

EXHIBIT 1

Claim Term No.	Claim Terms To Be Construed	Plaintiff's Proposed Constructions and Support¹	Defendant's Proposed Constructions and Support
1	“a housing defining a central opening therein and a plurality of lamp receptacles surrounding the central opening” Claims 1, 14	No construction necessary; plain and ordinary meaning. <u>Extrinsic Support:</u> Plaintiff reserves the right to identify, designate, and rely upon expert testimony and other extrinsic evidence in rebuttal to any proposed constructions, extrinsic evidence, or expert testimony identified by Defendant. <u>Intrinsic Support:</u> <u>'516 Patent:</u> Abstract, 1:55-63, 2:4-13, 2:14-19, 2:19-27, 2:28-36, 3:24-30, 3:40-42, 4:12-15, 4:20-34, 5:24-29, 6:33-65, 7:14-18, 7:19-35, 7:36-40, 7:46-47, 7:55-59, 8:9-24, 8:13-19, 8:25-30, 8:37-52, 9:42-45, 10:17-21, 11:13-36, 11:37-48, 11:49-62, 12:41-56, 13:1-6; Figs. 1, 2, 3, 5, 6, and 12; Claims 1, 4, 12, 13, 14, 16, 24, 25, 26, and 27. <u>Prosecution History for '516 Patent:</u>	“a main body member having an opening through its center, the member having a plurality of holes in the member that encircle the opening” <u>Extrinsic Support:</u> 1. Expert Testimony of Joseph J. Talghader, Ph.D. regarding the proposed construction of the element as claimed. 2. Merriam-Webster Dictionary definition: “Surround” means to “enclose on all sides, envelop,” or “to extend around the margin or edge of, encircle”² <u>Intrinsic Support:</u> Provisional Patent Application No. 61/379,282, all pages. '516 patent at front page, 1:5-9, 2:49-64, 3:20-39, 4:20-34, 5:52-6:8, 6:33-7:40, 7:55-62, 8:9-24, 8:37-57, 9:42-45, 13:49-50, 14:47-48, 16:4-5, 16:11-12; FIGS. 1, 2, 3, 4, 5, 6; and Claims 1, 4, 12*, 13*,

¹ The intrinsic support cited below will be used and relied upon in responding to and opposing the construction proposed by Defendant.

² <https://www.merriam-webster.com/dictionary/surrounding> last visited September 26, 2022.

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Claim Term No.	Claim Terms To Be Construed	Plaintiff's Proposed Constructions and Support¹	Defendant's Proposed Constructions and Support
		Applicant Remarks dated 04/30/2013, particularly at 3; 7-9, references cited therein. Office Action (Non-final Rejection) dated 07/10/2013, particularly at 3; 6 and references cited therein.	14, 16, 24, 25, 26*, 27*. (*Unasserted claims.) Prosecution history for '516 patent: • Spectral_0000026 – 0000067 • Office Action of Jan. 30, 2013, at Spectral_0000775-0000788, and references cited therein [Pohlert, Kelly, Nomura, Furze, Flexman], see Spectral_0000779, Spectral_0000782, Spectral_0000785, and Kelly FIGS. 1-2; and Flexman; also see Spectral_0000780 and Pohlert, para. 0187, FIGS. 50a-50b. - Pohlert, all pages, and specifically ¶¶0098, 0155, 0144, 0149 • Amendment of April 30, 2013, at Spectral_0000812-0000838, and see Spectral_0000828-0000830, Spectral_0000834. • Office Action of July 10, 2013, at Spectral_0000842-0000858, and see Spectral_0000846-0000848, and Spectral_0000850-0000852, and Spectral_0000855-0000856.

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Claim Term No.	Claim Terms To Be Construed	Plaintiff's Proposed Constructions and Support¹	Defendant's Proposed Constructions and Support
			• Amendment of Oct. 10, 2013, at Spectral_0000871-0000889 and see Spectral_0000886. • Office Action of Jan. 9, 2014, at Spectral_0000892-0000902, and see Spectral_0000895-0000900 and Nilson and Shozo. • Amendment of May 9, 2014, at Spectral_0000921-0000948, and see Spectral_0000935 and Nilson and Shozo.
2	“a housing defining a central opening therein and a plurality of lamp receptacles therein surrounding the central opening” Claim 25	No construction necessary; plain and ordinary meaning. <u>Extrinsic Support:</u> Plaintiff reserves the right to identify, designate, and rely upon expert testimony and other extrinsic evidence in rebuttal to any proposed constructions, extrinsic evidence, or expert testimony identified by Defendant. <u>Intrinsic Support:</u>	“a main body member having an opening through its center, the member having a plurality of holes in the member that encircle the opening” <u>Extrinsic Support:</u> 1. Expert Testimony of Joseph J. Talghader, Ph.D. regarding the proposed construction of the element as claimed. 2. Merriam-Webster Dictionary definition: “Surround” means to “enclose on all sides, envelop,” or “to extend around the margin or edge of, encircle”³

³ <https://www.merriam-webster.com/dictionary/surrounding> last visited September 26, 2022.

