLGYRBALSCQ	26717	TL50 Pro Beacon
TL50BYKQ	803503	TL50 Pro
TL50BLB1ALS4Q	87526	TL50 Pro Beacon
TL50HBRAOSIQ	93423	TL50 Pro

Banner Engineering Corporation

9714 Tenth Avenue North • Minneapolis, MN 55441 • Phone 763.544.3164 • Fax 763.544.3213 • www.bannerengineering.com



TL50BLWWWC	87522	TL50 Pro Beacon
TL50BLBRAQ	93068	TL50 Pro Beacon
TL50BLGB1R1	97556	TL50 Pro Beacon
TL50BLGYRQP	19288	TL50 Pro Beacon
TL50BLG1Y1R1ALS	95239	TL50 Pro Beacon
TL50GWBCQ	92804	TL50 Pro Select
TL50BLB1BW	87190	TL50 Pro Beacon
TL50BLY2RAQ	804617	TL50 Pro Beacon
TL50HYWBQ	800909	TL50 Pro Select
TL50WBGYALSQ	86203	TL50 Pro Select
TL50GYRAOS3I	87937	TL50 Pro Select
TL50GBYRALS4Q	85610	TL50 Pro Select
TL50BLGY2R2ALSQ	28282	TL50 Pro Beacon
TL50BLRGBQ	801456	TL50 Pro Beacon
TL50GORBAOSQ	93756	TL50 Pro Select
TL50HGRAQP	14606	TL50 Pro
TL50BLYG1ALS3CQ	85295	TL50 Pro Beacon
TL50GRALS4	94022	TL50 Pro
TL50HBBQ	28421	TL50 Pro
TL50SQ	802100	TL50 Pro
TL50BLBGYRAOS	75343	TL50 Pro Beacon
TL50BLGY1R2AOSQP	800954	TL50 Pro Beacon
TL50HGBYRAOS	97236	TL50 Pro Select
TL50BLGW2RB2AOS4Q	805954	TL50 Pro Beacon
TL50HBYGBRQ	17714	TL50 Pro
TL50BLGY2R1AQ	30724	TL50 Pro Beacon
TL50BLBGYR	19284	TL50 Pro Beacon
TL50BLR2ALSQP	26814	TL50 Pro Beacon
TL50HGRYCQ	95101	TL50 Pro Select
TL50BLRY1CQ	807079	TL50 Pro Beacon
TL50RGR	10772	TL50 Pro Select
TL50HGRALSCQ	16620	TL50 Pro
TL50CBGRWQ	804467	TL50 Pro
TL50BLW2AOS4Q	86910	TL50 Pro Beacon
TL50HGYRALSQP-20760	20760	TL50 Pro Select
TL50RBAQ	16976	TL50 Pro
TL50BLG2Y2R2AOS3	804179	TL50 Pro Beacon
TL50HGYRAOS4IQ	93608	TL50 Pro Select
TL50BLY2AOS3	85887	TL50 Pro Beacon
TL50HBYCQ	84903	TL50 Pro
TL50BLGYR2AOS3ICQ	800905	TL50 Pro Beacon

Banner Engineering Corporation

9714 Tenth Avenue North • Minneapolis, MN 55441 • Phone 763.544.3164 • Fax 763.544.3213 • www.bannerengineering.com



TL50BROGWALSQ	800281	TL50 Pro
TL50WOYBGR	807119	TL50 Pro
TL50BLR1Y1G1Q	96077	TL50 Pro Beacon
TL50HGBRA	16846	TL50 Pro Select
TL50BYRGAQP	93629	TL50 Pro Select
TL50GBR W/16	25329	TL50 Pro Select
TL50BLW2B2G2Y2R2Q	90585	TL50 Pro Beacon
TL50BLWBGYRCQ	30403	TL50 Pro Beacon
TL50GORAOSI	93872	TL50 Pro Select
TL50WGYRBO	88407	TL50 Pro
TL50GYRAOS4IQP	88048	TL50 Pro Select
TL50BLGBRQ	86786	TL50 Pro Beacon
TL50WYB	94046	TL50 Pro Select
TL50BLY1R2AOS4	800639	TL50 Pro Beacon
TL50BOALSQ	30863	TL50 Pro
TL50CGRALSQ	91352	TL50 Pro
TL50RRRRQ	86692	TL50 Pro Select
TL50BLGY2RBQ	91517	TL50 Pro Beacon
TL50BLG2R2	805877	TL50 Pro Beacon
TL50GRALSQP	16694	TL50 Pro
TL50WBWBQ	803624	TL50 Pro Select
TL50GRYALS3Q	806190	TL50 Pro Select
TL50RAOS4IC	804071	TL50 Pro
TL50BLY1Y1Y1AOSQ	93895	TL50 Pro Beacon
TL50BLR1ALS3Q	25744	TL50 Pro Beacon
TL50ALS4Q	86408	Audible
TL50BYQP	800908	TL50 Pro
TL50HGRBAQ	16758	TL50 Pro Select
TL50WRGQ	10903	TL50 Pro Select
TL50WYBQ	25652	TL50 Pro Select
TL50RGC	94587	TL50 Pro
TL50HGYBRAOSIQ	95782	TL50 Pro Select
TL50TQ	86599	TL50 Pro
TL50BLY1R2AOS4Q	87390	TL50 Pro Beacon
TL50BLRYWBGQ	91790	TL50 Pro Beacon
TL50HWYALS	20448	TL50 Pro
TL50YRG	10540	TL50 Pro Select
TL50BLGRALS3Q	95630	TL50 Pro Beacon
TL50HGYBRQ	18911	TL50 Pro Select
TL50VQ	93116	TL50 Pro
TL50YRCQ	18982	TL50 Pro

