

Shine Duo is the next generation of excellence in Architectural Recessed luminaires with two choices for optics: the high performance MesoOptics lens or the value driven Silk lens.

Shine Duo includes AccuRender technology for the highest color quality at the highest efficacy.

Project: _____

Location: _____

Cat.No: _____

Type: _____

Line ID: _____ Qty: _____

Notes: _____

Ordering guide

quickship options

Tunable White options

Example: SH24D1STL93545Q1DSNCS

Family	Size	Version	Configuration	Source	CRI/CCT ^{1,3}	Lumens ^{1,3}	Optics	Wiring ^{2,7}
SH			ST	L				
SH Shine Duo	22 2'x2' 14 1'x4'	D1 Standard & Slot T-Grid C1 Standard & Slot T-Grid + Chicago Plenum	ST Standalone	L LED	940 CRI 90, 4000K	50 5000lm	A Silk – Lambertian Q MesoOptics – Batwing Other options may be ordered in increments of 100lm between 2000lm and 5000lm or 4000lm and 8000lm (not available for QuickShip)	1 1 Circuit
					935 CRI 90, 3500K	45 4500lm		B 1 Circuit + Battery Pack
					930 CRI 90, 3000K	40 4000lm		G 1 Circuit + GTD 120V
					950 CRI 90, 5000K	35 3500lm		H 1 Circuit + GTD 277V
					927 CRI 90, 2700K	30 3000lm		
	24 2'x4'					25 2500lm		
						20 2000lm		
						80 8000lm		
						75 7500lm		
						70 7000lm		
					65 6500lm			
					60 6000lm			
					55 5500lm			
					50 5000lm			
					45 4500lm			
					40 4000lm			
Voltage ⁴		Driver (Dim %)		Option		Integral Sensors & Control System ⁵		
D UNV 120-277V 3 347V	E Advance Xitanium 0-10V (1%)		N None		Leave blank			
	D Advance Xitanium DALI-2 D4i (1%)		P Pre-Installed Flex Whip (6', 6C)					
	H Lutron EcoSystem LDE1 (<1%, FtB)							
D UNV 120-277V	S Advance Xitanium SR, DALI-2 D4i (1%, Dim-to-off, Fade-to-on)				CS Interact Sensor (Day/Occ) RA Interact Radio Node SB Interact Enterprise Sensor Bundle (Day/Occ + IoT) AS Lutron Athena Sensor AWNS (Day/Occ) AR Lutron Athena Radio Node AWRN VS Lutron Vive Sensor VDO (Day/Occ) VR Lutron Vive Radio Node VRF			
D UNV 120-277V	A Advance Xitanium 0-10V + Aux (1%, Dim-to-off, Fade-to-on)				DO Basic Daylight and Occupancy AS Lutron Athena Sensor AWNS (Day/Occ) AR Lutron Athena Radio Node AWRN			
D UNV 120-277V	F Advance FlexTune 2ch SR, DALI DT8 (1%, Dim-to-off, Fade-to-on)				CS Interact Sensor (Day/Occ) RA Interact Radio Node SB Interact Enterprise Sensor Bundle (Day/Occ + IoT) AS Lutron Athena Sensor AWNS (Day/Occ) AR Lutron Athena Radio Node AWRN			
	2 0-10V 2ch (0.1%)				Leave blank			

- Nominal values within a range. Some lumen packages not available in all configurations, consult photometry data for CRI/CCT (static & tunable white), lumens & distribution of chosen configuration.
- Not all wiring types are available with all configurations. Consult Ledalite for a complete list of available options.
- Tunable White available with Advance FlexTune 2ch SR and 0-10V 2ch drivers. Consult factory for alternatives such as DALI DT6 or DMX (extended lead times may apply). Tunable White max lumen package is 5000lm in 2'x4' sizes, 4500lm in 2'x2' sizes, and 4000lm 1'x4' sizes.

- 347V only available with E - Advance Xitanium 0-10V (1%) driver option
- Interact options may require an IRT9015 Interact commissioning remote or other separate controls hardware by Signify.
- Other options not shown here may also be possible via a custom request, please consult factory. Extended lead times and minimum order quantities may apply.
- GTD is only available with E, D, or H driver options with either a 120V or 277V connection.

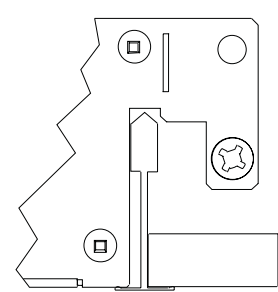
Note: Due to continuing product improvements, Ledalite reserves the right to change the specifications without notice.

Shine Duo Architectural Recessed

Mounting details

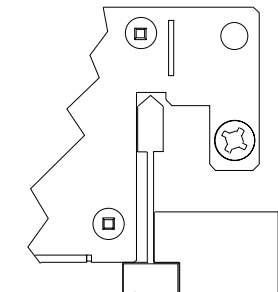
Standard T-Grid

Integrates with most common T-Grid types. Works with 9/16" & 15/16" flat T-Grid ceilings.



Slot T-Grid

Can be used with slot T-Grid ceilings. For 9/16" slot T-Grid ceilings, fixture will sit 5/16" above bottom of T-Bar.



Drywall Trim Mounting Frame

The Ledalite drywall trim mounting frame assembly is designed to permit use of grid (NEMA G) fixtures in drywall or ceilings requiring flanges. Mounting frame is ordered separately and compatible with standalone recessed product. Frame can be installed directly to a solid frame (such as wood) or via hanger wires. Finish is white.

Extruded aluminum construction with mitered corners. Includes screws for complete assembly. Available in 2'x2', 2'x4' and 1'x4' sizes.

Drywall Frame Ordering Code	Size
300DK02	1'x4'
300DK03	2'x2'
300DK04	2'x4'

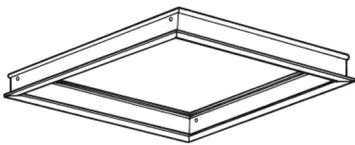
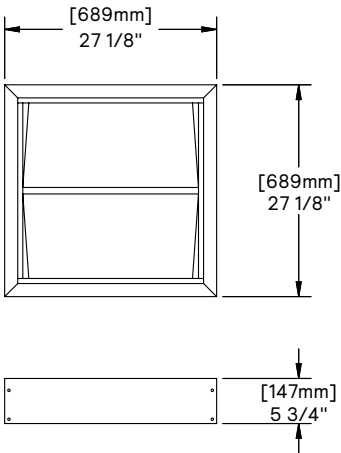
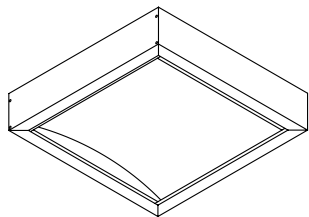
More information available [here](#).