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Claim Term No.	Claim Terms To Be Construed	Plaintiff's Proposed Constructions and Support¹	Defendant's Proposed Constructions and Support
		'516 Patent: Abstract, 1:55-63, 2:4-13, 2:14-19, 2:19-27, 2:28-36, 3:24-30, 3:40-42, 4:12-15, 4:20-34, 5:24-29, 6:33-65, 7:14-18, 7:19-35, 7:36-40, 7:46-47, 7:55-59, 8:9-24, 8:13-19, 8:25-30, 8:37-52, 9:42-45, 10:17-21, 11:13-36, 11:37-48, 11:49-62, 12:41-56, 13:1-6; Figs. 1, 2, 3, 5, 6, and 12; Claims 1, 4, 12, 13, 14, 16, 24, 25, 26, and 27. <u>Prosecution History for '516 Patent:</u> Applicant Remarks dated 04/30/2013, particularly at 3; 7-9, references cited therein. Office Action (Non-final Rejection) dated 07/10/2013, particularly at 3; 6 and references cited therein.	<u>Intrinsic Support:</u> Same as Support for Claim Term No. 1
3	“a light source positioned within each of the plurality of lamp receptacles” Claims 1, 9, 25	No construction necessary; plain and ordinary meaning. <u>Extrinsic Support:</u> Plaintiff reserves the right to identify, designate, and rely upon expert testimony and other extrinsic evidence in rebuttal to any proposed constructions, extrinsic evidence, or	“a non-surface-mounted light source in each of the plurality of holes in the member” <u>Extrinsic Support:</u> 1. Expert Testimony of Joseph J. Talghader, Ph.D. regarding the proposed construction of the element as claimed.

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		expert testimony identified by Defendant. <u>Intrinsic Support:</u> <u>'516 Patent:</u> 1:63-65, 3:26-30, 3:40-42, 3:60-4:2, 4:12-15, 4:37-39, 5:24-29, 6:49-60, 7:36-40, 7:46-60, 8:13-19, 8:25-30, 8:43-46, 8:66-9:6, 9:42-45, 10:10-13, 10:34-35, 11:13-19, 11:58-62. <u>Prosecution History for '516 Patent:</u> Applicant Remarks dated 04/30/2013, particularly at 3; 7-9, references cited therein. Office Action (Non-final Rejection) dated 07/10/2013, particularly at 3; 6 and references cited therein. Applicant Remarks dated 05/09/2014, and references cited therein.	2. Expert Testimony of Joseph J. Talghader, Ph.D. regarding the disavowal of surface-mounted light sources in the prosecution history of the Patent-in-Suit. 3. IEEE Definition of "surface-mounted-device": "A device in which the entire body of which projects in front of the mounting surface, with no portion penetrating the mounting surface."⁴ <u>Intrinsic Support:</u> Provisional Patent Application No. 61/379,282, all pages. '516 patent, 2:49-64, 3:20-51, 4:20-34, 4:36-41, 6:33-7:40, 7:55-62, 8:9-24, 8:37-9:13, 9:42-45, 10:17-31, and FIGS. 1, 2, 3, 4, 5, 6, Claims 1, 4, 12*, 13*, 14, 16, 24, 25, 26*, 27*. (*Unasserted claims.) Pohlert, all pages, and specifically ¶¶0098, 0155, 0144, 0149; FIGS. 4, 5, 11, 12.

⁴ IEEE Standard C37.20.10-2016 IEEE Standard Definitions for AC (52 kV and below) and DC (3.2 kV and below) Switchgear Assemblies at p. 24. Definition of "surface-mounted-device."

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			Prosecution history for '516 patent: • Office Action of Nov. 21, 2012, at Spectral_0000763-0000768, and see Spectral_0000765. • Election of Invention (Without Traverse) Under 37 C.F.R. §1.142, at Spectral_0000771-0000772. • Office Action of Jan. 30, 2013, at Spectral_0000775-0000788, and references cited therein [Pohlert, Kelly, Nomura, Furze, Flexman]. Pohlert, all pages, and specifically ¶¶0098, 0155, 0144, 0149 • Amendment of April 30, 2013, at Spectral_0000812-0000838, and see Spectral_0000828-0000831 and Pohlert, Kelly, and Nomura. • Office Action of July 10, 2013, at Spectral_0000842-0000858, and see Spectral_0000844, Spectral_0000847, Spectral_0000847-0000851.

