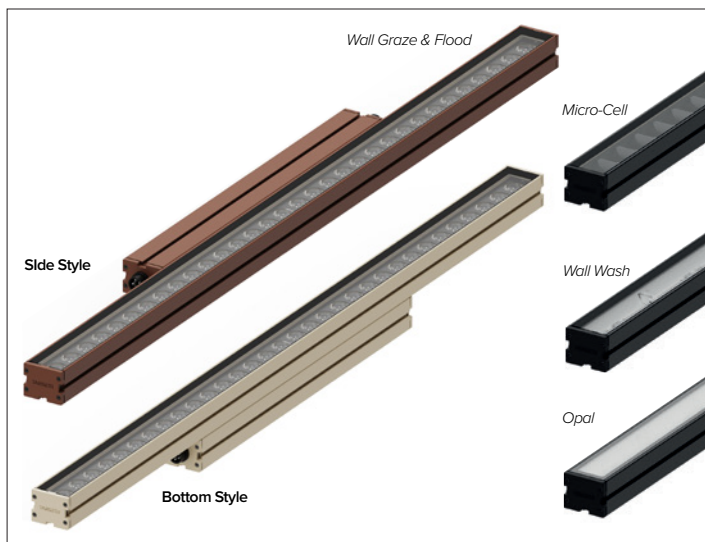
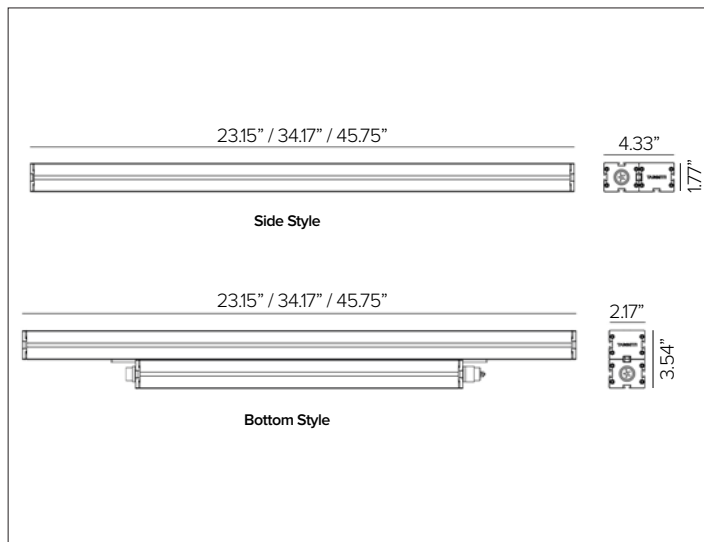


JEDI NOVA 55 PROJECTOR (2")

Linear LED Floodlight Projector with Remote Driver



Left to right: Burnished Copper, Florentine White, Black Anodized finishes.



CONCEPT

Powerful compact adjustable linear LED projector floodlight.

MECHANICAL CHARACTERISTICS

Housing	3.54\"D X 2.17\"W
Materials	Extruded anodized aluminum 15μ body with extra clear 5mm thick flat glass.
Finish	● Black Anodized ● Burnished Copper ● Florentine White
Power Connection	Integral driver housed in metal compartment on either underside or side with field service accessibility. Cabled with 10ft direct burial cable with quick disconnect. Lead and Solo configurations provided with 10ft lead cable.
Mounting	To be completed with surface mounting bracket, see available options. Mountings are able to be secured in multiple locations along fixture body extrusion.
Weight	7lbs (23.15\") / 9.7lbs (34.17\") / 10.36lbs (44.75\")
Protection	IP68 / IP69K
Impact	IK07

CERTIFICATIONS

cULus Wet Location Listed
Tested in accordance with LM-79-08.
Compliant for California installations.
IEC 62471
RoHS3 EU 215/863

WARRANTY

5 year limited warranty

^A Fixture body suitable for use in marine grade environments. Trim will need to be maintained and cleaned regularly to avoid mineral deposits. Not to be in direct contact with salt or corrosive agents for extended periods of time.

SUSTAINABILITY

Luminaire designed for disposal/recycling at end-of-life. Replaceable LED light source and control gear by a Targetti technician.

ELECTRICAL CHARACTERISTICS

Power Supply	Integrated 4/1 smart driver (Non-Dimmable / 0-10V / Reverse Phase / Forward Phase) or DALI dimmable driver.
Wattage	SP 10\"x10\" / WG 10\"x40\" / WG 10\"x60\" / WG 10\"x120\" / FL 30\": 35W (23.15\"L) / 52W (34.17\"L) / 70W (45.75\"L) WW / Oval FL 20\"x75\": 23W (23.15\"L) / 34W (34.17\"L) / 46W (45.75\"L) MC 60\" / MC 75\": 27W (23.15\"L) / 40W (34.17\"L) / 53W (45.75\"L) Opal: 11W (23.15\"L) / 16W (34.17\"L) / 21W (45.75\"L) <i>Wattages shown under individual photometry graphs</i>
Voltage	Universal Voltage 120-277V AC 50/60Hz
Ambient Temp.	-25°C / +40°C (104°F)

SOURCE

Linear high efficiency LED board.

TM30	CCT (Nominal)	CRI
	2200K	80
	2700K	80
	3000K	80
	3500K	80
	4000K	80

Ra90 available upon request

OPTIC

Optical system is dependent on beam angle. WW / Oval FL 20\"x75\" version comprised of cylindrical lens in PMMA, a high reflectance anodized aluminum reflector and a holographic filter. SP 10\"x10\" / WG 10\"x40\" / WG 10\"x60\" / WG 10\"x120\" / FL 30\" versions comprised of PMMA TIR lenses and a holographic filter. MC 60\" / MC 75\" versions comprised of micro-cell optic made of polished black anti-reflective polycarbonate and PMMA lens. OP version comprised of white painted aluminum and a opal diffusive filter.

Beam	WW 29\"x75\"	OV 20\"x75\"	WG 10\"x40\"	WG 10\"x60\"	WG 10\"x120\"	SP 12\"	FL 30\"	MC 60\"	MC 75\"	OP
Delivered Lumens	2200K 2,369	2,355	3,033	2,970	2,725	3,063	2,968	2,245	2,337	816
	2700K 2,680	2,665	3,417	3,346	3,070	3,451	3,344	2,540	2,644	921
	3000K 2,772	2,756	3,496	3,423	3,140	3,531	3,420	2,627	2,735	952
	4000K 2,931	2,914	3,688	3,611	3,313	3,725	3,608	2,777	2,891	1,001

Data represents 23.15\"/>

Efficacy 128lm/W max. Refer to photometric graphs for specific values.

Photobiological Classification Low risk safety RG1

Diagram illustrating the structure of a Nameplate (NP) with 12 slots. Slots 1 through 9 are required. Slots 10 and 11 are optional. Slot 12 is required. Example: NP5B412BWW30S / A108BT.

^c HC optical accessory compatible only with FL / SP optics.

Lens Optic:

SP 12° / WG 10°x40° / WG 10°x60° / WG 10°x120° / FL 30° OPTICS ONLY



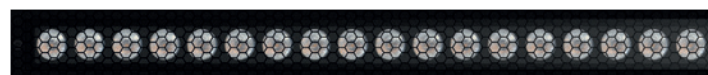
Linear Hybrid Optic:

WW OPTIC ONLY



Opal Lens:

OP Direct View OPTIC ONLY



Lens Optic with Honeycomb Louver:

SP 12° / FL 30° OPTICS ONLY



Linear Hybrid Optic Linear Louver:

OVAL FL 20°x75° OPTIC ONLY



Linear Hybrid Optic:

Oval FL 20°X75°



Micro-Cell Optic:

MC 60° / MC 75° OPTICS ONLY



Lens Optic with Linear Louver:

WG 10°x40° / WG 10°x60° / WG 10°x120° OPTICS ONLY



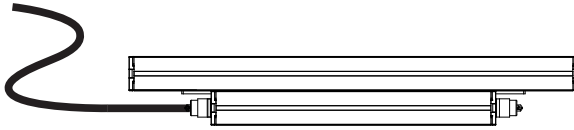
Linear Hybrid Optic with Linear Louver:

WW OPTIC ONLY

JEDI NOVA 55 PROJECTOR (2")

9 – CONNECTION TYPE

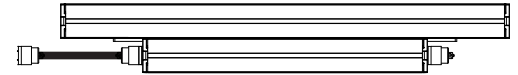
10ft lead cable
120-277V Input



LEAD – 10ft SJ00W lead cable with IP68 connector included.

Connection Type **L**

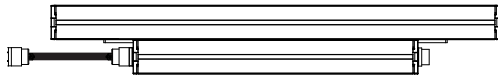
120-277V Input



CENTER – 32" SJ00W jumper cable with IP68 connectors.

Connection Type **C**

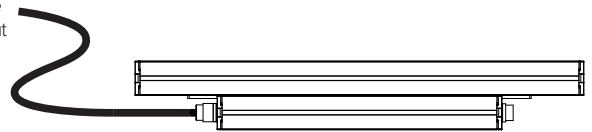
120-277V Input



END – 32" SJ00W jumper cable with IP68 connector and additional cap for dead end.

Connection Type **E**

10ft lead cable
120-277V Input



SOLO – 10ft SJ00W lead cable with IP68 connector and additional cap for dead end.

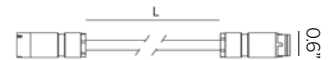
Connection Type **S**

11 – WIRING ACCESSORIES (REQUIRED)



Lead wire connection cable with Female IP68 connector. **(REQUIRED PER RUN)**

Length	10ft	25ft
Part No.	1USA11710	1USA11725



Jumper connection cable with Male/Female IP68 connectors. **(OPTIONAL)**

Length	3.28ft (1M)	6.56ft (2M)	9.84ft (3M)
Part No.	A120Z	A120Y	A120X

JEDI NOVA 55 PROJECTOR (2")

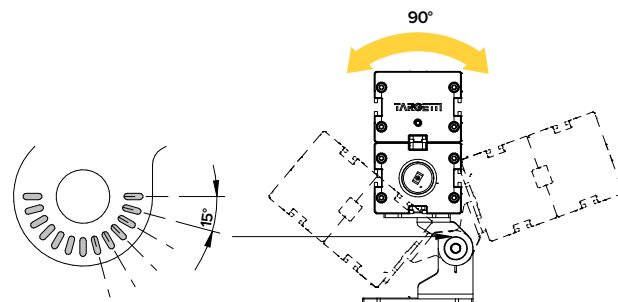
12 – MOUNTING (REQUIRED)



JEDI NOVA Projector fixed surface mount bracket, 2pcs kit. Powder-coated stainless steel.

Finish ● Black

Part No. **A108BT**



JEDI NOVA Projector surface mount adjustable short bracket, 2pcs kit. Powder-coated stainless steel. Rotation: +/- 90°

Finish ● Black ● Burnished Copper ● Florentine White

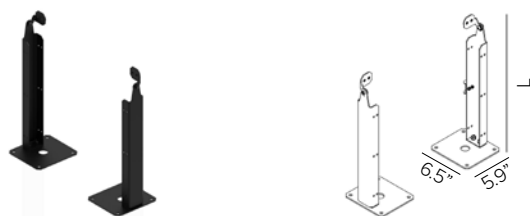
Part No. **A109BT** **A109BC** **A109FW**



JEDI NOVA Projector surface mount adjustable bracket, 2pcs kit. Powder-coated stainless steel. Rotation: +/- 90°

Finish ● Black ● Burnished Copper ● Florentine White

Part No. **A110BT** **A110BC** **A110FW**



JEDI NOVA Projector surface mount adjustable long bracket, 2pc kit. Powder-coated stainless steel. Rotation: +/- 90°

Finish Length ● Black ● Burnished Copper ● Florentine White

Part No. 12.00" **A111ZBT** **A111ZBC** **A111ZFW**

17.84" **A111YBT** **A111YBC** **A111YFW**

23.74" **A111XBT** **A111XBC** **A111XFW**



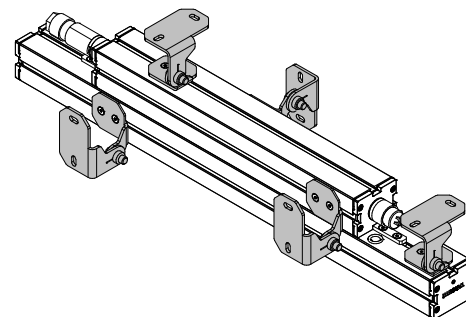
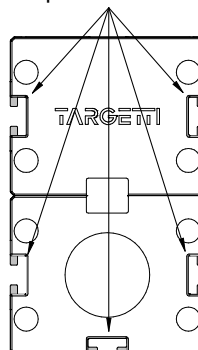
JEDI NOVA Projector earth-spike, 2pcs. Powder-coated stainless steel.