Banner Engineering Corporation

9714 Tenth Avenue North • Minneapolis, MN 55441 • Phone 763.544.3164 • Fax 763.544.3213 • www.bannerengineering.com



TL50RAOS4IQ	800887	TL50 Pro
TL50BLRGW1B2AOS4IC	803565	TL50 Pro Beacon
TL50YMSOQPMK-96029	96029	Kit
TL50BLGR2AOS4Q	88547	TL50 Pro Beacon
TL50BLG2YWCQ	805825	TL50 Pro Beacon
TL50BLR2YGQ	39277	TL50 Pro Beacon
TL50RTGALSQ	26224	TL50 Pro Select
TL50BLRB	88512	TL50 Pro Beacon
TL50WGYRQP	52967	TL50 Pro Select
TL50HBYGQ	88385	TL50 Pro Select
TL50ALS3QP	90612	Audible
TL50GOBAQ	801601	TL50 Pro Select
TL50OAOS3IQ	804629	TL50 Pro
TL50HYR	26257	TL50 Pro
TL50RBGCQ	84951	TL50 Pro Select
TL50HWPBYR	16609	TL50 Pro
TL50BLGW2R2AOSICQ	805017	TL50 Pro Beacon
TL50BLBGRAOS4Q	805790	TL50 Pro Beacon
TL50BLRYGB2	26719	TL50 Pro Beacon
TL50BLG2Y2R2ALS3Q	87152	TL50 Pro Beacon
TL50BLGYR2ALSQ	28672	TL50 Pro Beacon
TL50HWBYGRQ	800282	TL50 Pro
TL50HGBYW	17951	TL50 Pro Select
TL50BLGW2RAOS4Q	805953	TL50 Pro Beacon
TL50CVOMBYGRQ	801507	TL50 Pro
TL50BLR2Y2AOS3	94970	TL50 Pro Beacon
TL50BLGYR2ACQ	95778	TL50 Pro Beacon
TL50BLGYRAOSI	802325	TL50 Pro Beacon
TL50HWRAOS	88636	TL50 Pro
TL50WGRYAOS3IQ	803318	TL50 Pro Select
TL50RYGAOS3Q	805883	TL50 Pro Select
TL50CGYRAOSICQ	803385	TL50 Pro
TL50BLGY2R2ALS3Q	803417	TL50 Pro Beacon
TL50BLRAOS3Q	74836	TL50 Pro Beacon
TL50BLBG1YRAOSQ	806508	TL50 Pro Beacon
TL50BLG2Y2R2Q	31260	TL50 Pro Beacon
TL50BLR1R1R1Q	801727	TL50 Pro Beacon
TL50GYRAOS4	84642	TL50 Pro Select
TL50BLGYR2AOS	95991	TL50 Pro Beacon
TL50BLY2AOS4IQ	92197	TL50 Pro Beacon
TL50HGBYRAOSCQ	85549	TL50 Pro Select

Banner Engineering Corporation

9714 Tenth Avenue North • Minneapolis, MN 55441 • Phone 763.544.3164 • Fax 763.544.3213 • www.bannerengineering.com



TL50CWBGYRQ	91345	TL50 Pro
TL50BLR2AOS4	88484	TL50 Pro Beacon
TL50RGBCQ	52331	TL50 Pro Select
TL50GYRALS3C	30834	TL50 Pro Select
TL50GRAOS4IQ	97111	TL50 Pro
TL50BYGR	84754	TL50 Pro Select
TL50GWRAQ	10699	TL50 Pro Select
TL50YBALS3Q	90619	TL50 Pro
TL50GBRALSQ	88364	TL50 Pro Select
TL50BLG2CQ	85301	TL50 Pro Beacon
TL50BLW1Y2Q	88174	TL50 Pro Beacon
TL50BLY2R2QP	801981	TL50 Pro Beacon
TL50GBAQ	803361	TL50 Pro
TL50WYGRAQ	26076	TL50 Pro Select
TL50RYGBAOSI	96243	TL50 Pro Select
TL50HBAQ	28544	TL50 Pro
TL50BGRQP	18947	TL50 Pro Select
TL50RGRQ	95035	TL50 Pro Select
TL50BLW2Q	87427	TL50 Pro Beacon
TL50GRAOS4Q	84637	TL50 Pro
TL50BLY1R1AOS3	91643	TL50 Pro Beacon
TL50BLWR1AOSC	800950	TL50 Pro Beacon
TL50HYAOSQ	85891	TL50 Pro
TL50YYYQ	12313	TL50 Pro Select
TL50WBRQ	54648	TL50 Pro Select
TL50BLG1	85302	TL50 Pro Beacon
TL50WROQ	801523	TL50 Pro Select
TL50BLG2Y2R2ALS3CQ	807108	TL50 Pro Beacon
TL50BOGRQ	801991	TL50 Pro Select
TL50RGYBQ	26607	TL50 Pro Select
TL50HRGWQ	27591	TL50 Pro Select
TL50GRALS3	83857	TL50 Pro
TL50WBGYRC	15139	TL50 Pro
TL50BLRYBACQ	803936	TL50 Pro Beacon
TL50HGRAOSC	77943	TL50 Pro
TL50BLY1ALSQ	28459	TL50 Pro Beacon
TL50BLY2R2	43016	TL50 Pro Beacon
TL50RYAOS3IQ	801392	TL50 Pro
TL50BLGALS4Q	88367	TL50 Pro Beacon
TL50BLY1R1	91267	TL50 Pro Beacon
TL50WYRGQ	14544	TL50 Pro Select