Duo Surface Mount Frame

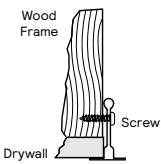
The Ledalite Duo Surface Mount Frame is designed to universally allow all standard versions of Duo Recessed Luminaires, including those with Battery Pack, GTD, and Sensor options, to be Surface Mounted. Frame is ordered separately. Finish is white.

Made from painted and formed sheet metal with mitered corners. Includes screws for complete assembly. Available in 2'x2', 2'x4', and 1'x4' sizes

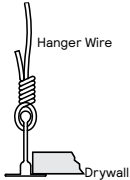
Surface Mount Ordering Code	Size
300SM14W	1'x4'
300SM22W	2'x2'
300SM24W	2'x4'



Wood Frame Hanger Wire



Wood frame and screws supplied by others.

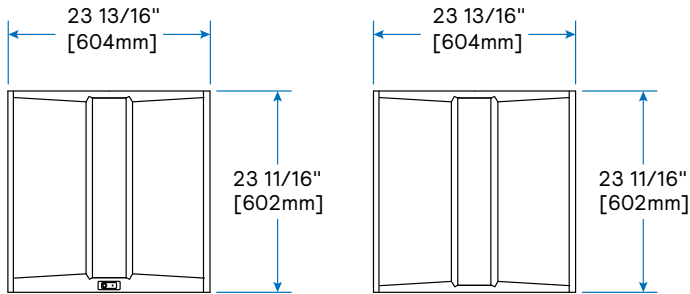


Hanger wires supplied by others.

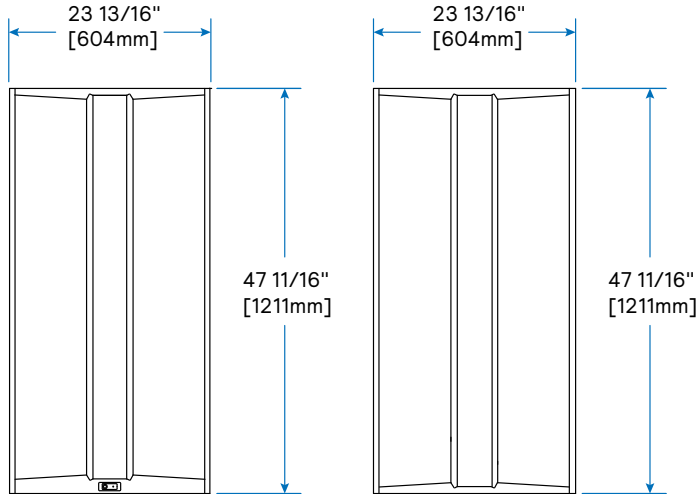
Shine Duo Architectural Recessed

Dimensions

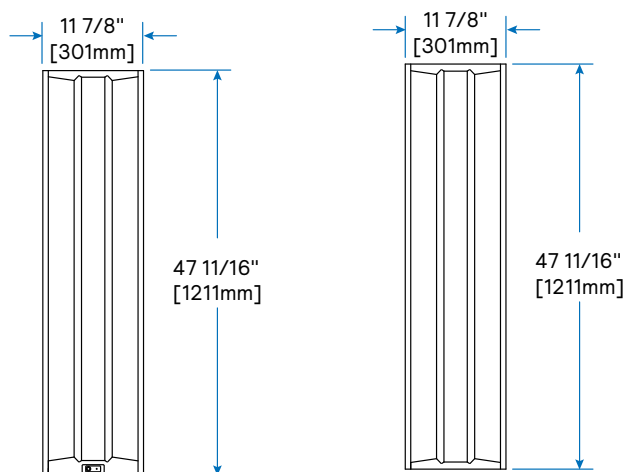
2'x2' lens view, with and without Interact sensor*



2'x4' lens view, with and without Interact sensor*

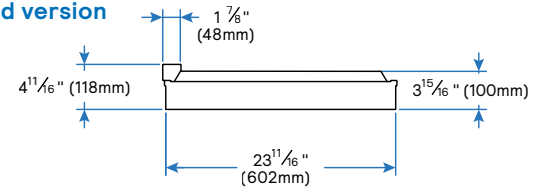


1'x4' lens view, with and without Interact sensor*

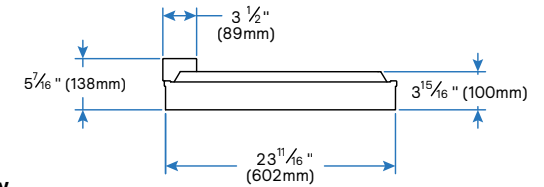


End view

Standard version

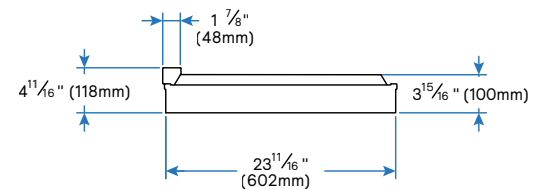


Battery Pack and GTD version

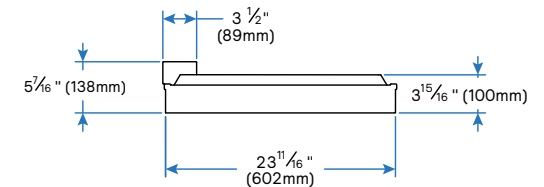


End view

Standard version

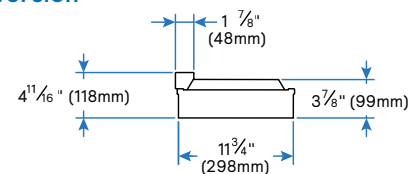


Battery Pack and GTD version

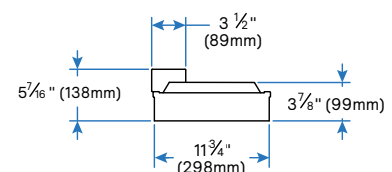


End view

Standard version



Battery Pack and GTD version



*All other sensors such as Lutron Athena or Vive have the same placement.

Shine Duo Architectural Recessed

Specifications

Optical System

MesoOptics – Batwing: A layer of precision MesoOptics film creates a 3D batwing distribution resulting in a flawless uniform surface while allowing for higher on-center spacing, promoting even lighting on the workplane and reduced glare, resulting in the need for less luminaires than typical troffer applications and providing superior user comfort in spaces.

Silk – Lambertian: A diffuse white acrylic lens delivers a flawlessly uniform luminous surface with a light distribution typical of troffer type lighting applications.

Housing

Product is compatible with NEMA Type G, NFG, NFSG, and SS. Sides and center spine: precision aluminum extrusion; end caps, back housing and driver cover: die-formed, cold-rolled steel, pre and post painted.

Finish

Extruded aluminum trim and formed steel coated with an electrostatically applied, thermally cured polyester powder coat sandtex white finish. Driver box is galvanized.

Mounting

Compatible with 15/16" lay-in acoustical ceilings using exposed grid suspension (NEMA type G). For 9/16" slot T-grid ceilings, fixture will sit 5/16" above bottom of Tee. Optional drywall kit trim mount can be fastened to a wood frame or with hangar wire.