Note: To be used in combination with A108, A109, or A110.

Finish ● Black

Part No. **A112**

Bracket Fixing
Optional Locations

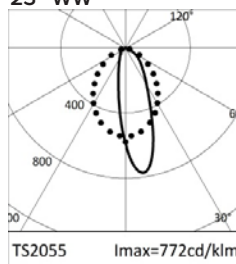


JEDI NOVA 55 PROJECTOR (2")

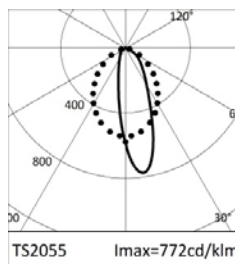
PHOTOMETRY

IES FILES WATTAGE AND EFFICIENCY CALCULATIONS BASED WITH SUPPLIED DRIVER

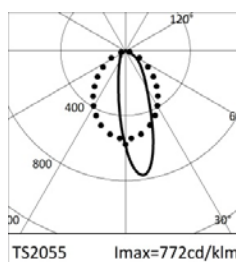
23" WW



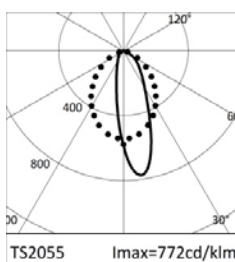
	2200K	H(m)	D1(m)	D2(m)	Emax(lx)
	Ra80		29°	75°	
Fixture Power	23W	1	0.52	1.54	2326
Source Flux	3100lm	2	1.05	3.08	582
Fixture Flux	2369lm	3	1.57	4.62	258
Efficacy	103lm/W	4	2.10	6.16	145
TS2055	I _{max} =772cd/klm	I _{max}	2392cd	5	2.62 7.70 93



	2700K	H(m)	D1(m)	D2(m)	Emax(lx)
	Ra80		29°	75°	
Fixture Power	23W	1	0.52	1.54	2633
Source Flux	3508lm	2	1.05	3.08	658
Fixture Flux	2680lm	3	1.57	4.62	293
Efficacy	117lm/W	4	2.10	6.16	165
TS2055	I _{max} =772cd/klm	I _{max}	2707cd	5	2.62 7.70 105

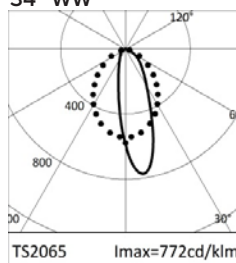


	3000K	H(m)	D1(m)	D2(m)	Emax(lx)
	Ra80		29°	75°	
Fixture Power	23W	1	0.52	1.54	2723
Source Flux	3628lm	2	1.05	3.08	681
Fixture Flux	2772lm	3	1.57	4.62	303
Efficacy	121lm/W	4	2.10	6.16	170
TS2055	I _{max} =772cd/klm	I _{max}	2800cd	5	2.62 7.70 109

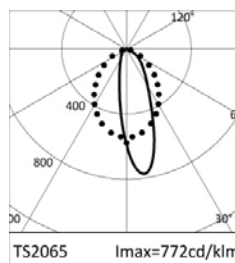


	4000K	H(m)	D1(m)	D2(m)	Emax(lx)
	Ra80		29°	75°	
Fixture Power	23W	1	0.52	1.54	2879
Source Flux	3836lm	2	1.05	3.08	720
Fixture Flux	2931lm	3	1.57	4.62	320
Efficacy	128lm/W	4	2.10	6.16	180
TS2055	I _{max} =772cd/klm	I _{max}	2960cd	5	2.62 7.70 115

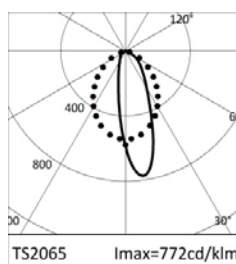
34" WW



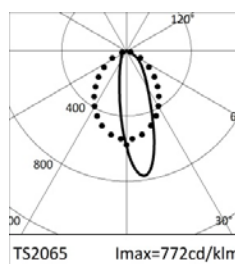
	2200K	H(m)	D1(m)	D2(m)	Emax(lx)
	Ra80		29°	75°	
Fixture Power	34W	1	0.52	1.54	3490
Source Flux	4650lm	2	1.05	3.08	872
Fixture Flux	3553lm	3	1.57	4.62	388
Efficacy	104lm/W	4	2.10	6.16	218
TS2065	I _{max} =772cd/klm	I _{max}	3588cd	5	2.62 7.70 140



	2700K	H(m)	D1(m)	D2(m)	Emax(lx)
	Ra80		29°	75°	
Fixture Power	34W	1	0.52	1.54	3949
Source Flux	5262lm	2	1.05	3.08	987
Fixture Flux	4020lm	3	1.57	4.62	439
Efficacy	117lm/W	4	2.10	6.16	247
TS2065	I _{max} =772cd/klm	I _{max}	4061cd	5	2.62 7.70 158

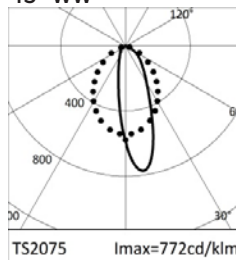


	3000K	H(m)	D1(m)	D2(m)	Emax(lx)
	Ra80		29°	75°	
Fixture Power	34W	1	0.52	1.54	4084
Source Flux	5442lm	2	1.05	3.08	1021
Fixture Flux	4158lm	3	1.57	4.62	454
Efficacy	121lm/W	4	2.10	6.16	255
TS2065	I _{max} =772cd/klm	I _{max}	4200cd	5	2.62 7.70 163

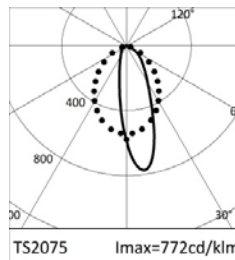


	4000K	H(m)	D1(m)	D2(m)	Emax(lx)
	Ra80		29°	75°	
Fixture Power	34W	1	0.52	1.54	4318
Source Flux	5754lm	2	1.05	3.08	1080
Fixture Flux	4396lm	3	1.57	4.62	480
Efficacy	128lm/W	4	2.10	6.16	270
TS2065	I _{max} =772cd/klm	I _{max}	4440cd	5	2.62 7.70 173

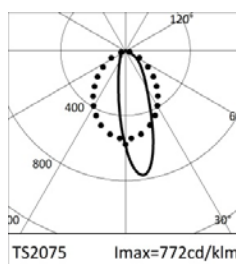
45" WW



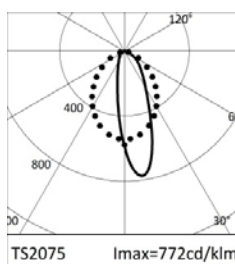
	2200K	H(m)	D1(m)	D2(m)	Emax(lx)
	Ra80		29°	75°	
Fixture Power	46W	1	0.52	1.54	4653
Source Flux	6200lm	2	1.05	3.08	1163
Fixture Flux	4737lm	3	1.57	4.62	517
Efficacy	103lm/W	4	2.10	6.16	291
TS2075	I _{max} =772cd/klm	I _{max}	4785cd	5	2.62 7.70 186



	2700K	H(m)	D1(m)	D2(m)	Emax(lx)
	Ra80		29°	75°	
Fixture Power	46W	1	0.52	1.54	5265
Source Flux	7016lm	2	1.05	3.08	1316
Fixture Flux	5361lm	3	1.57	4.62	585
Efficacy	117lm/W	4	2.10	6.16	329
TS2075	I _{max} =772cd/klm	I _{max}	5414cd	5	2.62 7.70 211



	3000K	H(m)	D1(m)	D2(m)	Emax(lx)
	Ra80		29°	75°	
Fixture Power	46W	1	0.52	1.54	5445
Source Flux	7256lm	2	1.05	3.08	1361
Fixture Flux	5544lm	3	1.57	4.62	605
Efficacy	121lm/W	4	2.10	6.16	340
TS2075	I _{max} =772cd/klm	I _{max}	5599cd	5	2.62 7.70 218



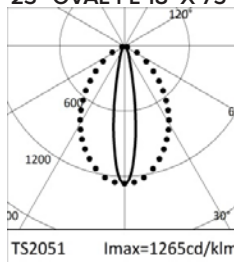
	4000K	H(m)	D1(m)	D2(m)	Emax(lx)
	Ra80		29°	75°	
Fixture Power	46W	1	0.52	1.54	5758
Source Flux	7672lm	2	1.05	3.08	1439
Fixture Flux	5862lm	3	1.57	4.62	640
Efficacy	128lm/W	4	2.10	6.16	360
TS2075	I _{max} =772cd/klm	I _{max}	5920cd	5	2.62 7.70 230

JEDI NOVA 55 PROJECTOR (2")

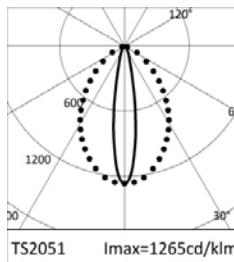
PHOTOMETRY

IES FILES WATTAGE AND EFFICIENCY CALCULATIONS BASED WITH SUPPLIED DRIVER

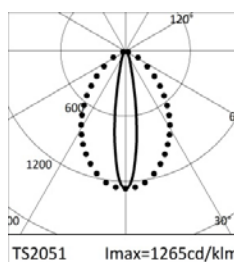
23" OVAL FL 18° X 75°



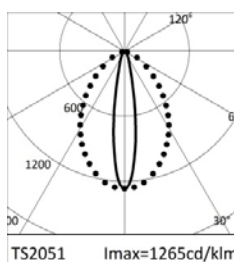
	2200K	H(m)	D1(m)	D2(m)	Emax(lx)
	Ra80		18°	75°	
Fixture Power	23W	1	0.32	1.54	3922
Source Flux	3100lm	2	0.64	3.07	981
Fixture Flux	2355lm	3	0.96	4.61	436
Efficacy	103lm/W	4	1.28	6.15	245
TS2051	I _{max} =1265cd/klm	I _{max}	3922cd	5	1.60 7.68 157



	2700K	H(m)	D1(m)	D2(m)	Emax(lx)
	Ra80		18°	75°	
Fixture Power	23W	1	0.32	1.54	4439
Source Flux	3508lm	2	0.64	3.07	1110
Fixture Flux	2665lm	3	0.96	4.61	493
Efficacy	116lm/W	4	1.28	6.15	277
TS2051	I _{max} =1265cd/klm	I _{max}	4439cd	5	1.60 7.68 178

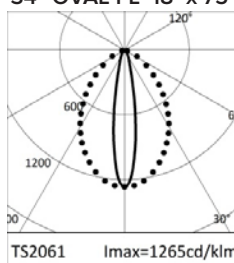


	3000K	H(m)	D1(m)	D2(m)	Emax(lx)
	Ra80		18°	75°	
Fixture Power	23W	1	0.32	1.54	4590
Source Flux	3628lm	2	0.64	3.07	1148
Fixture Flux	2756lm	3	0.96	4.61	510
Efficacy	120lm/W	4	1.28	6.15	287
TS2051	I _{max} =1265cd/klm	I _{max}	4590cd	5	1.60 7.68 184

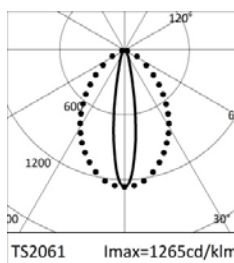


	4000K	H(m)	D1(m)	D2(m)	Emax(lx)
	Ra80		18°	75°	
Fixture Power	23W	1	0.32	1.54	4854
Source Flux	3836lm	2	0.64	3.07	1213
Fixture Flux	2914lm	3	0.96	4.61	539
Efficacy	127lm/W	4	1.28	6.15	303
TS2051	I _{max} =1265cd/klm	I _{max}	4854cd	5	1.60 7.68 194