Banner Engineering Corporation

9714 Tenth Avenue North • Minneapolis, MN 55441 • Phone 763.544.3164 • Fax 763.544.3213 • www.bannerengineering.com



TL50HRAOS3C	77427	TL50 Pro
TL50BGYRCQP	15147	TL50 Pro Select
TL50GGYRQ	28971	TL50 Pro Select
TL50R2N	14378	TL50 Pro
TL50WTYGBRAQ	801021	TL50 Pro
TL50BLBGY1R2AOS4Q	85734	TL50 Pro Beacon
TL50BLGYB2R2AOS3IQ	803292	TL50 Pro Beacon
TL50AOSIKQ	801287	Audible
TL50BLBGYRAQP	19274	TL50 Pro Beacon
TL50BLGY2R1AOS4IQ	91129	TL50 Pro Beacon
TL50BLGYRAOS3ICQ	801725	TL50 Pro Beacon
TL50HRYGBAOSIQ	800778	TL50 Pro Select
TL50BLYGBQ	26202	TL50 Pro Beacon
TL50HBRYGALSQ	18499	TL50 Pro Select
TL50GBROWYAKQ	806208	TL50 Pro
TL50GORAOSIQ	92302	TL50 Pro Select
TL50HGRAC	15075	TL50 Pro
TL50BLRAOS3IQ	97771	TL50 Pro Beacon
TL50BLY2YY1CQ	803806	TL50 Pro Beacon
TL50BLY1Y1CQ	26498	TL50 Pro Beacon
TL50BLRGYQ	26287	TL50 Pro Beacon
TL50BLGRALSCQ	19201	TL50 Pro Beacon
TL50HGYRC	15076	TL50 Pro Select
TL50GWMALSQ	85670	TL50 Pro Select
TL50WGBYAQ	94532	TL50 Pro Select
TL50HRALSC	16623	TL50 Pro
TL50WGyraOSQ	88171	TL50 Pro Select
TL50BLWYRQ	802386	TL50 Pro Beacon
TL50BLR1AOSIQ	94537	TL50 Pro Beacon
TL50HBGYQ	86240	TL50 Pro Select
TL50GYRRQ	20782	TL50 Pro Select
TL50HBALSCQ	26539	TL50 Pro
TL50RALS4	97203	TL50 Pro
TL50RYAOSQ	801668	TL50 Pro
TL50BLY2Y1Q	26739	TL50 Pro Beacon
TL50BLG2YR1Q	26311	TL50 Pro Beacon
TL50BLR1AOS4QP	93128	TL50 Pro Beacon
TL50TMSOQP-26131	26131	Kit
TL50GYRALSCQP	16653	TL50 Pro Select
TL50BLB1	86630	TL50 Pro Beacon
TL50BLY1C	93694	TL50 Pro Beacon

Banner Engineering Corporation

9714 Tenth Avenue North • Minneapolis, MN 55441 • Phone 763.544.3164 • Fax 763.544.3213 • www.bannerengineering.com



TL50GYRBAOS3Q	97078	TL50 Pro Select
TL50BWAQ	10576	TL50 Pro
TL50BLGR2AOSQ	92292	TL50 Pro Beacon
TL50BLBY2ALS4CQ	804193	TL50 Pro Beacon
TL50RGWQ	25766	TL50 Pro Select
TL50BLBR	86394	TL50 Pro Beacon
TL50HYRAOS3Q	97693	TL50 Pro
TL50BLGR1ALSQ	19963	TL50 Pro Beacon
TL50GRAOS3QP	72949	TL50 Pro
TL50HGALS3	97038	TL50 Pro
TL50GWBYCQ8	805605	TL50 Pro Select
TL50GRAOSIQ	804690	TL50 Pro
TL50BLYGR1AC	93371	TL50 Pro Beacon
TL50GWYBRQ	800650	TL50 Pro
TL50HYCQ	19673	TL50 Pro
TL50WWWWQ	18985	TL50 Pro Select
TL50GOALSQ	88474	TL50 Pro
TL50BGRCQ	803543	TL50 Pro Select
TL50RYGBWOA	92126	TL50 Pro
TL50BLYGBR1ALS3Q	97199	TL50 Pro Beacon
TL50RYGKQ	803121	TL50 Pro Select
TL50BLY1Y1Y1Q	92893	TL50 Pro Beacon
TL50GWBRQP	25907	TL50 Pro Select
TL50GYRAOSC	76765	TL50 Pro Select
TL50VWGBRQ	807173	TL50 Pro
TL50BWGYRQ	18375	TL50 Pro
TL50RAOS4Q	84636	TL50 Pro
TL50BLG1R2Q	86515	TL50 Pro Beacon
TL50OVAOS	803416	TL50 Pro
TL50YRAOSIQ	97152	TL50 Pro
TL50BLY2B2	91778	TL50 Pro Beacon
TL50VALS3Q	90700	TL50 Pro
TL50GRAC	15126	TL50 Pro
TL50BLR1ALS3	85599	TL50 Pro Beacon
TL50YGQP	19756	TL50 Pro
TL50HW	94140	TL50 Pro
TL50BLGRQP	19286	TL50 Pro Beacon
TL50HBGYRAOSCQ	77941	TL50 Pro Select
TL50BLRYBGAOS4IQ	805070	TL50 Pro Beacon
TL50BLGBR2AOSIQ	806243	TL50 Pro Beacon
TL50BLR2Y2G2AOSIQ	93327	TL50 Pro Beacon

Banner Engineering Corporation

9714 Tenth Avenue North • Minneapolis, MN 55441 • Phone 763.544.3164 • Fax 763.544.3213 • www.bannerengineering.com



TL50BLGYRAOS3	75037	TL50 Pro Beacon
TL50BLGBY1R2Q	94152	TL50 Pro Beacon
TL50BLG1Y1R1B1Q	25841	TL50 Pro Beacon
TL50BLBGYRQP	19292	TL50 Pro Beacon
TL50BLRGYAQ	37891	TL50 Pro Beacon
TL50BLB2G2Y2R2Q	87480	TL50 Pro Beacon
TL50GBYRALS4	97172	TL50 Pro Select
TL50BYGRA	18096	TL50 Pro Select
TL50WBGYRTAOSIKQ	801297	TL50 Pro
TL50HGRYALS3Q	86717	TL50 Pro Select
TL50BLYGAQ	92970	TL50 Pro Beacon
TL50WBYGRQ	806472	TL50 Pro
TL50BLRYGBA	806204	TL50 Pro Beacon
TL50BLY2RGQ	805031	TL50 Pro Beacon
TL50HGYRBAOS4Q	85952	TL50 Pro Select
TL50HYYYAOS3	87422	TL50 Pro Select
TL50HGRAOS4	84653	TL50 Pro
TL50BLR2Y2G1B2	91423	TL50 Pro Beacon
TL50BLYRACQ	85517	TL50 Pro Beacon
TL50GYBWRQ	26483	TL50 Pro
TL50GGGRAQ	10676	TL50 Pro Select
TL50RYWGBALS	88284	TL50 Pro
TL50BWGRYQ	20562	TL50 Pro
TL50GYALSQ	19884	TL50 Pro
TL50GYORALSQ	800443	TL50 Pro Select
TL50BLGYRAOS4CQ	84698	TL50 Pro Beacon
TL50RGYBAQ	13878	TL50 Pro Select
TL50YYYYQ	11972	TL50 Pro Select
TL50RYGACQ	87255	TL50 Pro Select
TL50BLB2B2	93772	TL50 Pro Beacon
TL50YWGRQ	800847	TL50 Pro Select
TL50BLBYGALSQ	34107	TL50 Pro Beacon
TL50BLY1A	85283	TL50 Pro Beacon
TL50RBALSQ	31306	TL50 Pro
TL50BLGRA	19266	TL50 Pro Beacon
TL50GYRBWTOKQ	803870	TL50 Pro
TL50HRGAOSQ	87445	TL50 Pro
TL50CGYRAOS3Q	91373	TL50 Pro
TL50HYG	92170	TL50 Pro
TL50HGYBALSQ	801747	TL50 Pro Select
TL50CYAQ	803729	TL50 Pro