Weight

Size	Typical	Maximum
2'x2'	13 lbs.	15 lbs.
2'x4'	21 lbs.	24 lbs.
1'x4'	14 lbs.	17 lbs.

Electrical & Servicing

Drivers are easily field replaceable from above the ceiling with the unique Duo driver box design. Wire knock-outs available on both ends of the driver box for field-installable mains and dimming thru-wiring across multiple fixtures. Optional armored 6-conductor cable flex whips are available in 6' lengths (option code P).

Integral Battery Packs and GTDs

Bodine Battery Pack, 90 min, 10W, Class 2 rated output. Low profile test switch is easily accessible from below the ceiling.

Battery pack lumen output = 10W x luminaire efficacy x 1.1. Typical output: 1600lm.

Bodine GTD (generator transfer device) is for use with a generator or central inverter. Requires connection to an emergency source derived from a UL 1008 Listed transfer switch.

Lumen Maintenance

LEDs have been tested by the manufacturer in accordance with IESNA LM-80-08. At an ambient temperature of 25°C, the LED lumen maintenance expectation according to IES TM-21-11:

L_{70} (17K) >102,000 hrs (Reported methodology).

The below calculated lifetime represents estimations commonly used. PS-10-18: IES Position on LED Product Lifetime Prediction, explains proper use of IES TM-21 and LM-80.

L_{70} > 215,000 hrs (Calculated).

Source Color

LEDs rated for color rendering of:

$CRI R_a \geq 90$, $R_g \geq 50$, $G_a \geq 97$, $C_g \geq 90$

IES TM-30-18 : $R_f \geq 89$, $R_{f,h1} \geq 88$, $R_g \geq 97$, $R_{cs,h1} \geq -6\%$

SPD and TM-30-18 reports available upon request

Fixture to fixture color accuracy within 3 SDCM

Environment

Rated for dry or damp locations in operating ambient temperatures of 25±5°C (77±9°F).

Many luminaire components, such as reflectors, refractors, lenses, and LEDs are made from various types of plastics which can be adversely affected by airborne contaminants. If sulfur-based chemicals, petroleum-based products, cleaning solutions, or other contaminants are expected in the intended area of use, consult factory for compatibility. Damage caused by sulfur, chlorine, petroleum-based solution or other contaminants are not covered under warranty. Not suitable for natatorium environments.

Warranty

Standard five-year luminaire limited warranty including LED light engine and driver. Warranties up to 10 years are available upon special request. Visit www.signify.com/warranties under "Indoor Professional Luminaires" for more information.

QuickShip

10-day QuickShip available for thousands of configurations when requested at ordering time. This service is offered at no additional charge. Total quantity limits apply. More information available [here](#).

Shine Duo Architectural Recessed

Specifications (continued)

Drivers

Class 2 rated output. Lowest dimming level shown in brackets. Consult Ledalite for other available drivers or custom requests.

Static White 120-277V

- Advance Xitanium 0-10V (1%)
- Advance Xitanium DALI-2 D4i (1%)
- Advance Xitanium SR (Sensor Ready), DALI-2 D4i (1%, Dim-to-off, Fade-to-on)
- Advance Xitanium 0-10V + Aux (1%, Dim-to-off, Fade-to-on)
- Lutron EcoSystem LDE1 (<1%, Soft-on, Fade-to-Black)

Static White 347V

- Advance Xitanium 0-10V (1%)
- Advance Xitanium SR, DALI-2 D4i (1%) – Contact Factory

Tunable White 2-channel 120-277V

- Advance FlexTune 2ch SR (Sensor Ready), DALI DT8 (1%, Dim-to-off, Fade-to-on)
- 0-10V 2ch (0.1%)
- DALI-2 DT6 2ch (0.1%) – Contact Factory
- DALI-2 DT8 2ch (0.1%) – Contact Factory

WELL v2 Building Standard

Shine Duo luminaires contribute towards satisfying the following features under the WELL v2 Building Standard:

- **L03:** When specified with a Tunable White system.
- **L04:** Glare management for configurations at <19 UGR and <16 UGR.
- **L07:** Brightness management with batwing distributions allowing for even lighting within a space, while spacing the fixtures wider apart than typical recessed luminaire product.
- **L08:** AccuRender CRI 90 standard LED boards with high performance Advance Xitanium drivers (or optional drivers) to manage color quality and flicker
- **L09:** When specified with Interact or when tied to a 3rd party control system.
- **X07:** Materials Transparency via the Declare label, operated by the International Living Future Institute.

Controls

Detailed specification of controls can be found on the following pages of this spec sheet. Ordering codes shown in brackets. Many 3rd party control solutions can be used separate of the luminaire when the correct driver is specified (i.e. 0-10V, DALI, EcoSystem). Consult Ledalite for other integral sensors, remote sensors, and custom requests such as those from Enlighted, Encelium, Wattstopper, or others.

Wireless & Connected Controls

- Interact Pro Radio Node (RA)
- Interact Pro Connected Sensor (CS)
- Interact Pro Enterprise Sensor Bundle (SB)
- Lutron Athena Sensor AWNS (AS)
- Lutron Athena Node AWRN (AR)
- Lutron Vive Sensor VDO (VS)
- Lutron Vive Node VRF (VR)

Discrete Controls

- Basic Daylight and Occupancy (DO)

Approvals

Certified to UL, CSA, & IES standards.

City of Chicago Approved CCEA (Version C1).

Type IC Rated.

Shine Duo is Declare label certified. More information on the Duo family label can be found on www.declare.living-future.org and through the Declare ID **SGY-0010**.

DLC v6.0 expected 2026 per DLC's new v6.0 standard timeline.

Luminaires that include Interact Pro controls options can help meet the requirements in 90.1-2022, IECC 2021, and CA T24 2022 for a maximum of 20 min. time out for occupancy controls.

Declare.

**Ledalite Architectural Recessed
Luminaires – ArcForm Duo, Pique Duo,
Shine Duo, & SilkSpace Duo
Genlyte Solutions by Signify**

Final Assembly: Langley, British Columbia, Canada; Littlestown, Pennsylvania, USA

Life Expectancy: 20+ Year(s), Warranty 5 Year(s)

End of Life Options: Recyclable (<90%), Landfill (>10%)

Ingredients:

Iron; Aluminum; Small Electrical Components - RoHS Compliant¹; 2-Propenoic acid, 2-methyl-, methyl ester, polymer with ethyl 2-propenoate; Fatty acids, castor-oil, caustic-oxidized, distr. residues, esters with 1,3-butanediol; Polyethylene Terephthalate; Acrylonitrile-Butadiene-Styrene Copolymer; Barium sulfate; 1,3-Benzenedicarboxylic acid, polymer with dimethyl 1,4-benzenedicarboxylate, 2,2-dimethyl-1,3-propanediol, 2-ethyl-2-(hydroxymethyl)-1,3-propanediol and hexanedioic acid; EPOXY RESINS; Rutile (TiO₂); Titanium dioxide; Ethyl acrylate; Copper; Steel; Calcium carbonate; Manganese; Magnesium; Barite (Ba(SO₄)); Silicon; **Polyvinyl chloride; 1,3,5-Triglycidyl-s-triazinetrione**; Amorphous silica; Nickel (Metallic); **Polytetrafluoroethylene**; Chromium, metallic; Graphite; Titanium; Tris(2-ethylhexyl) trimellitate; 1-Propene, polymer with ethene; Methyl methacrylate; Carbon black; Molybdenum; Zinc; Dihydroxypolydimethylsiloxane; POLYOLEFIN; 2-Ethylhexyl acrylate; Talc; Polyethylene; Sulfur, Elemental; Hydrocarbons, C6-20, polymers, hydrogenated; Petroleum resins; Tin, Organic; Pulp, cellulose; **Urethane (Ethyl carbamate)**; Naphthenic oils; Phosphorus; CAS RN 91261653; Calcium Carbonate; Kaolin, calcined; Quartz; Antimony oxide (Antimony trioxide); Siloxanes and Silicones, di-Me, Me vinyl

¹LBC Temp Exception RL-002 - Small Electrical Components

Living Building Challenge Criteria:

I-13 Red List:

- ☐ LBC Red List Free
- ☐ LBC Red List Approved
- ☒ Declared

% Disclosed: 100% at 100ppm

VOC Content: Not Applicable

I-10 Interior Performance: Not Applicable

I-14 Responsible Sourcing: Not Applicable

SGY-0010
EXP. 01 DEC 2026
Original Issue Date: 2025

MANUFACTURER RESPONSIBLE FOR LABEL ACCURACY
INTERNATIONAL LIVING FUTURE INSTITUTE™ living-future.org/declare

Shine Duo Architectural Recessed

Controls Options*

Interact Radio Node for Standalone, Gateway and Gateway + IoT tiers (RA)

- RA is a connected radio node supporting wireless mesh connectivity.

Interact sensor for Standalone, Gateway and Gateway + IoT tiers (CS)

- CS is a connected sensor with integral occupancy and daylight sensing and supports wireless mesh connectivity.
- The sensor can operate in a standalone mode or in a gateway mode.
- Interact includes an App, a portal and a broad portfolio of wireless luminaires, lamps and retrofit kits all working on the same system.
- Startup is implemented via Interact Pro app (Android or iPhone) & Bluetooth connectivity. The app provides flexibility to choose between a gateway or non gateway mode for setup.
- Setup with the gateway requires wired internet access to the gateway.
It is possible to add a gateway at a later point.
- Prepare project configuration steps remotely and use IRT9015 remote onsite to identify and group devices together.
- Compatible with UID8465/10 or UID8465/50 wireless dimmer switches, wireless dimmer switch, SWS200 wireless scene switch, wireless occupancy sensor (OCC0100A/02 BP Sensor WH) and wireless daylight /occupancy sensor (OCC0101A/02 DL BP Sensor WH).
- For more information on Interact visit:
www.interact-lighting.com/en-us/what-is-possible/about-interact

Interact sensor bundles for Gateway + IoT tier (SB)

- SB option, in addition to occupancy and daylight sensing, supports advanced IoT capabilities such as people estimation analysis, desk level temperature & humidity sensing, noise classification, and Bluetooth Low Energy (BLE) beacon.
- Compatible with UID8465/10 or UID8465/50 wireless dimmers switches, SWS200 wireless scene switch, wireless occupancy sensor (OCC0100A/02 BP Sensor WH) and wireless daylight/occupancy sensor (OCC0101A/02 DL BP Sensor WH).
- Use Interact software and insights to increase building efficiency, achieve building wide integration and optimize space through occupancy analytics.
- Requires compatible gateway and internet connectivity for commissioning. For more information, visit: www.interact-lighting.com/office

Tunable White & BioUp

- Tunable white options are available with Interact wireless, Lutron Athena wireless, and 2ch 0-10V wired drivers. Please inquire about BioUp options and driver options such as DALI-2 DT6 or DMX control (extended lead times may apply).
- Signify tunable white solutions are designed to help maximize the influence of lighting on your daily life.
- Signify BioUp helps support daytime circadian rhythm for engagement during the day and good sleep quality at night.
- Dynamic behaviors via scheduled lighting recipes mimicking daylight patterns or supporting biorhythms.
- Scene setting via lighting pre-sets based on various combinations of lighting color temperature and intensity.

Interact Pro scalable sensor option codes across Genlyte product lines*

	Evokit	Day-Brite	Ledalite	Lightolier
Zigbee + Bluetooth	RADIO	RADIO	RA	RA
Zigbee + Bluetooth + Sensing	SWZCS	SWZCS	CS	SBA accessory (external)
Zigbee + Bluetooth + Sensing + Environmental data	IAOSB	IAOSB	SB	SB
Zigbee + Highbay + Sensing	-	SWZCSH	-	-

Shine Duo Architectural Recessed

Functionalities overview

The three tiers of Interact			
	Standalone	Gateway	Gateway + IoT
Dimming, grouping, and zoning	✓	✓	✓
Bluetooth and ZigBee enabled	✓	✓	✓
Motion sensing and daylight harvesting	✓	✓	✓
Integration with 0-10V and phase dimming fixtures	✓	✓	✓
Code compliance	✓	✓	✓
Granular dimming and dwell time	✓	✓	✓
New Correlated color temperature (CCT) tuning by switch	✓	✓	✓
New Support for sensor-based Tunable White luminaires	✓	✓	✓
Energy reporting and monitoring		✓	✓
Scheduling		✓	✓
Demand response		✓	✓
BMS integration (BACnet)			✓
Floor plan visualization			✓
IoT sensors for wellness			✓
IoT Apps for productivity			✓