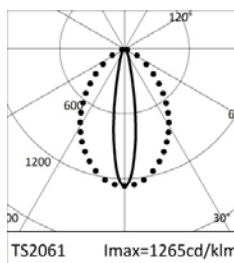
34" OVAL FL 18° x 75°



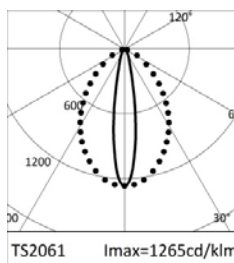
	2200K	H(m)	D1(m)	D2(m)	Emax(lx)
	Ra80		18°	75°	
Fixture Power	34W	1	0.32	1.54	5884
Source Flux	4650lm	2	0.64	3.07	1471
Fixture Flux	3533lm	3	0.96	4.61	654
Efficacy	103lm/W	4	1.28	6.15	368
TS2061	I _{max} =1265cd/klm	I _{max}	5884cd	5	1.60 7.68 235



	2700K	H(m)	D1(m)	D2(m)	Emax(lx)
	Ra80		18°	75°	
Fixture Power	34W	1	0.32	1.54	6658
Source Flux	5262lm	2	0.64	3.07	1664
Fixture Flux	3998lm	3	0.96	4.61	740
Efficacy	117lm/W	4	1.28	6.15	416
TS2061	I _{max} =1265cd/klm	I _{max}	6658cd	5	1.60 7.68 266

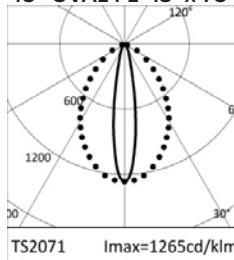


	3000K	H(m)	D1(m)	D2(m)	Emax(lx)
	Ra80		18°	75°	
Fixture Power	34W	1	0.32	1.54	6886
Source Flux	5442lm	2	0.64	3.07	1721
Fixture Flux	4135lm	3	0.96	4.61	765
Efficacy	121lm/W	4	1.28	6.15	430
TS2061	I _{max} =1265cd/klm	I _{max}	6886cd	5	1.60 7.68 275

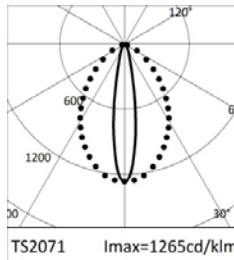


	4000K	H(m)	D1(m)	D2(m)	Emax(lx)
	Ra80		18°	75°	
Fixture Power	34W	1	0.32	1.54	7280
Source Flux	5754lm	2	0.64	3.07	1820
Fixture Flux	4372lm	3	0.96	4.61	809
Efficacy	127lm/W	4	1.28	6.15	455
TS2061	I _{max} =1265cd/klm	I _{max}	7280cd	5	1.60 7.68 291

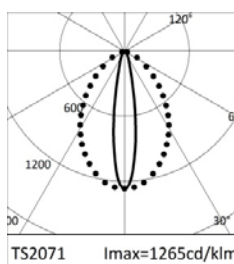
45" OVAL FL 18° x 75°



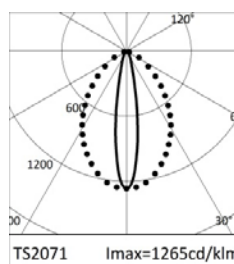
	2200K	H(m)	D1(m)	D2(m)	Emax(lx)
	Ra80		18°	75°	
Fixture Power	46W	1	0.32	1.54	7845
Source Flux	6200lm	2	0.64	3.07	1961
Fixture Flux	4711lm	3	0.96	4.61	872
Efficacy	103lm/W	4	1.28	6.15	490
TS2071	I _{max} =1265cd/klm	I _{max}	7845cd	5	1.60 7.68 314



	2700K	H(m)	D1(m)	D2(m)	Emax(lx)
	Ra80		18°	75°	
Fixture Power	46W	1	0.32	1.54	8877
Source Flux	7016lm	2	0.64	3.07	2219
Fixture Flux	5331lm	3	0.96	4.61	986
Efficacy	116lm/W	4	1.28	6.15	555
TS2071	I _{max} =1265cd/klm	I _{max}	8877cd	5	1.60 7.68 355



	3000K	H(m)	D1(m)	D2(m)	Emax(lx)
	Ra80		18°	75°	
Fixture Power	46W	1	0.32	1.54	9181
Source Flux	7256lm	2	0.64	3.07	2295
Fixture Flux	5513lm	3	0.96	4.61	1020
Efficacy	120lm/W	4	1.28	6.15	574
TS2071	I _{max} =1265cd/klm	I _{max}	9181cd	5	1.60 7.68 367



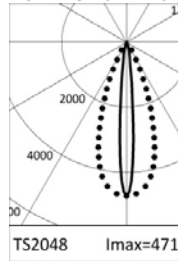
	4000K	H(m)	D1(m)	D2(m)	Emax(lx)
	Ra80		18°	75°	
Fixture Power	46W	1	0.32	1.54	9707
Source Flux	7672lm	2	0.64	3.07	2427
Fixture Flux	5829lm	3	0.96	4.61	1079
Efficacy	127lm/W	4	1.28	6.15	607
TS2071	I _{max} =1265cd/klm	I _{max}	9707cd	5	1.60 7.68 388

JEDI NOVA 55 PROJECTOR (2")

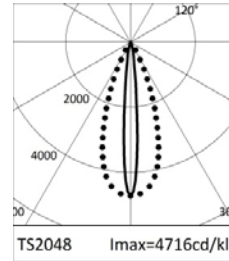
PHOTOMETRY

IES FILES WATTAGE AND EFFICIENCY CALCULATIONS BASED WITH SUPPLIED DRIVER

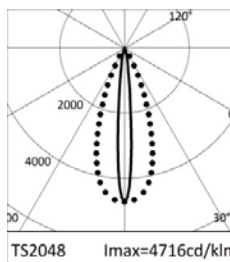
23" WG 10° x 40°



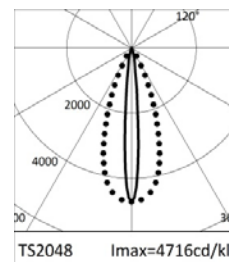
	2200K	H(m)	D1(m)	D2(m)	Emax(lx)		
	Ra80		10°	38°			
Fixture Power	35W	1	0.17	0.70	18609		
Source Flux	3946lm	2	0.34	1.39	4652		
Fixture Flux	3033lm	3	0.51	2.09	2068		
Efficacy	87lm/W	4	0.69	2.79	1163		
TS2048	I _{max} =4716cd/klm	I _{max}	18609cd	5	0.86	3.48	744



	2700K	H(m)	D1(m)	D2(m)	Emax(lx)		
	Ra80		10°	38°			
Fixture Power	35W	1	0.17	0.70	20967		
Source Flux	4446lm	2	0.34	1.39	5242		
Fixture Flux	3417lm	3	0.51	2.09	2330		
Efficacy	98lm/W	4	0.69	2.79	1310		
TS2048	I _{max} =4716cd/klm	I _{max}	20967cd	5	0.86	3.48	839

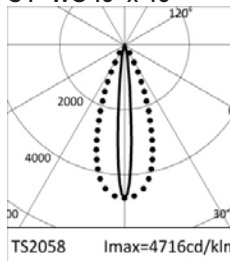


	3000K	H(m)	D1(m)	D2(m)	Emax(lx)		
	Ra80		10°	38°			
Fixture Power	35W	1	0.17	0.70	21448		
Source Flux	4548lm	2	0.34	1.39	5362		
Fixture Flux	3496lm	3	0.51	2.09	2383		
Efficacy	100lm/W	4	0.69	2.79	1341		
TS2048	I _{max} =4716cd/klm	I _{max}	21448cd	5	0.86	3.48	858

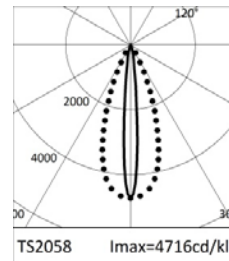


	4000K	H(m)	D1(m)	D2(m)	Emax(lx)		
	Ra80		10°	38°			
Fixture Power	35W	1	0.17	0.70	22627		
Source Flux	4798lm	2	0.34	1.39	5657		
Fixture Flux	3688lm	3	0.51	2.09	2514		
Efficacy	105lm/W	4	0.69	2.79	1414		
TS2048	I _{max} =4716cd/klm	I _{max}	22627cd	5	0.86	3.48	905

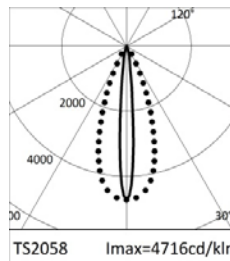
34" WG 10° x 40°



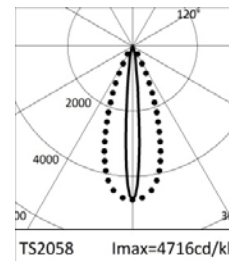
	2200K	H(m)	D1(m)	D2(m)	Emax(lx)		
	Ra80		10°	38°			
Fixture Power	52W	1	0.17	0.70	27914		
Source Flux	5919lm	2	0.34	1.39	6978		
Fixture Flux	4549lm	3	0.51	2.09	3102		
Efficacy	87lm/W	4	0.69	2.79	1745		
TS2058	I _{max} =4716cd/klm	I _{max}	27914cd	5	0.86	3.48	1117



	2700K	H(m)	D1(m)	D2(m)	Emax(lx)		
	Ra80		10°	38°			
Fixture Power	52W	1	0.17	0.70	31451		
Source Flux	6669lm	2	0.34	1.39	7863		
Fixture Flux	5126lm	3	0.51	2.09	3495		
Efficacy	98lm/W	4	0.69	2.79	1966		
TS2058	I _{max} =4716cd/klm	I _{max}	31451cd	5	0.86	3.48	1258

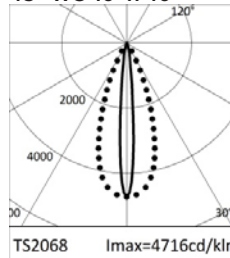


	3000K	H(m)	D1(m)	D2(m)	Emax(lx)		
	Ra80		10°	38°			
Fixture Power	52W	1	0.17	0.70	32172		
Source Flux	6822lm	2	0.34	1.39	8043		
Fixture Flux	5244lm	3	0.51	2.09	3575		
Efficacy	100lm/W	4	0.69	2.79	2011		
TS2058	I _{max} =4716cd/klm	I _{max}	32172cd	5	0.86	3.48	1287

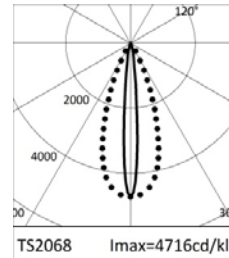


	4000K	H(m)	D1(m)	D2(m)	Emax(lx)		
	Ra80		10°	38°			
Fixture Power	52W	1	0.17	0.70	33941		
Source Flux	7197lm	2	0.34	1.39	8485		
Fixture Flux	5532lm	3	0.51	2.09	3771		
Efficacy	106lm/W	4	0.69	2.79	2121		
TS2058	I _{max} =4716cd/klm	I _{max}	33941cd	5	0.86	3.48	1358

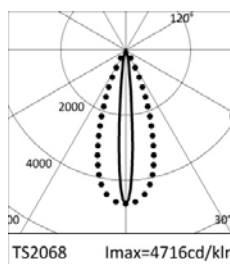
45" WG 10° x 40°



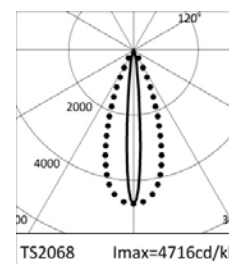
	2200K	H(m)	D1(m)	D2(m)	Emax(lx)		
	Ra80		10°	38°			
Fixture Power	70W	1	0.17	0.70	37219		
Source Flux	7892lm	2	0.34	1.39	9305		
Fixture Flux	6066lm	3	0.51	2.09	4135		
Efficacy	87lm/W	4	0.69	2.79	2326		
TS2068	I _{max} =4716cd/klm	I _{max}	37219cd	5	0.86	3.48	1489



	2700K	H(m)	D1(m)	D2(m)	Emax(lx)		
	Ra80		10°	38°			
Fixture Power	70W	1	0.17	0.70	41935		
Source Flux	8892lm	2	0.34	1.39	10484		
Fixture Flux	6835lm	3	0.51	2.09	4659		
Efficacy	98lm/W	4	0.69	2.79	2621		
TS2068	I _{max} =4716cd/klm	I _{max}	41935cd	5	0.86	3.48	1677



	3000K	H(m)	D1(m)	D2(m)	Emax(lx)		
	Ra80		10°	38°			
Fixture Power	70W	1	0.17	0.70	42897		
Source Flux	9096lm	2	0.34	1.39	10724		
Fixture Flux	6991lm	3	0.51	2.09	4766		
Efficacy	100lm/W	4	0.69	2.79	2681		
TS2068	I _{max} =4716cd/klm	I _{max}	42897cd	5	0.86	3.48	1716