Banner Engineering Corporation

9714 Tenth Avenue North • Minneapolis, MN 55441 • Phone 763.544.3164 • Fax 763.544.3213 • www.bannerengineering.com



TL50WBGYRQP	83234	TL50 Pro
TL50RALS3	84899	TL50 Pro
TL50WWWQ	93304	TL50 Pro Select
TL50BLG1Q	93690	TL50 Pro Beacon
TL50GWBQ	94817	TL50 Pro Select
TL50GYOR	87233	TL50 Pro Select
TL50RYGBAOSIQ	801457	TL50 Pro Select
TL50BLGRY1Q	88651	TL50 Pro Beacon
TL50BLG2	90574	TL50 Pro Beacon
TL50WYBRA	801346	TL50 Pro Select
TL50BLGR2ALS4Q	84944	TL50 Pro Beacon
TL50HGRAOS3I	95810	TL50 Pro
TL50BLGY	25771	TL50 Pro Beacon
TL50BY	11854	TL50 Pro
TL50YB	19410	TL50 Pro
TL50WYBRGQ	807086	TL50 Pro
TL50AOS4QP	93692	Audible
TL50BLR1QP	805861	TL50 Pro Beacon
TL50GYRG	93556	TL50 Pro Select
TL50WORALS3	806554	TL50 Pro Select
TL50YBALSQ	801415	TL50 Pro
TL50BRAQ	11593	TL50 Pro
TL50WQP	13449	TL50 Pro
TL50BLG2R2AOS3Q	88388	TL50 Pro Beacon
TL50HWBGYRQP	16611	TL50 Pro
TL50KITFLOW1	94710	Kit
TL50BLGY1R2ALSQ	20161	TL50 Pro Beacon
TL50BLW1B1G1Y1R1CQ	95150	TL50 Pro Beacon
TL50CWBGYRAOSIQ	91385	TL50 Pro
TL50VYBGRAQ	807054	TL50 Pro
TL50BLBGYRALS	19254	TL50 Pro Beacon
TL50WGRYBALS	94815	TL50 Pro
TL50BLG2Y2R2B2CQ	25614	TL50 Pro Beacon
TL50HWGYRAQ	25774	TL50 Pro Select
TL50BLBYRQ	91656	TL50 Pro Beacon
TL50BLGY2R2	93763	TL50 Pro Beacon
TL50GYRAOS3IKQP	805693	TL50 Pro Select
TL50WBYRAQ	30417	TL50 Pro Select
TL50HRGBQ	805934	TL50 Pro Select
TL50HYRAOSQ	801956	TL50 Pro
TL50GRAOS4	84641	TL50 Pro

Banner Engineering Corporation

9714 Tenth Avenue North • Minneapolis, MN 55441 • Phone 763.544.3164 • Fax 763.544.3213 • www.bannerengineering.com



TL50HRYAQP	804022	TL50 Pro
TL50RRRAQ	16195	TL50 Pro Select
TL50BLR2AOSIQ	803040	TL50 Pro Beacon
TL50HBYRCQ	93768	TL50 Pro Select
TL50HRYG	29633	TL50 Pro Select
TL50BLR2AQ	26152	TL50 Pro Beacon
TL50OWQ	43783	TL50 Pro
TL50RGQ-804120	804120	TL50 Pro
TL50BLRCQ	19234	TL50 Pro Beacon
TL50ALSCQP	16993	Audible
TL50BRGWYQ	10817	TL50 Pro
TL50BLGYR2AOS3	96054	TL50 Pro Beacon
TL50BLGBY2R1ALSQ	90993	TL50 Pro Beacon
TL50CBGYRALS	806384	TL50 Pro
TL50BLRYWBALSCQ	88554	TL50 Pro Beacon
TL50HGRYBW	31377	TL50 Pro
TL50WOBYROB	802901	TL50 Pro
TL50GBRYA	26725	TL50 Pro Select
TL50BLGYR1AOS4IQP	92136	TL50 Pro Beacon
TL50BLG2YR1A	25925	TL50 Pro Beacon
TL50BLBGRY	25341	TL50 Pro Beacon
TL50BLYRYGQ	802916	TL50 Pro Beacon
TL50GRYBAOS4IQ	93364	TL50 Pro Select
TL50HGBYALSQ	85565	TL50 Pro Select
TL50HGBRAOSQ	91685	TL50 Pro Select
TL50HGYRAQP	14608	TL50 Pro Select
TL50HGBYRALS	16671	TL50 Pro Select
TL50GYRAOS3C	75700	TL50 Pro Select
TL50RYGRRQ	800535	TL50 Pro
TL50BOGRA W/16	96220	TL50 Pro Select
TL50BLR1R1R1R1Q	53466	TL50 Pro Beacon
TL50BLGY2R1ALSCQ	29102	TL50 Pro Beacon
TL50BLGR2AOS4	92089	TL50 Pro Beacon
TL50BLY1R1AOS4QP	91145	TL50 Pro Beacon
TL50BLGYR2ALS3Q	25745	TL50 Pro Beacon
TL50BLGB1RQ	91796	TL50 Pro Beacon
TL50GGGGGQ	91246	TL50 Pro
TL50GGGYRQ	17499	TL50 Pro
TL50CGRAOS3I	96058	TL50 Pro
TL50BLGY1R	85805	TL50 Pro Beacon
TL50BLRY1G	34028	TL50 Pro Beacon