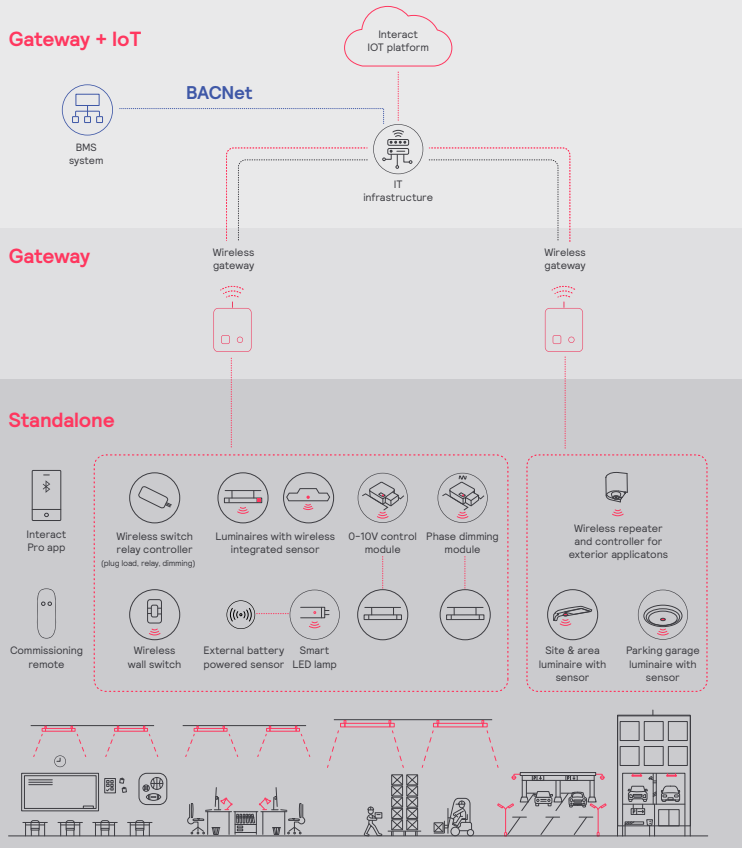
Currently supported maximum system size

To be able to design the lighting system correctly for the customer, it is important to know the prime characteristics of the system, its possibilities and limitations.

System level	
Total number of gateways	Unlimited
Total number of devices	200 per network
• luminaires with integrated sensors	150
• smart TLEDs	150
Total number of ZGP devices (sensors and switches)	50
• sensors	30
• switches	50
• zones and groups	64
Group level	
Recommended number of lights	40 (recommended 25)
Number of ZGP devices	5
Number of scenes	16

Interact system architecture for office, education, healthcare, retail, industrial and parking applications

Gateway + IoT



Shine Duo Architectural Recessed

Colorimetry

Shine Duo – AccuRender Static White

Nominal CRI & CCT		CRI 90+, 2700K	CRI 90+, 3000K	CRI 90+, 3500K	CRI 90+, 4000K	CRI 90+, 5000K
CIE 013.3-1995 ¹	CRI R _a	93	93	97	93	94
	R ₉	54	61	82	66	89
	G _a	97	97	100	97	98
	C ₉	92	93	97	94	98
IES TM-30-18 ²	R _f	89	90	91	88	88
	R _{f,h1}	87	89	92	88	89
	R _g	97	98	99	97	97
	R _{cs, h1}	-6%	-6%	-4%	-6%	-4%
MDER ³		0.40	0.51	0.59	0.67	0.86

Shine Duo – AccuRender Tunable White

Nominal CRI & CCT		CRI 90+, 2700K	CRI 90+, 3000K	CRI 90+, 3500K	CRI 90+, 4000K	CRI 90+, 5000K	CRI 90+, 6500K
CIE 013.3-1995 ¹	CRI R _a	93	94	95	95	94	92
	R ₉	58	67	77	83	84	72
	G _a	98	99	100	100	98	95
	C ₉	93	94	96	97	97	94
IES TM-30-18 ²	R _f	90	90	90	89	89	87
	R _{f,h1}	89	90	90	90	89	86
	R _g	98	99	99	98	98	95
	R _{cs, h1}	-6%	-5%	-4%	-4%	-4%	-6%
MDER ³		0.44	0.52	0.63	0.71	0.84	0.99

1. Color Rendering Index (CRI Ra) and Strong Red (R9) are calculated in accordance with CIE 013.3-1995. Color Gamut index (Ga) and red chroma Index (C9) are CIE based properties using the Global Lighting Association's calculation tool.
2. Fidelity Index (Rf), Red Fidelity Index (Rf,h1), Gamut Index (Rg), and Red Local Chroma Shift (Rcs,h1) are calculated in accordance with IES TM-30-18.-18.
3. Melanopic Daylight Efficacy Ratio (MDER) is the measure for "spectral melanopic efficiency" as defined in CIE S 026-2018.

Shine Duo Architectural Recessed

Photometry

Shine Duo 2'x2' Silk (Lambertian)

Click "PDF" or "IES" text to download

Nominal CRI & CCT			CRI 90+, 2700K						CRI 90+, 3000K						CRI 90+, 3500K						CRI 90+, 4000K						CRI 90+, 5000K						CRI 90+, 6500K					
Lumen Package		Watts (W)	Flux (lm) ¹	Efficacy (LPW)	UGR ²	Photometry Report	IES File	Flux (lm) ¹	Efficacy (LPW)	UGR ²	Photometry Report	IES File	Flux (lm) ¹	Efficacy (LPW)	UGR ²	Photometry Report	IES File	Flux (lm) ¹	Efficacy (LPW)	UGR ²	Photometry Report	IES File	Flux (lm) ¹	Efficacy (LPW)	UGR ²	Photometry Report	IES File	Flux (lm) ¹	Efficacy (LPW)	UGR ²	Photometry Report	IES File						
Static White	5000	40	4800	119	21	PDF	IES	4816	119	21	PDF	IES	4990	124	21	PDF	IES	5120	127	21	PDF	IES	5073	126	21	PDF	IES											
	4500	36	4315	120	21	PDF	IES	4331	121	21	PDF	IES	4492	125	21	PDF	IES	4603	128	21	PDF	IES	4561	127	21	PDF	IES											
	4000	32	3830	122	20	PDF	IES	3846	122	20	PDF	IES	3992	127	20	PDF	IES	4087	130	21	PDF	IES	4048	129	21	PDF	IES											
	3500	27	3345	122	20	PDF	IES	3361	123	20	PDF	IES	3491	127	20	PDF	IES	3571	130	20	PDF	IES	3536	129	20	PDF	IES											
	3000	23	2866	123	19	PDF	IES	2882	124	19	PDF	IES	2995	129	19	PDF	IES	3062	131	20	PDF	IES	3030	130	20	PDF	IES											
	2500	19	2382	124	19	PDF	IES	2398	125	19	PDF	IES	2492	130	19	PDF	IES	2547	133	19	PDF	IES	2520	131	19	PDF	IES											
	2000	15	1905	124	18	PDF	IES	1919	125	18	PDF	IES	1995	130	18	PDF	IES	2039	132	18	PDF	IES	2016	131	18	PDF	IES											
Tunable White	4500	42	4488	105	21	PDF	IES	4488	106	21	PDF	IES	4488	106	21	PDF	IES	4488	107	21	PDF	IES	4488	108	21	PDF	IES	4488	109	21	PDF	IES						
	4000	36	3990	108	20	PDF	IES	3990	108	20	PDF	IES	3990	109	20	PDF	IES	3990	109	20	PDF	IES	3990	110	20	PDF	IES	3990	111	20	PDF	IES						
	3500	31	3493	110	20	PDF	IES	3493	111	20	PDF	IES	3493	111	20	PDF	IES	3493	112	20	PDF	IES	3493	112	20	PDF	IES	3493	113	20	PDF	IES						
	3000	26	2994	112	19	PDF	IES	2994	113	19	PDF	IES	2994	113	19	PDF	IES	2994	114	19	PDF	IES	2994	115	19	PDF	IES	2994	116	19	PDF	IES						
	2500	22	2495	114	19	PDF	IES	2495	114	19	PDF	IES	2495	115	19	PDF	IES	2495	115	19	PDF	IES	2495	116	19	PDF	IES	2495	117	19	PDF	IES						
	2000	17	1995	115	18	PDF	IES	1995	115	18	PDF	IES	1995	115	18	PDF	IES	1995	116	18	PDF	IES	1995	116	18	PDF	IES	1995	117	18	PDF	IES						