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			• Amendment of Oct. 10, 2013, at Spectral_0000871-0000889. • Office Action of Jan. 9, 2014, at Spectral_0000892-0000902, and see Spectral_0000895-000896. • Amendment of May 9, 2014, at Spectral_0000921-0000948, and see Spectral_0000931-0000932 and Nilson and Shozo.
4	“a narrow-band light source positioned within at least one of the plurality of lamp receptacles” Claim 14	No construction necessary; plain and ordinary meaning. <u>Extrinsic Support:</u> Plaintiff reserves the right to identify, designate, and rely upon expert testimony and other extrinsic evidence in rebuttal to any proposed constructions, extrinsic evidence, or expert testimony identified by Defendant. <u>Intrinsic Support:</u> <u>'516 Patent:</u> 1:63-65, 3:26-30, 3:40-42, 3:60-4:2, 4:12-15, 4:37-39, 5:24-29, 6:49-60, 7:36-40, 7:46-60, 8:13-19,	“a non-surface-mounted narrow-band light source in at least one of the plurality of holes of the member” <u>Extrinsic Support:</u> 1. Expert Testimony of Joseph J. Talghader, Ph.D. regarding the proposed construction of the element as claimed. 2. Expert Testimony of Joseph J. Talghader, Ph.D. regarding the disavowal of surface-mounted light sources in the prosecution history of the Patent-in-Suit. 3. IEEE Definition of “surface-mounted-device”: “A device in which the entire body of which

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		8:25-30, 8:43-46, 8:66-9:6, 9:42-45, 10:10-13, 10:34-35, 11:13-19, 11:58-62 <u>Prosecution History for '516 Patent:</u> Office Action (Non-final Rejection) dated 01/30/2013, particularly at 5, references cited therein. Applicant Remarks dated 04/30/2013, particularly at 3; 7-9, references cited therein. Affidavit Traversing Rejections or Objections dated 05/09/2014, particularly at ¶¶ 10-12, 15-19. Applicant Remarks dated 05/09/2014, particularly at 3;4, and references cited therein.	projects in front of the mounting surface, with no portion penetrating the mounting surface.” <u>Intrinsic Support:</u> Same as Support for Claim Term No. 3.
5	“diffuser” Claims 1, 4, 14, 15	No construction necessary; plain and ordinary meaning. <u>Extrinsic Support:</u> Plaintiff reserves the right to identify, designate, and rely upon expert testimony and other extrinsic evidence in rebuttal to any proposed constructions, extrinsic evidence, or	“an optical component that spreads and randomizes rays of light passing through it to provide more even illumination than would be without the optical component” <u>Extrinsic Support:</u> 1. Expert Testimony of Joseph J. Talghader, Ph.D. regarding the proposed construction of

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		expert testimony identified by Defendant. <u>Intrinsic Support:</u> '516 Patent: Abstract, 1:64-2:3, 2:38-39, 3:40-51, 6:57-65, 9:14-34, Figs. 5, 6, 10, 11 <u>Prosecution History for '516 Patent:</u> Office Action (Non-final Rejection) dated 01/30/2013, particularly at 3; 6, and references cited therein. Applicant Remarks dated 04/30/2013, particularly at 3; 7-9, references cited therein.	"diffuser," uses of diffusers, and characteristics of diffusers, as used in the claims of the Patent-in-Suit. <u>Intrinsic Support:</u> '516 patent, 2:49-64, 3:40-51, 6:57-65, 9:14-34, FIGS. 1, 5, 6. Pohlert, all pages, and specifically ¶¶0098, 0155, 0144, 0149 Provisional Patent Application No. 61/379,282, all pages. Prosecution history for '516 patent: • Office Action of Nov. 21, 2012, at Spectral_0000763-0000768, and see Spectral_0000765. • Election of Invention (Without Traverse) Under 37 C.F.R. §1.142, at Spectral_0000771-0000772.
6	"a diffuser positioned within at least some of the plurality of lamp receptacles" Claims 1, 14	No construction necessary; plain and ordinary meaning. <u>Extrinsic Support:</u>	"a diffuser positioned within at least some of the holes of the member that contain narrow-band light sources" <u>Extrinsic Support:</u>

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		Plaintiff reserves the right to identify, designate, and rely upon expert testimony and other extrinsic evidence in rebuttal to any proposed constructions, extrinsic evidence, or expert testimony identified by Defendant. <u>Intrinsic Support:</u> '516 Patent: Abstract, 1:64-2:3, 2:38-39, 3:26-30, 3:40-51, 4:12-15, 5:24-29, 6:49-65, 7:36-40, 7:46-47, 8:13-19, 8:25-30, 9:14-34, 9:42-45, 11:13-19, 11:58-62, Figs. 5, 6, 10, 11 <u>Prosecution History for '516 Patent:</u> Office Action (Non-final Rejection) dated 01/30/2013, particularly at 3; 6, and references cited therein. Applicant Remarks dated 04/30/2013, particularly at 3; 7-9, references cited therein.	1. Expert Testimony of Joseph J. Talghader, Ph.D. regarding the construction of this phrase. <u>Intrinsic Support:</u> Provisional Patent Application No. 61/379,282. '516 patent, 2:49-64, 3:3-5, 3:12 3:40-51, 6:57-65, 9:14-34, 11:6;, 12:26, 12:42 and all other pages; FIGS. 1, 5, 6, 7, 8, 9, 10, 11, 12, 13. Prosecution history for '516 patent: • Office Action of Nov. 21, 2012, at Spectral_0000763-0000768, and see Spectral_0000765. • Election of Invention (Without Traverse) Under 37 C.F.R. §1.142, at Spectral_0000771-0000772.