Banner Engineering Corporation

9714 Tenth Avenue North • Minneapolis, MN 55441 • Phone 763.544.3164 • Fax 763.544.3213 • www.bannerengineering.com



TL50BLYRGQ	29635	TL50 Pro Beacon
TL50GYRAOS4I	88042	TL50 Pro Select
TL50CGYRBALS3	94403	TL50 Pro
TL50BLY2R2AOS3Q	94861	TL50 Pro Beacon
TL50BLY2R2AQP	26995	TL50 Pro Beacon
TL50BLWY2AOSIQ	803002	TL50 Pro Beacon
TL50GYRW	85803	TL50 Pro Select
TL50WGYRBQ	88490	TL50 Pro
TL50YRALSCQ	17635	TL50 Pro
TL50GRAOS3	72578	TL50 Pro
TL50RGAOS3IQ	92180	TL50 Pro
TL50BGRY	87476	TL50 Pro Select
TL50BLY1AOS4Q	91759	TL50 Pro Beacon
TL50HGYBR	800449	TL50 Pro Select
TL50BLR2ALS4Q	85508	TL50 Pro Beacon
TL50BLWBGR1Y1Q	86698	TL50 Pro Beacon
TL50BLY2RC	85596	TL50 Pro Beacon
TL50HYW	44720	TL50 Pro
TL50BLGYRAOS4IQ	88110	TL50 Pro Beacon
TL50BLYAOS	805203	TL50 Pro Beacon
TL50BLY1R1Q	803131	TL50 Pro Beacon
TL50BLGYRB2	91765	TL50 Pro Beacon
TL50BLGYBR1QP	800291	TL50 Pro Beacon
TL50CRALSCQ	97560	TL50 Pro
TL50BLYY	805887	TL50 Pro Beacon
TL50OALSQ	93200	TL50 Pro
TL50RWGQ	28541	TL50 Pro Select
TL50BLB1C	91650	TL50 Pro Beacon
TL50BLR1ACQ	26623	TL50 Pro Beacon
TL50BGYRWQ	20080	TL50 Pro
TL50RALS4Q	87203	TL50 Pro
TL50BMQ	32104	TL50 Pro
TL50CGRYALSCQ	93774	TL50 Pro
TL50RACQ	15113	TL50 Pro
TL50GALSQ	96513	TL50 Pro
TL50OOQ	806169	TL50 Pro
TL50HRAOS3I	93071	TL50 Pro
TL50BMYRAQ	807212	TL50 Pro Select
TL50RYOGQ	95048	TL50 Pro Select
TL50BLG2Q	25839	TL50 Pro Beacon
TL50YBQP	17461	TL50 Pro

Banner Engineering Corporation

9714 Tenth Avenue North • Minneapolis, MN 55441 • Phone 763.544.3164 • Fax 763.544.3213 • www.bannerengineering.com



TL50WYCQ8	805601	TL50 Pro
TL50RGQP	16746	TL50 Pro
TL50RWGBALSKQ	803773	TL50 Pro Select
TL50HGYRBAOSQ	85331	TL50 Pro Select
TL50OMBGYRQP	90596	TL50 Pro
TL50BLGGGGRQ	52276	TL50 Pro Beacon
TL50BLR1B1R1B1R1Q	93642	TL50 Pro Beacon
TL50HGYRAOS4	84654	TL50 Pro Select
TL50BLGR2YAOS4Q	806302	TL50 Pro Beacon
TL50BLY1RGAOSQ	85882	TL50 Pro Beacon
TL50BLGY1R1AOS4IQ	91130	TL50 Pro Beacon
TL50BLB1GY1R2	96457	TL50 Pro Beacon
TL50BLB2B2B2W2Q	97060	TL50 Pro Beacon
TL50RRRRRRR	803045	TL50 Pro
TL50GOBRQ	803103	TL50 Pro Select
TL50BLGY2R2ALS4Q	86233	TL50 Pro Beacon
TL50BLWYR2ALS3Q	86328	TL50 Pro Beacon
TL50BLGY2R1ACQ	29097	TL50 Pro Beacon
TL50HGYRAOS4I	93403	TL50 Pro Select
TL50HWWWWWQ	93940	TL50 Pro
TL50BLGY2R1AOS3Q	85566	TL50 Pro Beacon
TL50CWGRYBC	806141	TL50 Pro
TL50RBYGAOSQP	801920	TL50 Pro Select
TL50HGYRALS3	30816	TL50 Pro Select
TL50RBWOYQ	93834	TL50 Pro
TL50WBGYRAOS3Q	97061	TL50 Pro
ILHGYR-K50-5X3S-H1151	770056 5	-
TL50BLRYGACQP	804680	TL50 Pro Beacon
TL50BLGR1ALSCQ	25556	TL50 Pro Beacon
TL50BWYRAQP	25560	TL50 Pro Select
TL50SGORAC	92145	TL50 Pro Select
TL50VOBAOS4Q	86259	TL50 Pro Select
TL50GBORAOS4	97065	TL50 Pro Select
TL50HYRBALSQ	19567	TL50 Pro Select
TL50WBYPGQ	31396	TL50 Pro
TL50CWRGBQ	801856	TL50 Pro
TL50BLB2AOS4QP	92715	TL50 Pro Beacon
TL50BLR2AOS4IQ	95131	TL50 Pro Beacon
TL50BRAKQ	804224	TL50 Pro
TL50BLR2R1Q	95060	TL50 Pro Beacon