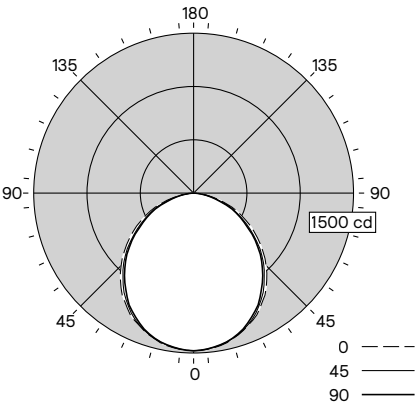
Shine Duo 2'x2' MesoOptics (Batwing)

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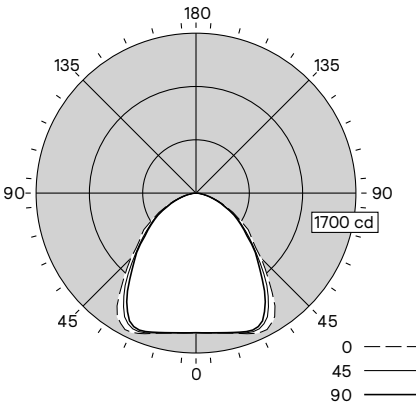
Nominal CRI & CCT			CRI 90+, 2700K						CRI 90+, 3000K						CRI 90+, 3500K						CRI 90+, 4000K						CRI 90+, 5000K						CRI 90+, 6500K					
Lumen Package		Watts (W)	Flux (lm) ¹	Efficacy (LPW) ¹	UGR ²	Photometry Report	IES File	Flux (lm) ¹	Efficacy (LPW) ¹	UGR ²	Photometry Report	IES File	Flux (lm) ¹	Efficacy (LPW) ¹	UGR ²	Photometry Report	IES File	Flux (lm) ¹	Efficacy (LPW) ¹	UGR ²	Photometry Report	IES File	Flux (lm) ¹	Efficacy (LPW) ¹	UGR ²	Photometry Report	IES File	Flux (lm) ¹	Efficacy (LPW) ¹	UGR ²	Photometry Report	IES File						
Static White	5000	42	4910	116	19	PDF	IES	4924	116	19	PDF	IES	5101	121	19	PDF	IES	5236	124	20	PDF	IES	5189	123	19	PDF	IES											
	4500	38	4418	118	19	PDF	IES	4433	118	19	PDF	IES	4596	122	19	PDF	IES	4712	125	19	PDF	IES	4669	124	19	PDF	IES											
	4000	33	3920	119	18	PDF	IES	3936	119	19	PDF	IES	4083	124	19	PDF	IES	4183	127	19	PDF	IES	4143	126	19	PDF	IES											
	3500	29	3416	120	18	PDF	IES	3432	120	18	PDF	IES	3563	125	18	PDF	IES	3647	128	18	PDF	IES	3611	127	18	PDF	IES											
	3000	24	2907	121	17	PDF	IES	2923	121	17	PDF	IES	3036	126	18	PDF	IES	3105	129	18	PDF	IES	3073	128	18	PDF	IES											
	2500	20	2392	121	17	PDF	IES	2407	122	17	PDF	IES	2501	127	17	PDF	IES	2557	130	17	PDF	IES	2530	128	17	PDF	IES											
	2000	15	1871	122	16	PDF	IES	1885	122	16	PDF	IES	2001	130	16	PDF	IES	2003	130	16	PDF	IES	1980	129	16	PDF	IES											
Tunable White	4500	43	4500	103	19	PDF	IES	4500	103	19	PDF	IES	4500	104	19	PDF	IES	4500	104	19	PDF	IES	4500	105	19	PDF	IES	4500	106	19	PDF	IES						
	4000	37	4001	106	19	PDF	IES	4001	106	19	PDF	IES	4001	107	19	PDF	IES	4001	107	19	PDF	IES	4001	108	19	PDF	IES	4001	109	19	PDF	IES						
	3500	32	3502	108	18	PDF	IES	3502	108	18	PDF	IES	3502	109	18	PDF	IES	3502	109	18	PDF	IES	3502	110	18	PDF	IES	3502	111	18	PDF	IES						
	3000	27	3002	110	18	PDF	IES	3002	110	18	PDF	IES	3002	111	18	PDF	IES	3002	112	18	PDF	IES	3002	112	18	PDF	IES	3002	113	18	PDF	IES						
	2500	22	2502	112	17	PDF	IES	2502	112	17	PDF	IES	2502	113	17	PDF	IES	2502	113	17	PDF	IES	2502	114	17	PDF	IES	2502	115	17	PDF	IES						
	2000	18	2000	112	16	PDF	IES	2000	113	16	PDF	IES	2000	113	16	PDF	IES	2000	114	16	PDF	IES	2000	114	16	PDF	IES	2000	115	16	PDF	IES						

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Silk (Lambertian)



MesoOptics (Batwing)



Shine Duo Architectural Recessed

Photometry

Shine Duo 2'x4' Silk (Lambertian)