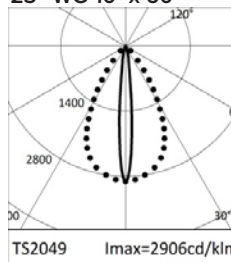
	4000K	H(m)	D1(m)	D2(m)	Emax(lx)		
	Ra80		10°	38°			
Fixture Power	70W	1	0.17	0.70	45255		
Source Flux	9596lm	2	0.34	1.39	11314		
Fixture Flux	7376lm	3	0.51	2.09	5028		
Efficacy	105lm/W	4	0.69	2.79	2828		
TS2068	I _{max} =4716cd/klm	I _{max}	45255cd	5	0.86	3.48	1810

JEDI NOVA 55 PROJECTOR (2")

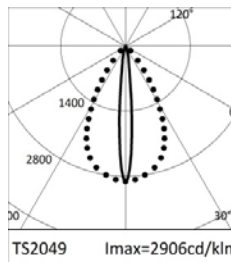
PHOTOMETRY

IES FILES WATTAGE AND EFFICIENCY CALCULATIONS BASED WITH SUPPLIED DRIVER

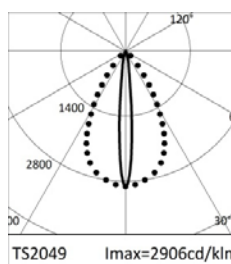
23" WG 10° x 60°



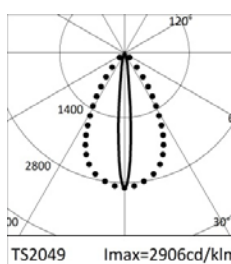
2200K	H(m)	D1(m)	D2(m)	Emax(lx)
Ra80	11°	59°		
Fixture Power	35W	1	0.19	1.14 11467
Source Flux	3946lm	2	0.37	2.28 2867
Fixture Flux	2970lm	3	0.56	3.42 1274
Efficacy	85lm/W	4	0.74	4.55 717
TS2049 Imax=2906cd/klm	Imax	11467cd	5	0.93 5.69 459



2700K	H(m)	D1(m)	D2(m)	Emax(lx)
Ra80	11°	59°		
Fixture Power	35W	1	0.19	1.14 12920
Source Flux	4446lm	2	0.37	2.28 3230
Fixture Flux	3346lm	3	0.56	3.42 1436
Efficacy	96lm/W	4	0.74	4.55 808
TS2049 Imax=2906cd/klm	Imax	12920cd	5	0.93 5.69 517

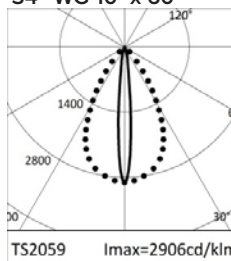


3000K	H(m)	D1(m)	D2(m)	Emax(lx)
Ra80	11°	59°		
Fixture Power	35W	1	0.19	1.14 13217
Source Flux	4548lm	2	0.37	2.28 3304
Fixture Flux	3423lm	3	0.56	3.42 1469
Efficacy	98lm/W	4	0.74	4.55 826
TS2049 Imax=2906cd/klm	Imax	13217cd	5	0.93 5.69 529

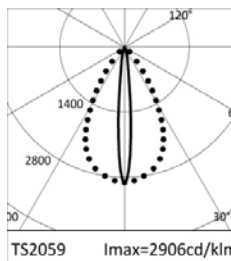


4000K	H(m)	D1(m)	D2(m)	Emax(lx)
Ra80	11°	59°		
Fixture Power	35W	1	0.19	1.14 13943
Source Flux	4798lm	2	0.37	2.28 3486
Fixture Flux	3611lm	3	0.56	3.42 1549
Efficacy	103lm/W	4	0.74	4.55 871
TS2049 Imax=2906cd/klm	Imax	13943cd	5	0.93 5.69 558

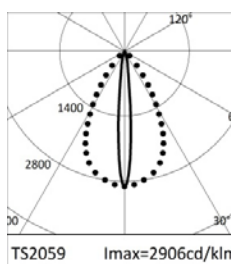
34" WG 10° x 60°



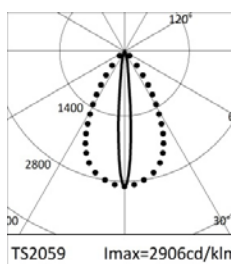
2200K	H(m)	D1(m)	D2(m)	Emax(lx)
Ra80	11°	59°		
Fixture Power	52W	1	0.19	1.14 17201
Source Flux	5919lm	2	0.37	2.28 4300
Fixture Flux	4455lm	3	0.56	3.42 1911
Efficacy	85lm/W	4	0.74	4.55 1075
TS2059 Imax=2906cd/klm	Imax	17201cd	5	0.93 5.69 688



2700K	H(m)	D1(m)	D2(m)	Emax(lx)
Ra80	11°	59°		
Fixture Power	52W	1	0.19	1.14 19380
Source Flux	6669lm	2	0.37	2.28 4845
Fixture Flux	5019lm	3	0.56	3.42 2153
Efficacy	96lm/W	4	0.74	4.55 1211
TS2059 Imax=2906cd/klm	Imax	19380cd	5	0.93 5.69 775

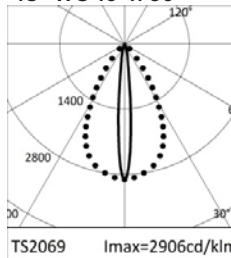


3000K	H(m)	D1(m)	D2(m)	Emax(lx)
Ra80	11°	59°		
Fixture Power	52W	1	0.19	1.14 19825
Source Flux	6822lm	2	0.37	2.28 4956
Fixture Flux	5134lm	3	0.56	3.42 2203
Efficacy	98lm/W	4	0.74	4.55 1239
TS2059 Imax=2906cd/klm	Imax	19825cd	5	0.93 5.69 793

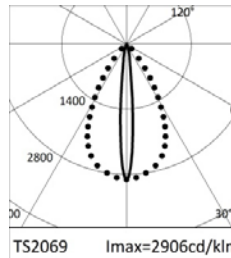


4000K	H(m)	D1(m)	D2(m)	Emax(lx)
Ra80	11°	59°		
Fixture Power	52W	1	0.19	1.14 20915
Source Flux	7197lm	2	0.37	2.28 5229
Fixture Flux	5417lm	3	0.56	3.42 2324
Efficacy	103lm/W	4	0.74	4.55 1307
TS2059 Imax=2906cd/klm	Imax	20915cd	5	0.93 5.69 837

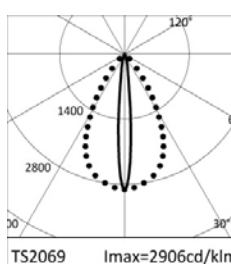
45" WG 10° x 60°



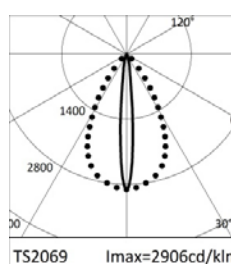
2200K	H(m)	D1(m)	D2(m)	Emax(lx)
Ra80	11°	59°		
Fixture Power	70W	1	0.19	1.14 22934
Source Flux	7892lm	2	0.37	2.28 5734
Fixture Flux	5940lm	3	0.56	3.42 2548
Efficacy	85lm/W	4	0.74	4.55 1433
TS2069 Imax=2906cd/klm	Imax	22934cd	5	0.93 5.69 917



2700K	H(m)	D1(m)	D2(m)	Emax(lx)
Ra80	11°	59°		
Fixture Power	70W	1	0.19	1.14 25840
Source Flux	8892lm	2	0.37	2.28 6460
Fixture Flux	6692lm	3	0.56	3.42 2871
Efficacy	96lm/W	4	0.74	4.55 1615
TS2069 Imax=2906cd/klm	Imax	25840cd	5	0.93 5.69 1034



3000K	H(m)	D1(m)	D2(m)	Emax(lx)
Ra80	11°	59°		
Fixture Power	70W	1	0.19	1.14 26433
Source Flux	9096lm	2	0.37	2.28 6608
Fixture Flux	6846lm	3	0.56	3.42 2937
Efficacy	98lm/W	4	0.74	4.55 1652
TS2069 Imax=2906cd/klm	Imax	26433cd	5	0.93 5.69 1057



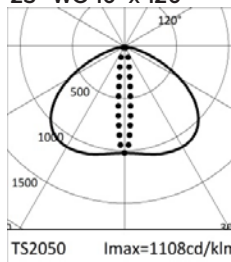
4000K	H(m)	D1(m)	D2(m)	Emax(lx)
Ra80	11°	59°		
Fixture Power	70W	1	0.19	1.14 27886
Source Flux	9596lm	2	0.37	2.28 6972
Fixture Flux	7222lm	3	0.56	3.42 3098
Efficacy	103lm/W	4	0.74	4.55 1743
TS2069 Imax=2906cd/klm	Imax	27886cd	5	0.93 5.69 1115

JEDI NOVA 55 PROJECTOR (2")

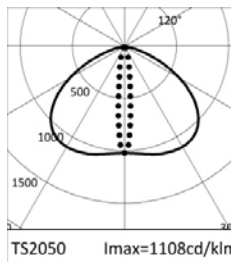
PHOTOMETRY

IES FILES WATTAGE AND EFFICIENCY CALCULATIONS BASED WITH SUPPLIED DRIVER

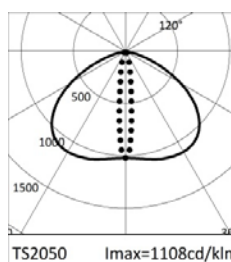
23" WG 10° x 120°



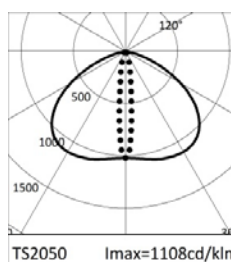
	2200K	H(m)	D1(m)	D2(m)	Emax(lx)
	Ra80		123°	12°	
Fixture Power	35W	1	3.69	0.21	4033
Source Flux	3946lm	2	7.37	0.42	1008
Fixture Flux	2725lm	3	11.06	0.64	448
Efficacy	78lm/W	4	14.75	0.85	252
TS2050	I _{max} =1108cd/klm	I _{max}	4374cd	5	18.43
			1.06	161	



	2700K	H(m)	D1(m)	D2(m)	Emax(lx)
	Ra80		123°	12°	
Fixture Power	35W	1	3.69	0.21	4544
Source Flux	4446lm	2	7.37	0.42	1136
Fixture Flux	3070lm	3	11.06	0.64	505
Efficacy	88lm/W	4	14.75	0.85	284
TS2050	I _{max} =1108cd/klm	I _{max}	4928cd	5	18.43
			1.06	182	

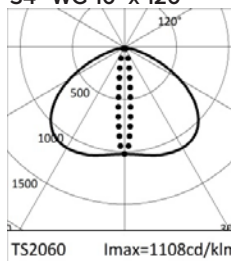


	3000K	H(m)	D1(m)	D2(m)	Emax(lx)
	Ra80		123°	12°	
Fixture Power	35W	1	3.69	0.21	4648
Source Flux	4548lm	2	7.37	0.42	1162
Fixture Flux	3140lm	3	11.06	0.64	516
Efficacy	90lm/W	4	14.75	0.85	290
TS2050	I _{max} =1108cd/klm	I _{max}	5041cd	5	18.43
			1.06	186	

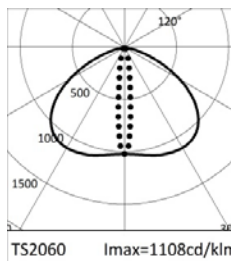


	4000K	H(m)	D1(m)	D2(m)	Emax(lx)
	Ra80		123°	12°	
Fixture Power	35W	1	3.69	0.21	4903
Source Flux	4798lm	2	7.37	0.42	1226
Fixture Flux	3313lm	3	11.06	0.64	545
Efficacy	95lm/W	4	14.75	0.85	306
TS2050	I _{max} =1108cd/klm	I _{max}	5318cd	5	18.43
			1.06	196	