Banner Engineering Corporation

9714 Tenth Avenue North • Minneapolis, MN 55441 • Phone 763.544.3164 • Fax 763.544.3213 • www.bannerengineering.com



TL50HBYR	26315	TL50 Pro Select
TL50HGRBACQ	19531	TL50 Pro Select
TL50RYBAQ	26608	TL50 Pro Select
TL50HGRAOSI	805081	TL50 Pro
TL50YGRALSQ	93702	TL50 Pro Select
TL50BLWYALSQ	85358	TL50 Pro Beacon
TL50BLBGYRACQ	19223	TL50 Pro Beacon
TL50BLY2A	85123	TL50 Pro Beacon
TL50ZRYB	93073	TL50 Pro Select
TL50BLB2W2C	91243	TL50 Pro Beacon
TL50BLRGC	804634	TL50 Pro Beacon
TL50CGRAOSIQ	91382	TL50 Pro
TL50HWYR	92910	TL50 Pro Select
TL50GYRCQP	15145	TL50 Pro Select
TL50MVTOWQ	807106	TL50 Pro
TL50BLR2Y2Q	803436	TL50 Pro Beacon
TL50BBBBQ	26764	TL50 Pro Select
TL50BLY1ALS4Q	85529	TL50 Pro Beacon
TL50WBGYQ	87455	TL50 Pro Select
TL50RAOSC	76599	TL50 Pro
TL50YACQ	17524	TL50 Pro
TL50WRAQ	16953	TL50 Pro
TL50WGAQ	18484	TL50 Pro
TL50YWRQ	10657	TL50 Pro Select
TL50BLGRALS4Q	86519	TL50 Pro Beacon
TL50BBQ	10318	TL50 Pro
TL50Y W/10	16600	TL50 Pro
TL50YALS4Q	97278	TL50 Pro
TL50ALSQ8-85355	85355	Audible
TL50BLG1YR2Q	27977	TL50 Pro Beacon
TL50BLBGYRAOS4QP	84671	TL50 Pro Beacon
TL50ROGORQ	804759	TL50 Pro
TL50BLYBYQ	92140	TL50 Pro Beacon
TL50HRGYBW	93869	TL50 Pro
TL50BRGYWAOSIQ	805751	TL50 Pro
TL50BLG2Y2R2AOS3IQ	800927	TL50 Pro Beacon
TL50BLGY2R2B2ALS3	800460	TL50 Pro Beacon
TL50HBGYRAOS4QP	84659	TL50 Pro Select
TL50HBGYRAC	15079	TL50 Pro Select
TL50HRRRRRQ	17756	TL50 Pro
TL50HWBGYRCQ	16604	TL50 Pro

Banner Engineering Corporation

9714 Tenth Avenue North • Minneapolis, MN 55441 • Phone 763.544.3164 • Fax 763.544.3213 • www.bannerengineering.com



TL50BLBGRAOSI	807070	TL50 Pro Beacon
TL50BLWBYGRQ	91483	TL50 Pro Beacon
TL50BLGY1R1AOS3Q	86923	TL50 Pro Beacon
TL50BLGY1R2AOS4IQ	93844	TL50 Pro Beacon
TL50BLGY2R1AOS4Q	85789	TL50 Pro Beacon
TL50HYYYRQ	31040	TL50 Pro
TL50HGYRBALS4Q	85484	TL50 Pro Select
TL50BLGYR2ALS3	84776	TL50 Pro Beacon
TL50BLB1GY1RAOSQ	93724	TL50 Pro Beacon
TL50BLR1R2R1R2AOSQ	85553	TL50 Pro Beacon
TL50RRRRRRRQ	93539	TL50 Pro
TL50GGGGGGRQ	803933	TL50 Pro
TL50GGGGGYRQ	803563	TL50 Pro
TL50BLGRYBALS3Q	53646	TL50 Pro Beacon
TL50HRGGGGQ	84631	TL50 Pro
TL50BLRAOSC	79163	TL50 Pro Beacon
TL50RYGBALS	86395	TL50 Pro Select
TL50HWGYRAOSQ	86409	TL50 Pro Select
TL50HRYBGQ	93242	TL50 Pro Select
TL50GYBRAOSQ	800906	TL50 Pro Select
TL50BLB1Y2AOS3I	94968	TL50 Pro Beacon
TL50HGRAOS3	74188	TL50 Pro
TL50BLGYR1AOS3IQ	90999	TL50 Pro Beacon
TL50BLBGYR1	31041	TL50 Pro Beacon
TL50BLW2GYRQ	87192	TL50 Pro Beacon
TL50GBYRW W/16	12644	TL50 Pro
TL50BLGR2AOS3	86737	TL50 Pro Beacon
TL50WGORAOSQ	93967	TL50 Pro Select
TL50WYBYBYRQ	97138	TL50 Pro
TL50BLYGRQ	800723	TL50 Pro Beacon
TL50TBWYVQ	97216	TL50 Pro
TL50BGYRALS3C	33572	TL50 Pro Select
TL50BLR2Y1G	39270	TL50 Pro Beacon
TL50BLBGY2ALSQ	803834	TL50 Pro Beacon
TL50BLGRY1ALS4Q	89971	TL50 Pro Beacon
TL50BLG2R2Y2	86738	TL50 Pro Beacon
TL50HGRAOS3QP	74267	TL50 Pro
TL50HGRAOS	74738	TL50 Pro
TL50RGRAOSQ	87539	TL50 Pro Select
TL50RGYAOS	96320	TL50 Pro Select
TL50YBGRAOSQ	86799	TL50 Pro Select