Click "PDF" or "IES" text to download

Nominal CRI & CCT			CRI 90+, 2700K						CRI 90+, 3000K						CRI 90+, 3500K						CRI 90+, 4000K						CRI 90+, 5000K						CRI 90+, 6500K					
Lumen Package		Watts (W)	Flux (lm) ¹	Efficacy (LPW) ²	UGR ²	Photometry Report	IES File	Flux (lm) ¹	Efficacy (LPW) ²	UGR ²	Photometry Report	IES File	Flux (lm) ¹	Efficacy (LPW) ²	UGR ²	Photometry Report	IES File	Flux (lm) ¹	Efficacy (LPW) ²	UGR ²	Photometry Report	IES File	Flux (lm) ¹	Efficacy (LPW) ²	UGR ²	Photometry Report	IES File	Flux (lm) ¹	Efficacy (LPW) ²	UGR ²	Photometry Report	IES File						
Static White	8000	65	7740	120	20	PDF	IES	7978	123	20	PDF	IES	8132	126	20	PDF	IES	8379	130	20	PDF	IES	8131	126	20	PDF	IES											
	7500	60	7258	121	20	PDF	IES	7477	124	20	PDF	IES	7623	127	20	PDF	IES	7855	131	20	PDF	IES	7622	127	20	PDF	IES											
	7000	56	6772	122	20	PDF	IES	6972	125	20	PDF	IES	7109	128	20	PDF	IES	7326	132	20	PDF	IES	7108	128	20	PDF	IES											
	6500	52	6281	122	19	PDF	IES	6463	125	20	PDF	IES	6591	128	20	PDF	IES	6792	132	20	PDF	IES	6590	128	20	PDF	IES											
	6000	47	5785	123	19	PDF	IES	5949	127	19	PDF	IES	6068	129	19	PDF	IES	6253	133	19	PDF	IES	6067	129	19	PDF	IES											
	5500	43	5284	123	19	PDF	IES	5430	126	19	PDF	IES	5541	129	19	PDF	IES	5710	133	19	PDF	IES	5539	129	19	PDF	IES											
	5000	39	4779	124	18	PDF	IES	4907	127	19	PDF	IES	5009	130	19	PDF	IES	5162	134	19	PDF	IES	5007	130	19	PDF	IES											
	4500	34	4268	125	18	PDF	IES	4380	128	18	PDF	IES	4472	131	18	PDF	IES	4609	135	18	PDF	IES	4471	131	18	PDF	IES											
	4000	30	3753	126	18	PDF	IES	3848	129	18	PDF	IES	3930	132	18	PDF	IES	4051	136	18	PDF	IES	3929	132	18	PDF	IES											
Tunable White	5000	43	5001	115	19	PDF	IES	5001	115	19	PDF	IES	5001	116	19	PDF	IES	5001	116	19	PDF	IES	5001	117	19	PDF	IES	5001	118	19	PDF	IES						
	4500	38	4501	117	18	PDF	IES	4501	117	18	PDF	IES	4501	118	18	PDF	IES	4501	118	18	PDF	IES	4501	119	18	PDF	IES	4501	120	18	PDF	IES						
	4000	34	4001	118	18	PDF	IES	4001	118	18	PDF	IES	4001	119	18	PDF	IES	4001	119	18	PDF	IES	4001	120	18	PDF	IES	4001	121	18	PDF	IES						

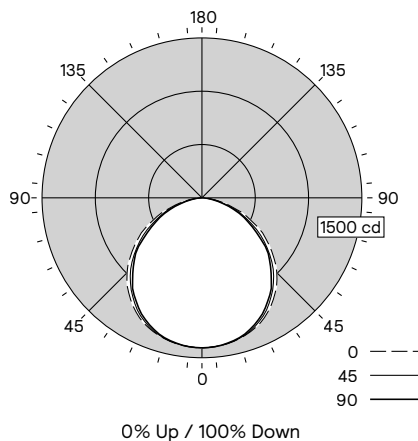
Shine Duo 2'x4' MesoOptics (Batwing)

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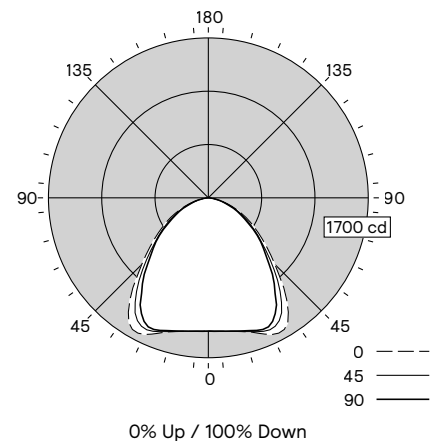
Nominal CRI & CCT			CRI 90+, 2700K						CRI 90+, 3000K						CRI 90+, 3500K						CRI 90+, 4000K						CRI 90+, 5000K						CRI 90+, 6500K					
Lumen Package		Watts (W)	Flux (lm) ¹	Efficacy (LPW) ¹	UGR ²	Photometry Report	IES File	Flux (lm) ¹	Efficacy (LPW) ¹	UGR ²	Photometry Report	IES File	Flux (lm) ¹	Efficacy (LPW) ¹	UGR ²	Photometry Report	IES File	Flux (lm) ¹	Efficacy (LPW) ¹	UGR ²	Photometry Report	IES File	Flux (lm) ¹	Efficacy (LPW) ¹	UGR ²	Photometry Report	IES File	Flux (lm) ¹	Efficacy (LPW) ¹	UGR ²	Photometry Report	IES File						
Static White	8000	63	7622	121	18	PDF	IES	7855	125	18	PDF	IES	8008	127	18	PDF	IES	8251	131	19	PDF	IES	8006	127	18	PDF	IES											
	7500	59	7152	122	18	PDF	IES	7366	126	18	PDF	IES	7510	128	18	PDF	IES	7739	132	18	PDF	IES	7509	128	18	PDF	IES											
	7000	54	6677	123	18	PDF	IES	6873	127	18	PDF	IES	7009	129	18	PDF	IES	7222	133	18	PDF	IES	7007	129	18	PDF	IES											
	6500	50	6203	123	18	PDF	IES	6381	127	18	PDF	IES	6508	129	18	PDF	IES	6707	133	18	PDF	IES	6507	129	18	PDF	IES											
	6000	46	5724	124	17	PDF	IES	5885	128	17	PDF	IES	6004	131	17	PDF	IES	6187	135	18	PDF	IES	6002	131	17	PDF	IES											
	5500	42	5252	124	17	PDF	IES	5397	128	17	PDF	IES	5507	130	17	PDF	IES	5674	134	17	PDF	IES	5505	130	17	PDF	IES											
	5000	38	4776	125	17	PDF	IES	4904	128	17	PDF	IES	5005	131	17	PDF	IES	5158	135	17	PDF	IES	5004	131	17	PDF	IES											
	4500	34	4301	126	16	PDF	IES	4413	129	16	PDF	IES	4506	132	16	PDF	IES	4644	136	17	PDF	IES	4505	132	16	PDF	IES											
	4000	30	3822	127	16	PDF	IES	3919	130	16	PDF	IES	4003	133	16	PDF	IES	4126	137	16	PDF	IES	4002	133	16	PDF	IES											
Tunable White	5000	43	5005	116	17	PDF	IES	5005	116	17	PDF	IES	5005	117	17	PDF	IES	5005	117	17	PDF	IES	5005	118	17	PDF	IES	5005	119	17	PDF	IES						
	4500	38	4505	118	16	PDF	IES	4505	118	16	PDF	IES	4505	119	16	PDF	IES	4505	119	16	PDF	IES	4505	120	16	PDF	IES	4505	121	16	PDF	IES						
	4000	33	4004	119	16	PDF	IES	4004	119	16	PDF	IES	4004	120	16	PDF	IES	4004	120	16	PDF	IES	4004	121	16	PDF	IES	4004	122	16	PDF	IES						

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Silk (Lambertian)



MesoOptics (Batwing)



Shine Duo Architectural Recessed

Photometry

Shine Duo 1'x4' Silk (Lambertian)