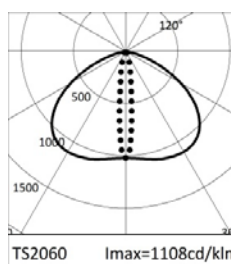
34" WG 10° x 120°



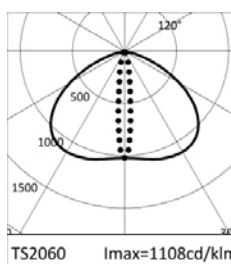
	2200K	H(m)	D1(m)	D2(m)	Emax(lx)
	Ra80		123°	12°	
Fixture Power	52W	1	3.69	0.21	6049
Source Flux	5919lm	2	7.37	0.42	1512
Fixture Flux	4087lm	3	11.06	0.64	672
Efficacy	78lm/W	4	14.75	0.85	378
TS2060	I _{max} =1108cd/klm	I _{max}	6561cd	5	18.43
			1.06	242	



	2700K	H(m)	D1(m)	D2(m)	Emax(lx)
	Ra80		123°	12°	
Fixture Power	52W	1	3.69	0.21	6816
Source Flux	6669lm	2	7.37	0.42	1704
Fixture Flux	4605lm	3	11.06	0.64	757
Efficacy	88lm/W	4	14.75	0.85	426
TS2060	I _{max} =1108cd/klm	I _{max}	7392cd	5	18.43
			1.06	273	

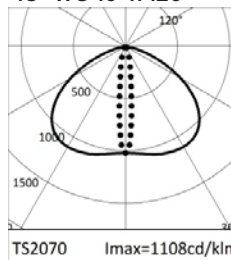


	3000K	H(m)	D1(m)	D2(m)	Emax(lx)
	Ra80		123°	12°	
Fixture Power	52W	1	3.69	0.21	6972
Source Flux	6822lm	2	7.37	0.42	1743
Fixture Flux	4710lm	3	11.06	0.64	775
Efficacy	90lm/W	4	14.75	0.85	436
TS2060	I _{max} =1108cd/klm	I _{max}	7561cd	5	18.43
			1.06	279	

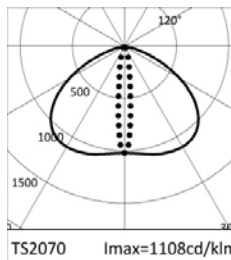


	4000K	H(m)	D1(m)	D2(m)	Emax(lx)
	Ra80		123°	12°	
Fixture Power	52W	1	3.69	0.21	7355
Source Flux	7197lm	2	7.37	0.42	1839
Fixture Flux	4969lm	3	11.06	0.64	817
Efficacy	95lm/W	4	14.75	0.85	460
TS2060	I _{max} =1108cd/klm	I _{max}	7977cd	5	18.43
			1.06	294	

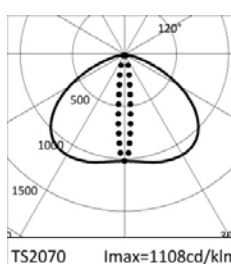
45" WG 10° x 120°



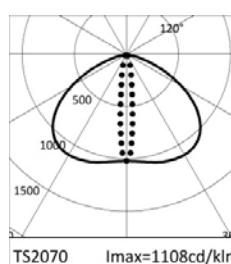
	2200K	H(m)	D1(m)	D2(m)	Emax(lx)
	Ra80		123°	12°	
Fixture Power	70W	1	3.69	0.21	8065
Source Flux	7892lm	2	7.37	0.42	2016
Fixture Flux	5449lm	3	11.06	0.64	896
Efficacy	78lm/W	4	14.75	0.85	504
TS2070	I _{max} =1108cd/klm	I _{max}	8747cd	5	18.43
			1.06	323	



	2700K	H(m)	D1(m)	D2(m)	Emax(lx)
	Ra80		123°	12°	
Fixture Power	70W	1	3.69	0.21	9087
Source Flux	8892lm	2	7.37	0.42	2272
Fixture Flux	6140lm	3	11.06	0.64	1010
Efficacy	88lm/W	4	14.75	0.85	568
TS2070	I _{max} =1108cd/klm	I _{max}	9856cd	5	18.43
			1.06	363	



	3000K	H(m)	D1(m)	D2(m)	Emax(lx)
	Ra80		123°	12°	
Fixture Power	70W	1	3.69	0.21	9296
Source Flux	9096lm	2	7.37	0.42	2324
Fixture Flux	6280lm	3	11.06	0.64	1033
Efficacy	90lm/W	4	14.75	0.85	581
TS2070	I _{max} =1108cd/klm	I _{max}	10082cd	5	18.43
			1.06	372	



	4000K	H(m)	D1(m)	D2(m)	Emax(lx)
	Ra80		123°	12°	
Fixture Power	70W	1	3.69	0.21	9807
Source Flux	9596lm	2	7.37	0.42	2452
Fixture Flux	6626lm	3	11.06	0.64	1090
Efficacy	95lm/W	4	14.75	0.85	613
TS2070	I _{max} =1108cd/klm	I _{max}	10636cd	5	18.43
			1.06	392	

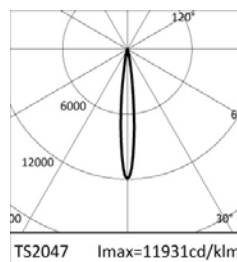
JEDI NOVA 55 PROJECTOR (2")

PHOTOMETRY

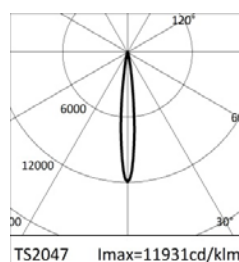
IES FILES WATTAGE AND EFFICIENCY CALCULATIONS BASED WITH SUPPLIED DRIVER

23" SP 12°

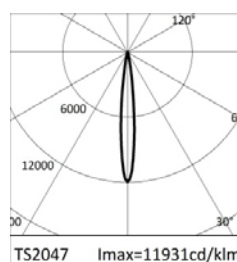
	2200K	H(m)	D(m)	Emax(lx)
	Ra80		12°	
Fixture Power	35W	1	0.20	47082
Source Flux	3946lm	2	0.41	11770
Fixture Flux	3063lm	3	0.61	5231
Efficacy	88lm/W	4	0.82	2943
TS2047	I _{max} =11931cd/klm	I _{max}	47082cd	5
			1.02	1883



	2700K	H(m)	D(m)	Emax(lx)
	Ra80		12°	
Fixture Power	35W	1	0.20	53047
Source Flux	4446lm	2	0.41	13262
Fixture Flux	3451lm	3	0.61	5894
Efficacy	99lm/W	4	0.82	3315
TS2047	I _{max} =11931cd/klm	I _{max}	53047cd	5



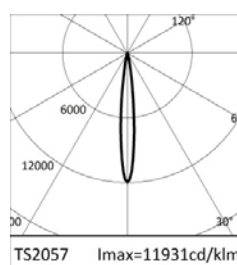
	3000K	H(m)	D(m)	Emax(lx)
	Ra80		12°	
Fixture Power	35W	1	0.20	54264
Source Flux	4548lm	2	0.41	13566
Fixture Flux	3531lm	3	0.61	6029
Efficacy	101lm/W	4	0.82	3392
TS2047	I _{max} =11931cd/klm	I _{max}	54264cd	5
			1.02	2171



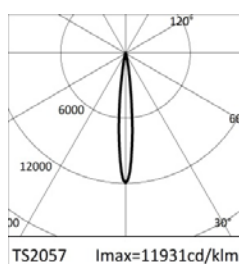
	4000K	H(m)	D(m)	Emax(lx)		
	Ra80		12°			
Fixture Power	35W	1	0.20	57247		
Source Flux	4798lm	2	0.41	14312		
Fixture Flux	3725lm	3	0.61	6361		
Efficacy	106lm/W	4	0.82	3578		
TS2047	I _{max} =11931cd/klm	I _{max}	57247cd	5	1.02	2290

34" SP 12°

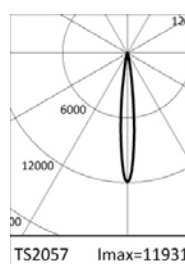
	2200K	H(m)	D(m)	Emax(lx)
	Ra80		12°	
Fixture Power	52W	1	0.20	70623
Source Flux	5919lm	2	0.41	17656
Fixture Flux	4595lm	3	0.61	7847
Efficacy	88lm/W	4	0.82	4414
TS2057	I _{max} =11931cd/klm	I _{max}	70623cd	5
			1.02	2825



	2700K	H(m)	D(m)	Emax(lx)		
	Ra80		12°			
Fixture Power	52W	1	0.20	79571		
Source Flux	6669lm	2	0.41	19893		
Fixture Flux	5177lm	3	0.61	8841		
Efficacy	99lm/W	4	0.82	4973		
TS2057	Imax=11931cd/klm	Imax	79571cd	5	1.02	3183

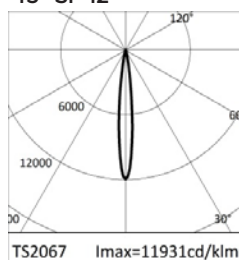


	3000K	H(m)	D(m)	Emax(lx)		
	Ra80		12°			
Fixture Power	52W	1	0.20	81397		
Source Flux	6822lm	2	0.41	20349		
Fixture Flux	5296lm	3	0.61	9044		
Efficacy	101lm/W	4	0.82	5087		
TS2057	I _{max} =11931cd/klm	I _{max}	81397cd	5	1.02	3256

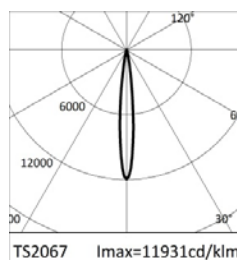


	4000K	H(m)	D(m)	Emax(lx)
	Ra80		12°	
Fixture Power	52W	1	0.20	85871
Source Flux	7197lm	2	0.41	21468
Fixture Flux	5587lm	3	0.61	9541
Efficacy	107lm/W	4	0.82	5367
TS2057	I _{max} =11931cd/klm	I _{max}	85871cd	5

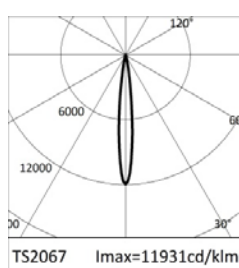
45" SP 12°



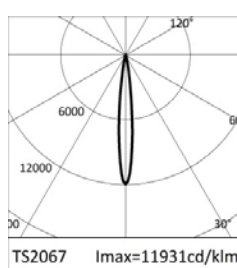
	2200K	H(m)	D(m)	Emax(lx)
	Ra80		12°	
Fixture Power	70W	1	0.20	94163
Source Flux	7892lm	2	0.41	23541
Fixture Flux	6127lm	3	0.61	10463
Efficacy	88lm/W	4	0.82	5885
TS2067	Imax=11931cd/klm	Imax	94163cd	5



	2700K	H(m)	D(m)	Emax(lx)
	Ra80		12°	
Fixture Power	70W	1	0.20	106095
Source Flux	8892lm	2	0.41	26524
Fixture Flux	6903lm	3	0.61	11788
Efficacy	99lm/W	4	0.82	6631
TS2067	I _{max} =11931cd/klm	I _{max}	106095cd	5



	3000K	H(m)	D(m)	Emax(lx)
	Ra80		12°	
Fixture Power	70W	1	0.20	108529
Source Flux	9096lm	2	0.41	27132
Fixture Flux	7061lm	3	0.61	12059
Efficacy	101lm/W	4	0.82	6783
TS2067	I _{max} =11931cd/klm	I _{max}	108529cd	5
			1.02	4341



	4000K	H(m)	D(m)	Emax(lx)
	Ra80		12°	
Fixture Power	70W	1	0.20	114495
Source Flux	9596lm	2	0.41	28624
Fixture Flux	7449lm	3	0.61	12722
Efficacy	106lm/W	4	0.82	7156
TS2067	I _{max} =11931cd/klm	I _{max}	114495cd	5

JEDI NOVA 55 PROJECTOR (2")

PHOTOMETRY

IES FILES WATTAGE AND EFFICIENCY CALCULATIONS BASED WITH SUPPLIED DRIVER

23" FL 31°

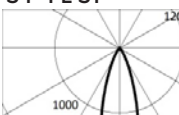
TS 1252

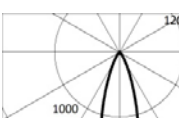
	2200K	H(m)	D(m)	Emax(lx)
	Ra80		31°	
Fixture Power	35W	1	0.56	8062
Source Flux	3946lm	2	1.12	2015
Fixture Flux	2968lm	3	1.67	896
Efficacy	85lm/W	4	2.23	504
TS2052 Imax=2043cd/klm	Imax	8062cd	5	2.79
				322