Banner Engineering Corporation

9714 Tenth Avenue North • Minneapolis, MN 55441 • Phone 763.544.3164 • Fax 763.544.3213 • www.bannerengineering.com



TL50RYAOS	93917	TL50 Pro
TL50HWBAQ	16973	TL50 Pro
TL50WBRYGQP	12464	TL50 Pro
TL50HGBYRALS3C	94150	TL50 Pro Select
TL50BLGRY2Q	20158	TL50 Pro Beacon
TL50GYRMAQ	804422	TL50 Pro Select
TL50BLB1AOS3IQ	94879	TL50 Pro Beacon
TL50BLRAOS3I	97287	TL50 Pro Beacon
TL50BLRR	86587	TL50 Pro Beacon
TL50HYRALSQ	18879	TL50 Pro
TL50BLY2R2AOS4	96014	TL50 Pro Beacon
TL50BLY2ALS4Q	97230	TL50 Pro Beacon
TL50BGYRALSQP	16698	TL50 Pro Select
TL50GYORALS3Q	800444	TL50 Pro Select
TL50HRAOS4Q	84648	TL50 Pro
TL50HYRAOSI	93914	TL50 Pro
TL50CRYG	93538	TL50 Pro
TL50BGRAQP	11846	TL50 Pro Select
TL50HYRAQP	25356	TL50 Pro
TL50HRBAQ	85125	TL50 Pro
TL50BLYR	19997	TL50 Pro Beacon
TL50WYGRQ	12300	TL50 Pro Select
TL50BLB2AOS3I	95629	TL50 Pro Beacon
TL50BRGYQ	10824	TL50 Pro Select
TL50RYBGC	805754	TL50 Pro Select
TL50GYBR	10726	TL50 Pro Select
TL50BLBY2Q	96982	TL50 Pro Beacon
TL50BLG1R2	86921	TL50 Pro Beacon
TL50BLRA	19265	TL50 Pro Beacon
TL50HRYBQ	17718	TL50 Pro Select
TL50BYA	12012	TL50 Pro
TL50GRAOS	73487	TL50 Pro
TL50GRAOSQP	73775	TL50 Pro
TL50GGGGQ	18864	TL50 Pro Select
TL50BLR2ALS3	85333	TL50 Pro Beacon
TL50YGRBQ	11728	TL50 Pro Select
TL50RYOQ	801138	TL50 Pro Select
TL50HWRQ	30759	TL50 Pro
TL50BLRW2Q	90599	TL50 Pro Beacon
TL50BLBYQ	20751	TL50 Pro Beacon
TL50BA	16994	TL50 Pro

Banner Engineering Corporation

9714 Tenth Avenue North • Minneapolis, MN 55441 • Phone 763.544.3164 • Fax 763.544.3213 • www.bannerengineering.com



TL50BLY W/10FT	97190	TL50 Pro Beacon
TL50OGQ	89991	TL50 Pro
TL50GRRQ	97294	TL50 Pro Select
TL50GWRQP	11825	TL50 Pro Select
TL50GWR	14467	TL50 Pro Select
TL50R W/16	11494	TL50 Pro
TL50A W/16	12645	Audible
TL50RGOBYAQ	804460	TL50 Pro
TL50BLRC	19238	TL50 Pro Beacon
TL50GYRAOS4CQ	84674	TL50 Pro Select
TL50BLRYBG	32283	TL50 Pro Beacon
TL50BLGYRBAOS3	800883	TL50 Pro Beacon
TL50BLRRYGAQP	800087	TL50 Pro Beacon
TL50CRYYGYYRC	94392	TL50 Pro
TL50CSSSSYBGQ	807252	TL50 Pro
TL50BLBGYR1AOSQ	88572	TL50 Pro Beacon
TL50BLG2Y2R2B2AOS3	800025	TL50 Pro Beacon
TL50BLR2R2R2R2AOS4Q	92299	TL50 Pro Beacon
TL50BLYRYRYQ	91803	TL50 Pro Beacon
TL50BLG2Y2R2B2A	87179	TL50 Pro Beacon
TL50BLG2Y2R2B2ALS4Q	806922	TL50 Pro Beacon
TL50HRRRRAC	83061	TL50 Pro Select
TL50BLBWGYRQ	97625	TL50 Pro Beacon
TL50BLGBY1R2CQ	92279	TL50 Pro Beacon
TL50BLGY2R1ALSQ	32205	TL50 Pro Beacon
TL50BLG2YR1ALS4CQ	42984	TL50 Pro Beacon
TL50HBWYRGQ	29493	TL50 Pro
TL50HRBWYG	805708	TL50 Pro
TL50GWRBOA	97551	TL50 Pro
TL50YOBGRAOSQ	800342	TL50 Pro
TL50BLGY2R1AOS	92787	TL50 Pro Beacon
TL50BLBYRAOS4Q	801450	TL50 Pro Beacon
TL50BLGYR1AOS3Q	95708	TL50 Pro Beacon
TL50BLGYRAOS4	84666	TL50 Pro Beacon
TL50RRRRRRRQ	94025	TL50 Pro
TL50HGBYRALSQP	97646	TL50 Pro Select
TL50BLBYGRQ	95783	TL50 Pro Beacon
TL50BLBYRGQ	91560	TL50 Pro Beacon
TL50BLR2GY2YQ	92496	TL50 Pro Beacon
TL50BLR2Y1R2Y1Q	19833	TL50 Pro Beacon
TL50HRYGBAC	17535	TL50 Pro Select

Banner Engineering Corporation



TL50HWYGRA	19651	TL50 Pro Select
TL50WBYRGALSQ-803641	803641	TL50 Pro
TL50GYBRC	18439	TL50 Pro Select
TL50RYGAOSKQ	804158	TL50 Pro Select
TL50BLB2GYR1ALSQ	84569	TL50 Pro Beacon
TL50HBWYGR	20458	TL50 Pro
TL50BLGY1R2AOS4	87218	TL50 Pro Beacon
TL50CWBGYRALSQ	91355	TL50 Pro
TL50HGYRWAOSQ	86546	TL50 Pro Select
TL50BLGBRAQ	806858	TL50 Pro Beacon
TL50HGYRAOS4IQP	91157	TL50 Pro Select
TL50HGYRAOSI	93793	TL50 Pro Select
TL50BYGRALSQ	93703	TL50 Pro Select
TL50BLGY1B1RQ	92115	TL50 Pro Beacon
TL50HBYRGQPMA-92791	92791	TL50 Pro Select
TL50HBGYRA	14601	TL50 Pro Select
TL50HYBRGQ	805846	TL50 Pro Select
TL50BLB1R2AOS3	97699	TL50 Pro Beacon
TL50BLW1W2AOS3Q	801827	TL50 Pro Beacon
TL50BLYRAOSQ	85083	TL50 Pro Beacon
TL50BLGYR1	84750	TL50 Pro Beacon
TL50BLRYGCQ	85914	TL50 Pro Beacon
TL50GOBYRQ	801125	TL50 Pro
TL50OBYR	97809	TL50 Pro
TL50BLBGR2	86345	TL50 Pro Beacon
TL50BLG2Y2R2AQ	26796	TL50 Pro Beacon
TL50HGYRAOS3	74189	TL50 Pro Select
TL50HRWBAOSIQ	88391	TL50 Pro Select
TL50GYRBACQ	87003	TL50 Pro Select
TL50GWYKQ	805306	TL50 Pro Select
TL50GRYAOS3Q	92419	TL50 Pro Select
TL50HWGBRALS3Q	91743	TL50 Pro Select
TL50BLR1R1AOS4Q	94369	TL50 Pro Beacon
TL50GRBYAQ	88643	TL50 Pro Select
TL50BLB2AOS3IQ	800983	TL50 Pro Beacon
TL50BRYBGQ	20893	TL50 Pro
TL50RYGYR	27629	TL50 Pro
ILBGYR-K50-5X4S-H1181	770055 5	-
TL50GBYRALS3Q	803185	TL50 Pro Select
TL50BLGY1R2CQ	19742	TL50 Pro Beacon