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Nominal CRI & CCT			CRI 90+, 2700K						CRI 90+, 3000K						CRI 90+, 3500K						CRI 90+, 4000K						CRI 90+, 5000K						CRI 90+, 6500K					
Lumen Package		Watts (W)	Flux (lm) ¹	Efficacy (LPW) ¹	UGR ²	Photometry Report	IES File	Flux (lm) ¹	Efficacy (LPW) ¹	UGR ²	Photometry Report	IES File	Flux (lm) ¹	Efficacy (LPW) ¹	UGR ²	Photometry Report	IES File	Flux (lm) ¹	Efficacy (LPW) ¹	UGR ²	Photometry Report	IES File	Flux (lm) ¹	Efficacy (LPW) ¹	UGR ²	Photometry Report	IES File	Flux (lm) ¹	Efficacy (LPW) ¹	UGR ²	Photometry Report	IES File						
Static White	5000	49	4658	95	20	PDF	IES	4774	97	20	PDF	IES	5005	102	21	PDF	IES	5045	103	21	PDF	IES	4918	100	20	PDF	IES											
	4500	44	4202	96	20	PDF	IES	4302	98	20	PDF	IES	4507	102	20	PDF	IES	4545	103	20	PDF	IES	4431	101	20	PDF	IES											
	4000	39	3742	97	20	PDF	IES	3827	99	20	PDF	IES	4006	104	20	PDF	IES	4042	104	20	PDF	IES	3941	102	20	PDF	IES											
	3500	33	3282	98	19	PDF	IES	3353	100	19	PDF	IES	3507	105	19	PDF	IES	3541	106	19	PDF	IES	3453	103	19	PDF	IES											
	3000	28	2818	99	19	PDF	IES	2877	101	19	PDF	IES	3006	106	19	PDF	IES	3037	107	19	PDF	IES	2961	104	19	PDF	IES											
	2500	24	2351	100	18	PDF	IES	2397	102	18	PDF	IES	2503	107	18	PDF	IES	2530	108	18	PDF	IES	2467	105	18	PDF	IES											
	2000	19	1885	102	17	PDF	IES	1920	104	17	PDF	IES	2002	108	17	PDF	IES	2025	110	17	PDF	IES	1976	107	17	PDF	IES											
Tunable White	4000	44	3929	87	20	PDF	IES	3929	87	20	PDF	IES	3929	88	20	PDF	IES	3929	89	20	PDF	IES	3929	90	20	PDF	IES	3929	92	20	PDF	IES						
	3500	38	3504	89	19	PDF	IES	3504	90	19	PDF	IES	3504	91	19	PDF	IES	3504	91	19	PDF	IES	3504	93	19	PDF	IES	3504	94	19	PDF	IES						
	3000	32	3004	92	19	PDF	IES	3004	92	19	PDF	IES	3004	93	19	PDF	IES	3004	94	19	PDF	IES	3004	95	19	PDF	IES	3004	96	19	PDF	IES						
	2500	26	2503	94	18	PDF	IES	2503	95	18	PDF	IES	2503	95	18	PDF	IES	2503	96	18	PDF	IES	2503	97	18	PDF	IES	2503	98	18	PDF	IES						
	2000	21	2003	96	17	PDF	IES	2003	96	17	PDF	IES	2003	97	17	PDF	IES	2003	98	17	PDF	IES	2003	98	17	PDF	IES	2003	100	17	PDF	IES						

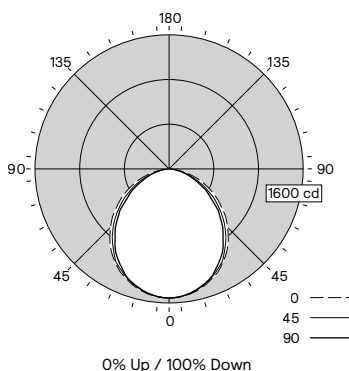
Shine Duo 1'x4' MesoOptics (Batwing)

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Nominal CRI & CCT			CRI 90+, 2700K						CRI 90+, 3000K						CRI 90+, 3500K						CRI 90+, 4000K						CRI 90+, 5000K						CRI 90+, 6500K					
Lumen Package		Watts (W)	Flux (lm) ¹	Efficacy (LPW) ¹	UGR ²	Photometry Report	IES File	Flux (lm) ¹	Efficacy (LPW) ¹	UGR ²	Photometry Report	IES File	Flux (lm) ¹	Efficacy (LPW) ¹	UGR ²	Photometry Report	IES File	Flux (lm) ¹	Efficacy (LPW) ¹	UGR ²	Photometry Report	IES File	Flux (lm) ¹	Efficacy (LPW) ¹	UGR ²	Photometry Report	IES File	Flux (lm) ¹	Efficacy (LPW) ¹	UGR ²	Photometry Report	IES File						
Static White	5000	46	4666	101	19	PDF	IES	4780	104	19	PDF	IES	5012	109	19	PDF	IES	5055	110	19	PDF	IES	4923	107	19	PDF	IES											
	4500	41	4205	102	19	PDF	IES	4303	104	19	PDF	IES	4509	109	19	PDF	IES	4550	110	19	PDF	IES	4432	107	19	PDF	IES											
	4000	36	3745	103	18	PDF	IES	3829	106	18	PDF	IES	4009	110	18	PDF	IES	4048	112	19	PDF	IES	3942	109	18	PDF	IES											
	3500	31	3282	105	18	PDF	IES	3352	107	18	PDF	IES	3507	112	18	PDF	IES	3543	113	18	PDF	IES	3451	110	18	PDF	IES											
	3000	27	2820	106	17	PDF	IES	2878	108	17	PDF	IES	3009	113	17	PDF	IES	3042	114	18	PDF	IES	2962	111	17	PDF	IES											
	2500	22	2351	107	17	PDF	IES	2397	109	17	PDF	IES	2505	114	17	PDF	IES	2533	115	17	PDF	IES	2467	112	17	PDF	IES											
	2000	17	1884	108	16	PDF	IES	1919	110	16	PDF	IES	2005	115	16	PDF	IES	2029	117	16	PDF	IES	1975	114	16	PDF	IES											
Tunable White	4000	44	4005	89	18	PDF	IES	4005	90	18	PDF	IES	4005	91	18	PDF	IES	4005	91	18	PDF	IES	4005	93	18	PDF	IES	4005	94	18	PDF	IES	4005	94	18	PDF	IES	
	3500	37	3505	92	18	PDF	IES	3505	93	18	PDF	IES	3505	94	18	PDF	IES	3505	94	18	PDF	IES	3505	95	18	PDF	IES	3505	97	18	PDF	IES	3505	97	18	PDF	IES	
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	2500	25	2504	97	17	PDF	IES	2504	97	17	PDF	IES	2504	98	17	PDF	IES	2504	99	17	PDF	IES	2504	100	17	PDF	IES	2504	101	17	PDF	IES	2504	101	17	PDF	IES	
	2000	20	2003	98	16	PDF	IES	2003	99	16	PDF	IES	2003	100	16	PDF	IES	2003	100	16	PDF	IES	2003	101	16	PDF	IES	2003	102	16	PDF	IES	2003	102	16	PDF	IES	

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Silk (Lambertian)



MesoOptics (Batwing)