		3000K	H(m)	D(m)	Emax(lx)	
		Ra80			31°	
	Fixture Power	35W	1	0.56	9292	
	Source Flux	4548lm	2	1.12	2323	
	Fixture Flux	3420lm	3	1.67	1032	
	Efficacy	98lm/W	4	2.23	581	
TS2052	Imax=2043cd/klm	Imax	9292cd	5	2.79	372

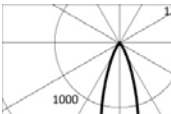
34" FL 31°

CS-1251

	2200K	H(m)	D(m)	Emax(lx)	
	Ra80		31°		
	Fixture Power	52W	1	0.56	12093
	Source Flux	5919lm	2	1.12	3023
	Fixture Flux	4452lm	3	1.67	1344
	Efficacy	85lm/W	4	2.23	756
	TS2062 Imax=2043cd/klm	Imax	12093cd	5	2.79

	3000K	H(m)	D(m)	Emax(lx)		
	Ra80		31°			
	Fixture Power	52W	1	0.56	13938	
	Source Flux	6822lm	2	1.12	3484	
	Fixture Flux	5131lm	3	1.67	1549	
	Efficacy	98lm/W	4	2.23	871	
TS2062	Imax=2043cd/klm	Imax	13938cd	5	2.79	558

45" FL 31°

	2200K	H(m)	D(m)	Emax(lx)	
	Ra80		31°		
	Fixture Power	70W	1	0.56	16124
	Source Flux	7892lm	2	1.12	4031
	Fixture Flux	5935lm	3	1.67	1792
	Efficacy	85lm/W	4	2.23	1008
	TS2072 Imax=2043cd/klm	Imax	16124cd	5	2.79

	3000K	H(m)	D(m)	Emax(lx)	
	Ra80		31°		
Fixture Power	70W	1	0.56	18583	
Source Flux	9096lm	2	1.12	4646	
Fixture Flux	6841lm	3	1.67	2065	
Efficacy	98lm/W	4	2.23	1161	
TS2072 Imax=2043cd/klm	Imax	18583cd	5	2.79	743

	2700K	H(m)	D(m)	Emax(lx)		
	Ra80		31°			
	Fixture Power	35W	1	0.56	9083	
	Source Flux	4446lm	2	1.12	2271	
	Fixture Flux	3344lm	3	1.67	1009	
	Efficacy	96lm/W	4	2.23	568	
TS2052	Imax=2043cd/klm	Imax	9083cd	5	2.79	363

	4000K	H(m)	D(m)	Emax(lx)	
	Ra80		31°		
Fixture Power	35W	1	0.56	9802	
Source Flux	4798lm	2	1.12	2451	
Fixture Flux	3608lm	3	1.67	1089	
Efficacy	103lm/W	4	2.23	613	
TS2052 Imax=2043cd/klm	Imax	9802cd	5	2.79	392

	2700K	H(m)	D(m)	Emax(lx)		
	Ra80		31°			
	Fixture Power	52W	1	0.56	13625	
	Source Flux	6669lm	2	1.12	3406	
	Fixture Flux	5016lm	3	1.67	1514	
	Efficacy	96lm/W	4	2.23	852	
TS2062	Imax=2043cd/klm	Imax	13625cd	5	2.79	545

	4000K	H(m)	D(m)	Emax(lx)		
	Ra80		31°			
	Fixture Power	52W	1	0.56	14704	
	Source Flux	7197lm	2	1.12	3676	
	Fixture Flux	5413lm	3	1.67	1634	
	Efficacy	103lm/W	4	2.23	919	
TS2062	Imax=2043cd/klm	Imax	14704cd	5	2.79	588



	2700K	H(m)	D(m)	Emax(lx)
	Ra80		31°	
Fixture Power	70W	1	0.56	18167
Source Flux	8892lm	2	1.12	4542
Fixture Flux	6688lm	3	1.67	2019
Efficacy	96lm/W	4	2.23	1135
TS2072 Imax=2043cd/klm	Imax	18167cd	5	2.79
				727

The diagram on the left illustrates the light distribution of the fixture. It shows a beam angle of 31 degrees, with concentric circles representing distances of 1000mm, 2000mm, and 3000mm. The peak illuminance at the center of the beam at 1000mm is 19605 lx.

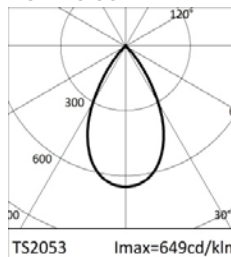
	4000K	H(m)	D(m)	Emax(lx)	
	Ra80		31°		
Fixture Power	70W	1	0.56	19605	
Source Flux	9596lm	2	1.12	4901	
Fixture Flux	7217lm	3	1.67	2178	
Efficacy	103lm/W	4	2.23	1225	
TS2072 Imax=2043cd/klm	Imax	19605cd	5	2.79	784

JEDI NOVA 55 PROJECTOR (2")

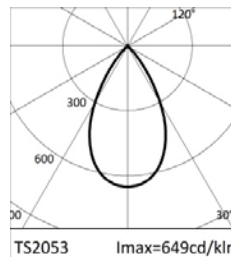
PHOTOMETRY

IES FILES WATTAGE AND EFFICIENCY CALCULATIONS BASED WITH SUPPLIED DRIVER

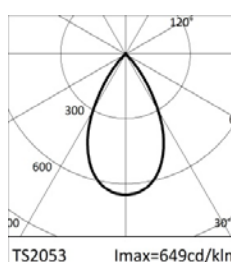
23" MC 58°



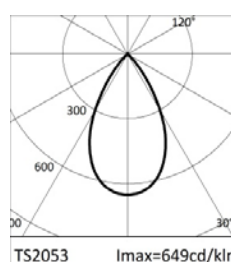
	2200K	H(m)	D(m)	Emax(lx)		
	Ra80		58°			
Fixture Power	27W	1	1.11	2348		
Source Flux	3618lm	2	2.22	587		
Fixture Flux	2245lm	3	3.33	261		
Efficacy	84lm/W	4	4.44	147		
TS2053	I _{max} =649cd/klm	I _{max}	2348cd	5	5.55	94



	2700K	H(m)	D(m)	Emax(lx)		
	Ra80		58°			
Fixture Power	27W	1	1.11	2657		
Source Flux	4094lm	2	2.22	664		
Fixture Flux	2540lm	3	3.33	295		
Efficacy	95lm/W	4	4.44	166		
TS2053	I _{max} =649cd/klm	I _{max}	2657cd	5	5.55	106

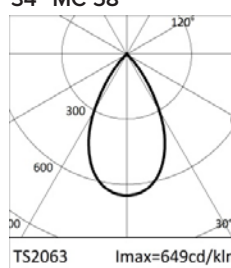


	3000K	H(m)	D(m)	Emax(lx)		
	Ra80		58°			
Fixture Power	27W	1	1.11	2748		
Source Flux	4234lm	2	2.22	687		
Fixture Flux	2627lm	3	3.33	305		
Efficacy	98lm/W	4	4.44	172		
TS2053	I _{max} =649cd/klm	I _{max}	2748cd	5	5.55	110

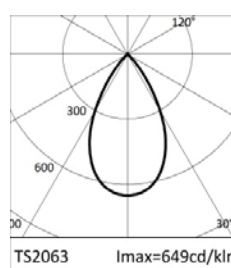


	4000K	H(m)	D(m)	Emax(lx)		
	Ra80		58°			
Fixture Power	27W	1	1.11	2905		
Source Flux	4476lm	2	2.22	726		
Fixture Flux	2777lm	3	3.33	323		
Efficacy	104lm/W	4	4.44	182		
TS2053	I _{max} =649cd/klm	I _{max}	2905cd	5	5.55	116

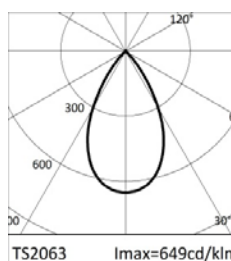
34" MC 58°



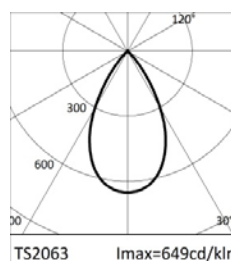
	2200K	H(m)	D(m)	Emax(lx)		
	Ra80		58°			
Fixture Power	40W	1	1.11	3522		
Source Flux	5427lm	2	2.22	880		
Fixture Flux	3367lm	3	3.33	391		
Efficacy	84lm/W	4	4.44	220		
TS2063	I _{max} =649cd/klm	I _{max}	3522cd	5	5.55	141



	2700K	H(m)	D(m)	Emax(lx)		
	Ra80		58°			
Fixture Power	40W	1	1.11	3985		
Source Flux	6141lm	2	2.22	996		
Fixture Flux	3810lm	3	3.33	443		
Efficacy	95lm/W	4	4.44	249		
TS2063	I _{max} =649cd/klm	I _{max}	3985cd	5	5.55	159

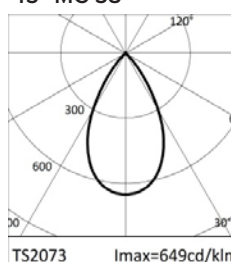


	3000K	H(m)	D(m)	Emax(lx)		
	Ra80		58°			
Fixture Power	40W	1	1.11	4121		
Source Flux	6351lm	2	2.22	1030		
Fixture Flux	3941lm	3	3.33	458		
Efficacy	99lm/W	4	4.44	258		
TS2063	I _{max} =649cd/klm	I _{max}	4121cd	5	5.55	165

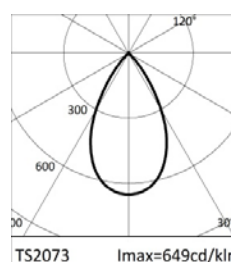


	4000K	H(m)	D(m)	Emax(lx)		
	Ra80		58°			
Fixture Power	40W	1	1.11	4357		
Source Flux	6714lm	2	2.22	1089		
Fixture Flux	4166lm	3	3.33	484		
Efficacy	104lm/W	4	4.44	272		
TS2063	I _{max} =649cd/klm	I _{max}	4357cd	5	5.55	174

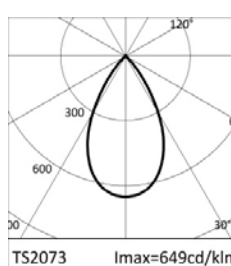
45" MC 58°



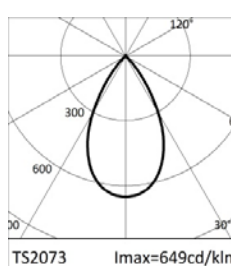
	2200K	H(m)	D(m)	Emax(lx)		
	Ra80		58°			
Fixture Power	53W	1	1.11	4696		
Source Flux	7236lm	2	2.22	1174		
Fixture Flux	4490lm	3	3.33	522		
Efficacy	84lm/W	4	4.44	293		
TS2073	I _{max} =649cd/klm	I _{max}	4696cd	5	5.55	188



	2700K	H(m)	D(m)	Emax(lx)		
	Ra80		58°			
Fixture Power	53W	1	1.11	5314		
Source Flux	8188lm	2	2.22	1328		
Fixture Flux	5080lm	3	3.33	590		
Efficacy	95lm/W	4	4.44	332		
TS2073	I _{max} =649cd/klm	I _{max}	5314cd	5	5.55	213



	3000K	H(m)	D(m)	Emax(lx)		
	Ra80		58°			
Fixture Power	53W	1	1.11	5495		
Source Flux	8468lm	2	2.22	1374		
Fixture Flux	5254lm	3	3.33	611		
Efficacy	99lm/W	4	4.44	343		
TS2073	I _{max} =649cd/klm	I _{max}	5495cd	5	5.55	220



	4000K	H(m)	D(m)	Emax(lx)		
	Ra80		58°			
Fixture Power	53W	1	1.11	5809		
Source Flux	8952lm	2	2.22	1452		
Fixture Flux	5554lm	3	3.33	645		
Efficacy	104lm/W	4	4.44	363		
TS2073	I _{max} =649cd/klm	I _{max}	5809cd	5	5.55	232

JEDI NOVA 55 PROJECTOR (2")

PHOTOMETRY

IES FILES WATTAGE AND EFFICIENCY CALCULATIONS BASED WITH SUPPLIED DRIVER

23" MC 67°x75°

	2200K	H(m)	D1(m)	D2(m)	Emax(lx)
	Ra80	67°	75°		
Fixture Power	27W	1	1.31	1.52	1834
Source Flux	3618lm	2	2.63	3.04	459
Fixture Flux	2337lm	3	3.94	4.56	204
Efficacy	88lm/W	4	5.25	6.09	115
TS2054	I _{max} =507cd/klm	I _{max}	1834cd	5	6.56 7.61 73