Banner Engineering Corporation

9714 Tenth Avenue North • Minneapolis, MN 55441 • Phone 763.544.3164 • Fax 763.544.3213 • www.bannerengineering.com



TL50BLR2AOS	91218	TL50 Pro Beacon
TL50BLR2AOSQ	86798	TL50 Pro Beacon
TL50BLW1AOS4IQ	94361	TL50 Pro Beacon
TL50RYMALS	95687	TL50 Pro Select
TL50HYGWQ	87183	TL50 Pro Select
TL50BLW2Y2R2ALS3CQ	807175	TL50 Pro Beacon
TL50CBGYRAOS3Q	91374	TL50 Pro
TL50CGYRAOS3IQ	91388	TL50 Pro
TL50HBRAOSQ	94837	TL50 Pro
TL50GWBRAQ	96398	TL50 Pro Select
TL50BLGYR6PQPMA-91210	91210	TL50 Pro Beacon
TL50RGAOSIQ	802481	TL50 Pro
TL50RYGAOS	93255	TL50 Pro Select
TL50GWRALS	801897	TL50 Pro Select
TL50BLG1ALS3	85488	TL50 Pro Beacon
TL50GBRKQ	805105	TL50 Pro Select
TL50RYRY	88190	TL50 Pro Select
TL50CYBGRQ	807063	TL50 Pro
TL50GORWQ	803104	TL50 Pro Select
TL50BLY1AOS	93311	TL50 Pro Beacon
TL50BLGR1A	85336	TL50 Pro Beacon
TL50BLB1A	33601	TL50 Pro Beacon
TL50GRAOSCQ	76112	TL50 Pro
TL50BLG2Y2R2CQ	25612	TL50 Pro Beacon
TL50GBYYQ	800433	TL50 Pro Select
TL50WOGWQ	97391	TL50 Pro Select
TL50BLRALS4Q	88419	TL50 Pro Beacon
TL50HGRQ-805123	805123	TL50 Pro
TL50BLG1R1	86848	TL50 Pro Beacon
TL50BLG2R2QP	25387	TL50 Pro Beacon
TL50BRYQ	801410	TL50 Pro Select
TL50RBY	25554	TL50 Pro Select
TL50RYR	88191	TL50 Pro Select
TL50MWBQ	805562	TL50 Pro Select
TL50GA	27174	TL50 Pro
TL50BWMAQ	804483	TL50 Pro Select
TL50GYA	88093	TL50 Pro
TL50HGYQP	800238	TL50 Pro
TL50CRGQ	804029	TL50 Pro
TL50YA	10763	TL50 Pro

Banner Engineering Corporation

9714 Tenth Avenue North • Minneapolis, MN 55441 • Phone 763.544.3164 • Fax 763.544.3213 • www.bannerengineering.com



TL50TM1QP-31599	31599	TL50 Pro
TL50RY	26289	TL50 Pro
TL50GO	805937	TL50 Pro
TL50CO	94420	TL50 Pro
TL50CYQ	803461	TL50 Pro
TL50BLG1R2AQ	804580	TL50 Pro Beacon
TL50VOWBGYR	804778	TL50 Pro
TL50AOS4	91262	Audible
TL50BLB2GY1R2AOS4Q	800442	TL50 Pro Beacon
TL50BLGR2QP	86932	TL50 Pro Beacon
TL50BLRAKQ	803884	TL50 Pro Beacon
TL50HGRBYACQ	25657	TL50 Pro Select
TL50YRAOS	95061	TL50 Pro
TL50BLR2R2R2Q	30413	TL50 Pro Beacon
TL50GRALSCQ	16632	TL50 Pro
TL50AKQ	801286	Audible
TL50BLGR1ALS3	801488	TL50 Pro Beacon
TL50BLR2Y1B1	26721	TL50 Pro Beacon
TL50GRC	15125	TL50 Pro
TL50HWYQ	17190	TL50 Pro
TL50RRGQ	86836	TL50 Pro Select
TL50BLG1Y1R1AOS3Q	87439	TL50 Pro Beacon
TL50HRYGALSC	85994	TL50 Pro Select
TL50HYGRAOSIQ	94693	TL50 Pro Select
TL50HYR	62902	TL50 Pro Select
TL50HRYA	17465	TL50 Pro
TL50RG1Q	805939	TL50 Pro
TL50AC	16987	Audible
TL50WGRALS3	806086	TL50 Pro Select
TL50OBRWQ	807004	TL50 Pro Select
TL50BLBG1Y2R3ALSQP	26823	TL50 Pro Beacon
TL50BLWGYRACQ	94114	TL50 Pro Beacon
TL50HGBR	93237	TL50 Pro Select
TL50HGGGALSCQ	26727	TL50 Pro Select
TL50RWGYQ	806494	TL50 Pro Select
TL50BLGYRALS3	30802	TL50 Pro Beacon
TL50GYRBALSCQP	25228	TL50 Pro Select
TL50GRGRQ	17568	TL50 Pro Select

Banner Engineering Corporation

9714 Tenth Avenue North • Minneapolis, MN 55441 • Phone 763.544.3164 • Fax 763.544.3213 • www.bannerengineering.com