	2700K	H(m)	D1(m)	D2(m)	Emax(lx)
	Ra80	67°	75°		
Fixture Power	27W	1	1.31	1.52	2076
Source Flux	4094lm	2	2.63	3.04	519
Fixture Flux	2644lm	3	3.94	4.56	231
Efficacy	99lm/W	4	5.25	6.09	130
TS2054	I _{max} =507cd/klm	I _{max}	2076cd	5	6.56 7.61 83

	3000K	H(m)	D1(m)	D2(m)	Emax(lx)
	Ra80	67°	75°		
Fixture Power	27W	1	1.31	1.52	2147
Source Flux	4234lm	2	2.63	3.04	537
Fixture Flux	2735lm	3	3.94	4.56	239
Efficacy	102lm/W	4	5.25	6.09	134
TS2054	I _{max} =507cd/klm	I _{max}	2147cd	5	6.56 7.61 86

	4000K	H(m)	D1(m)	D2(m)	Emax(lx)
	Ra80	67°	75°		
Fixture Power	27W	1	1.31	1.52	2269
Source Flux	4476lm	2	2.63	3.04	567
Fixture Flux	2891lm	3	3.94	4.56	252
Efficacy	108lm/W	4	5.25	6.09	142
TS2054	I _{max} =507cd/klm	I _{max}	2269cd	5	6.56 7.61 91

34" MC 67°x75°

	2200K	H(m)	D1(m)	D2(m)	Emax(lx)
	Ra80	67°	75°		
Fixture Power	40W	1	1.31	1.52	2751
Source Flux	5427lm	2	2.63	3.04	688
Fixture Flux	3505lm	3	3.94	4.56	306
Efficacy	88lm/W	4	5.25	6.09	172
TS2064	I _{max} =507cd/klm	I _{max}	2751cd	5	6.56 7.61 110

	2700K	H(m)	D1(m)	D2(m)	Emax(lx)
	Ra80	67°	75°		
Fixture Power	40W	1	1.31	1.52	3113
Source Flux	6141lm	2	2.63	3.04	778
Fixture Flux	3966lm	3	3.94	4.56	346
Efficacy	99lm/W	4	5.25	6.09	195
TS2064	I _{max} =507cd/klm	I _{max}	3113cd	5	6.56 7.61 125

	3000K	H(m)	D1(m)	D2(m)	Emax(lx)
	Ra80	67°	75°		
Fixture Power	40W	1	1.31	1.52	3220
Source Flux	6351lm	2	2.63	3.04	805
Fixture Flux	4102lm	3	3.94	4.56	358
Efficacy	103lm/W	4	5.25	6.09	201
TS2064	I _{max} =507cd/klm	I _{max}	3220cd	5	6.56 7.61 129

	4000K	H(m)	D1(m)	D2(m)	Emax(lx)
	Ra80	67°	75°		
Fixture Power	40W	1	1.31	1.52	3404
Source Flux	6714lm	2	2.63	3.04	851
Fixture Flux	4336lm	3	3.94	4.56	378
Efficacy	108lm/W	4	5.25	6.09	213
TS2064	I _{max} =507cd/klm	I _{max}	3404cd	5	6.56 7.61 136

45" MC 67°x75°

	2200K	H(m)	D1(m)	D2(m)	Emax(lx)
	Ra80	67°	75°		
Fixture Power	53W	1	1.31	1.52	3668
Source Flux	7236lm	2	2.63	3.04	917
Fixture Flux	4673lm	3	3.94	4.56	408
Efficacy	88lm/W	4	5.25	6.09	229
TS2074	I _{max} =507cd/klm	I _{max}	3668cd	5	6.56 7.61 147

	2700K	H(m)	D1(m)	D2(m)	Emax(lx)
	Ra80	67°	75°		
Fixture Power	53W	1	1.31	1.52	4151
Source Flux	8188lm	2	2.63	3.04	1038
Fixture Flux	5288lm	3	3.94	4.56	461
Efficacy	99lm/W	4	5.25	6.09	259
TS2074	I _{max} =507cd/klm	I _{max}	4151cd	5	6.56 7.61 166

	3000K	H(m)	D1(m)	D2(m)	Emax(lx)
	Ra80	67°	75°		
Fixture Power	53W	1	1.31	1.52	4293
Source Flux	8468lm	2	2.63	3.04	1073
Fixture Flux	5469lm	3	3.94	4.56	477
Efficacy	103lm/W	4	5.25	6.09	268
TS2074	I _{max} =507cd/klm	I _{max}	4293cd	5	6.56 7.61 172

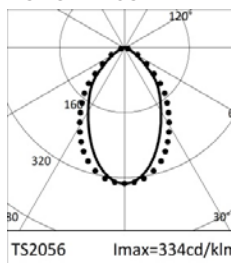
	4000K	H(m)	D1(m)	D2(m)	Emax(lx)
	Ra80	67°	75°		
Fixture Power	53W	1	1.31	1.52	4538
Source Flux	8952lm	2	2.63	3.04	1135
Fixture Flux	5782lm	3	3.94	4.56	504
Efficacy	108lm/W	4	5.25	6.09	284
TS2074	I _{max} =507cd/klm	I _{max}	4538cd	5	6.56 7.61 182

JEDI NOVA 55 PROJECTOR (2")

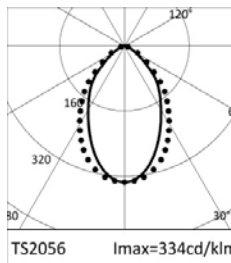
PHOTOMETRY

IES FILES WATTAGE AND EFFICIENCY CALCULATIONS BASED WITH SUPPLIED DRIVER

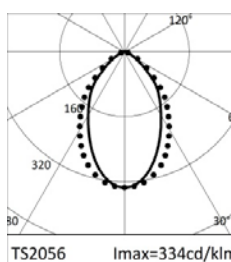
23" OPAL 65° x 77°



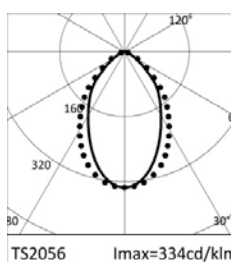
	2200K	H(m)	D1(m)	D2(m)	Emax(lx)
	Ra80		65°	77°	
Fixture Power	11W	1	1.26	1.60	535
Source Flux	1604lm	2	2.53	3.20	134
Fixture Flux	816lm	3	3.79	4.79	59
Efficacy	76lm/W	4	5.05	6.39	33
TS2056	I _{max} =334cd/klm	I _{max}	535cd	5	6.32 7.99 21



	2700K	H(m)	D1(m)	D2(m)	Emax(lx)
	Ra80		65°	77°	
Fixture Power	11W	1	1.26	1.60	604
Source Flux	1810lm	2	2.53	3.20	151
Fixture Flux	921lm	3	3.79	4.79	67
Efficacy	86lm/W	4	5.05	6.39	38
TS2056	I _{max} =334cd/klm	I _{max}	604cd	5	6.32 7.99 24

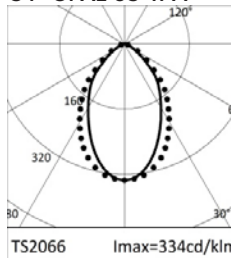


	3000K	H(m)	D1(m)	D2(m)	Emax(lx)
	Ra80		65°	77°	
Fixture Power	11W	1	1.26	1.60	625
Source Flux	1872lm	2	2.53	3.20	156
Fixture Flux	952lm	3	3.79	4.79	69
Efficacy	89lm/W	4	5.05	6.39	39
TS2056	I _{max} =334cd/klm	I _{max}	625cd	5	6.32 7.99 25

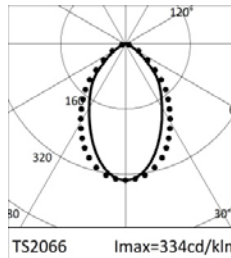


	4000K	H(m)	D1(m)	D2(m)	Emax(lx)
	Ra80		65°	77°	
Fixture Power	11W	1	1.26	1.60	657
Source Flux	1968lm	2	2.53	3.20	164
Fixture Flux	1001lm	3	3.79	4.79	73
Efficacy	94lm/W	4	5.05	6.39	41
TS2056	I _{max} =334cd/klm	I _{max}	657cd	5	6.32 7.99 26

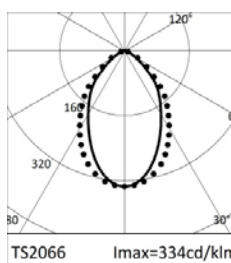
34" OPAL 65° x 77°



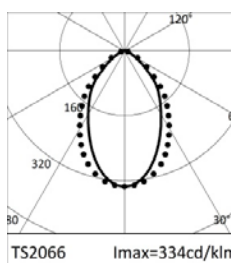
	2200K	H(m)	D1(m)	D2(m)	Emax(lx)
	Ra80		65°	77°	
Fixture Power	16W	1	1.26	1.60	803
Source Flux	2406lm	2	2.53	3.20	201
Fixture Flux	1224lm	3	3.79	4.79	89
Efficacy	77lm/W	4	5.05	6.39	50
TS2066	I _{max} =334cd/klm	I _{max}	803cd	5	6.32 7.99 32



	2700K	H(m)	D1(m)	D2(m)	Emax(lx)
	Ra80		65°	77°	
Fixture Power	16W	1	1.26	1.60	906
Source Flux	2715lm	2	2.53	3.20	227
Fixture Flux	1381lm	3	3.79	4.79	101
Efficacy	86lm/W	4	5.05	6.39	57
TS2066	I _{max} =334cd/klm	I _{max}	906cd	5	6.32 7.99 36

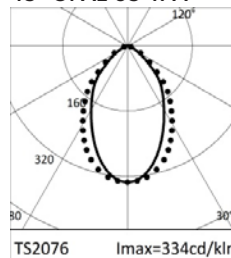


	3000K	H(m)	D1(m)	D2(m)	Emax(lx)
	Ra80		65°	77°	
Fixture Power	16W	1	1.26	1.60	937
Source Flux	2808lm	2	2.53	3.20	234
Fixture Flux	1429lm	3	3.79	4.79	104
Efficacy	89lm/W	4	5.05	6.39	59
TS2066	I _{max} =334cd/klm	I _{max}	937cd	5	6.32 7.99 37

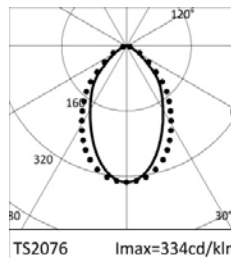


	4000K	H(m)	D1(m)	D2(m)	Emax(lx)
	Ra80		65°	77°	
Fixture Power	16W	1	1.26	1.60	985
Source Flux	2952lm	2	2.53	3.20	246
Fixture Flux	1502lm	3	3.79	4.79	109
Efficacy	94lm/W	4	5.05	6.39	62
TS2066	I _{max} =334cd/klm	I _{max}	985cd	5	6.32 7.99 39

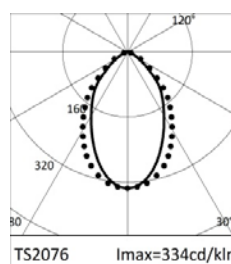
45" OPAL 65° x 77°



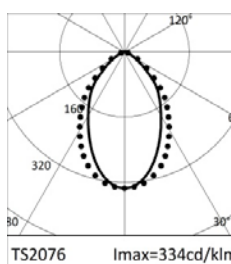
	2200K	H(m)	D1(m)	D2(m)	Emax(lx)
	Ra80		65°	77°	
Fixture Power	21W	1	1.26	1.60	1071
Source Flux	3208lm	2	2.53	3.20	268
Fixture Flux	1632lm	3	3.79	4.79	119
Efficacy	77lm/W	4	5.05	6.39	67
TS2076	I _{max} =334cd/klm	I _{max}	1071cd	5	6.32 7.99 43



	2700K	H(m)	D1(m)	D2(m)	Emax(lx)
	Ra80		65°	77°	
Fixture Power	21W	1	1.26	1.60	1208
Source Flux	3620lm	2	2.53	3.20	302
Fixture Flux	1842lm	3	3.79	4.79	134
Efficacy	86lm/W	4	5.05	6.39	76
TS2076	I _{max} =334cd/klm	I _{max}	1208cd	5	6.32 7.99 48



	3000K	H(m)	D1(m)	D2(m)	Emax(lx)
	Ra80		65°	77°	
Fixture Power	21W	1	1.26	1.60	1249
Source Flux	3744lm	2	2.53	3.20	312
Fixture Flux	1905lm	3	3.79	4.79	139
Efficacy	89lm/W	4	5.05	6.39	78
TS2076	I _{max} =334cd/klm	I _{max}	1249cd	5	6.32 7.99 50



	4000K	H(m)	D1(m)	D2(m)	Emax(lx)
	Ra80		65°	77°	
Fixture Power	21W	1	1.26	1.60	1313
Source Flux	3936lm	2	2.53	3.20	328
Fixture Flux	2003lm	3	3.79	4.79	146
Efficacy	94lm/W	4	5.05	6.39	82
TS2076	I _{max} =334cd/klm	I _{max}	1313cd	5	6.32 7.99 53

JEDI NOVA 55 PROJECTOR (2")

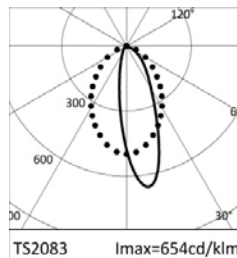
PHOTOMETRY

IES FILES WATTAGE AND EFFICIENCY CALCULATIONS BASED WITH SUPPLIED DRIVER

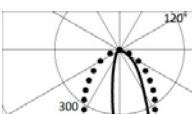
23" WW WITH LOUVER



2200K		H(m)	D1(m)	D2(m)	Emax(lx)		
Ra80			29°	75°			
Fixture Power	23W	1	0.53	1.55	1962		
Source Flux	3100lm	2	1.05	3.09	491		
Fixture Flux	1814lm	3	1.58	4.64	218		
Efficacy	79lm/W	4	2.11	6.19	123		
TS2083	I _{max} =654cd/klm	I _{max}	2028cd	5	2.63	7.73	78



2700K		H(m)	D1(m)	D2(m)	Emax(lx)		
Ra80			29°	75°			
Fixture Power	23W	1	0.53	1.55	2220		
Source Flux	3508lm	2	1.05	3.09	555		
Fixture Flux	2053lm	3	1.58	4.64	247		
Efficacy	90lm/W	4	2.11	6.19	139		
TS2083	I _{max} =654cd/klm	I _{max}	2295cd	5	2.63	7.73	89

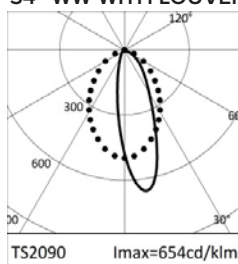


3000K		H(m)	D1(m)	D2(m)	Emax(lx)		
Ra80			29°	75°			
Fixture Power	23W	1	0.53	1.55	2296		
Source Flux	3628lm	2	1.05	3.09	574		
Fixture Flux	2123lm	3	1.58	4.64	255		
Efficacy	93lm/W	4	2.11	6.19	144		
TS2083	I _{max} =654cd/klm	I _{max}	2373cd	5	2.63	7.73	92



4000K		H(m)	D1(m)	D2(m)	Emax(lx)		
Ra80			29°	75°			
Fixture Power	23W	1	0.53	1.55	2428		
Source Flux	3836lm	2	1.05	3.09	607		
Fixture Flux	2244lm	3	1.58	4.64	270		
Efficacy	98lm/W	4	2.11	6.19	152		
TS2083	I _{max} =654cd/klm	I _{max}	2509cd	5	2.63	7.73	97

34" WW WITH LOUVER



2200K		H(m)	D1(m)	D2(m)	Emax(lx)		
Ra80			29°	75°			
Fixture Power	34W	1	0.53	1.55	2943		
Source Flux	4650lm	2	1.05	3.09	736		
Fixture Flux	2721lm	3	1.58	4.64	327		
Efficacy	79lm/W	4	2.11	6.19	184		
TS2090	I _{max} =654cd/klm	I _{max}	3042cd	5	2.63	7.73	118



2700K		H(m)	D1(m)	D2(m)	Emax(lx)		
Ra80			29°	75°			
Fixture Power	34W	1	0.53	1.55	3331		
Source Flux	5262lm	2	1.05	3.09	833		
Fixture Flux	3079lm	3	1.58	4.64	370		
Efficacy	90lm/W	4	2.11	6.19	208		
TS2090	I _{max} =654cd/klm	I _{max}	3442cd	5	2.63	7.73	133



3000K		H(m)	D1(m)	D2(m)	Emax(lx)		
Ra80			29°	75°			
Fixture Power	34W	1	0.53	1.55	3445		
Source Flux	5442lm	2	1.05	3.09	861		
Fixture Flux	3184lm	3	1.58	4.64	383		
Efficacy	93lm/W	4	2.11	6.19	215		
TS2090	I _{max} =654cd/klm	I _{max}	3560cd	5	2.63	7.73	138



4000K		H(m)	D1(m)	D2(m)	Emax(lx)		
Ra80			29°	75°			
Fixture Power	34W	1	0.53	1.55	3642		
Source Flux	5754lm	2	1.05	3.09	911		
Fixture Flux	3367lm	3	1.58	4.64	405		
Efficacy	98lm/W	4	2.11	6.19	228		
TS2090	I _{max} =654cd/klm	I _{max}	3764cd	5	2.63	7.73	146

45" WW WITH LOUVER



2200K		H(m)	D1(m)	D2(m)	Emax(lx)		
Ra80			29°	75°			
Fixture Power	46W	1	0.53	1.55	3924		
Source Flux	6200lm	2	1.05	3.09	981		
Fixture Flux	3628lm	3	1.58	4.64	436		
Efficacy	79lm/W	4	2.11	6.19	245		
TS2097	I _{max} =654cd/klm	I _{max}	4056cd	5	2.63	7.73	157



2700K		H(m)	D1(m)	D2(m)	Emax(lx)		
Ra80			29°	75°			
Fixture Power	46W	1	0.53	1.55	4441		
Source Flux	7016lm	2	1.05	3.09	1110		
Fixture Flux	4105lm	3	1.58	4.64	493		
Efficacy	90lm/W	4	2.11	6.19	278		
TS2097	I _{max} =654cd/klm	I _{max}	4590cd	5	2.63	7.73	178



3000K		H(m)	D1(m)	D2(m)	Emax(lx)		
Ra80			29°	75°			
Fixture Power	46W	1	0.53	1.55	4593		
Source Flux	7256lm	2	1.05	3.09	1148		
Fixture Flux	4246lm	3	1.58	4.64	510		
Efficacy	93lm/W	4	2.11	6.19	287		
TS2097	I _{max} =654cd/klm	I _{max}	4747cd	5	2.63	7.73	184



4000K		H(m)	D1(m)	D2(m)	Emax(lx)		
Ra80			29°	75°			
Fixture Power	46W	1	0.53	1.55	4856		
Source Flux	7672lm	2	1.05	3.09	1214		
Fixture Flux	4489lm	3	1.58	4.64	540		
Efficacy	98lm/W	4	2.11	6.19	304		
TS2097	I _{max} =654cd/klm	I _{max}	5019cd	5	2.63	7.73	194

JEDI NOVA 55 PROJECTOR (2")

PHOTOMETRY

IES FILES WATTAGE AND EFFICIENCY CALCULATIONS BASED WITH SUPPLIED DRIVER

23" OVAL FL 20° x 75° WITH LOUVER

	2200K	H(m)	D1(m)	D2(m)	Emax(lx)
	Ra80	17°	74°		
Fixture Power	23W	1	0.30	1.51	3512
Source Flux	3100lm	2	0.61	3.01	878
Fixture Flux	1854lm	3	0.91	4.52	390
Efficacy	81lm/W	4	1.21	6.02	220
TS2081	Imax=1133cd/klm	Imax	3512cd	5	1.52 7.53 140

	2700K	H(m)	D1(m)	D2(m)	Emax(lx)
	Ra80	17°	74°		
Fixture Power	23W	1	0.30	1.51	3974
Source Flux	3508lm	2	0.61	3.01	994
Fixture Flux	2098lm	3	0.91	4.52	442
Efficacy	92lm/W	4	1.21	6.02	248
TS2081	Imax=1133cd/klm	Imax	3974cd	5	1.52 7.53 159

	3000K	H(m)	D1(m)	D2(m)	Emax(lx)
	Ra80	17°	74°		
Fixture Power	23W	1	0.30	1.51	4110
Source Flux	3628lm	2	0.61	3.01	1028
Fixture Flux	2170lm	3	0.91	4.52	457
Efficacy	95lm/W	4	1.21	6.02	257
TS2081	Imax=1133cd/klm	Imax	4110cd	5	1.52 7.53 164

	4000K	H(m)	D1(m)	D2(m)	Emax(lx)
	Ra80	17°	74°		
Fixture Power	23W	1	0.30	1.51	4346
Source Flux	3836lm	2	0.61	3.01	1086
Fixture Flux	2294lm	3	0.91	4.52	483
Efficacy	100lm/W	4	1.21	6.02	272
TS2081	Imax=1133cd/klm	Imax	4346cd	5	1.52 7.53 174

34" OVAL FL 20° x 75° WITH LOUVER

	2200K	H(m)	D1(m)	D2(m)	Emax(lx)
	Ra80	17°	74°		
Fixture Power	34W	1	0.30	1.51	5268
Source Flux	4650lm	2	0.61	3.01	1317
Fixture Flux	2781lm	3	0.91	4.52	585
Efficacy	81lm/W	4	1.21	6.02	329
TS2088	Imax=1133cd/klm	Imax	5268cd	5	1.52 7.53 211

	2700K	H(m)	D1(m)	D2(m)	Emax(lx)
	Ra80	17°	74°		
Fixture Power	34W	1	0.30	1.51	5962
Source Flux	5262lm	2	0.61	3.01	1490
Fixture Flux	3147lm	3	0.91	4.52	662
Efficacy	92lm/W	4	1.21	6.02	373
TS2088	Imax=1133cd/klm	Imax	5962cd	5	1.52 7.53 238

	3000K	H(m)	D1(m)	D2(m)	Emax(lx)
	Ra80	17°	74°		
Fixture Power	34W	1	0.30	1.51	6165
Source Flux	5442lm	2	0.61	3.01	1541
Fixture Flux	3254lm	3	0.91	4.52	685
Efficacy	95lm/W	4	1.21	6.02	385
TS2088	Imax=1133cd/klm	Imax	6165cd	5	1.52 7.53 247

	4000K	H(m)	D1(m)	D2(m)	Emax(lx)
	Ra80	17°	74°		
Fixture Power	34W	1	0.30	1.51	6519
Source Flux	5754lm	2	0.61	3.01	1630
Fixture Flux	3441lm	3	0.91	4.52	724
Efficacy	100lm/W	4	1.21	6.02	407
TS2088	Imax=1133cd/klm	Imax	6519cd	5	1.52 7.53 261

45" OVAL FL 20° x 75° WITH LOUVER

	2200K	H(m)	D1(m)	D2(m)	Emax(lx)
	Ra80	17°	74°		
Fixture Power	46W	1	0.30	1.51	7024
Source Flux	6200lm	2	0.61	3.01	1756
Fixture Flux	3708lm	3	0.91	4.52	780
Efficacy	81lm/W	4	1.21	6.02	439
TS2095	Imax=1133cd/klm	Imax	7024cd	5	1.52 7.53 281

	2700K	H(m)	D1(m)	D2(m)	Emax(lx)
	Ra80	17°	74°		
Fixture Power	46W	1	0.30	1.51	7949
Source Flux	7016lm	2	0.61	3.01	1987
Fixture Flux	4196lm	3	0.91	4.52	883
Efficacy	92lm/W	4	1.21	6.02	497
TS2095	Imax=1133cd/klm	Imax	7949cd	5	1.52 7.53 318

	3000K	H(m)	D1(m)	D2(m)	Emax(lx)
	Ra80	17°	74°		
Fixture Power	46W	1	0.30	1.51	8221
Source Flux	7256lm	2	0.61	3.01	2055
Fixture Flux	4339lm	3	0.91	4.52	913
Efficacy	95lm/W	4	1.21	6.02	514
TS2095	Imax=1133cd/klm	Imax	8221cd	5	1.52 7.53 329

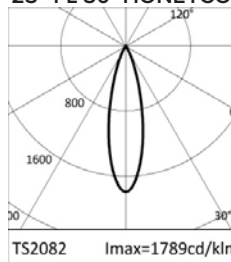
	4000K	H(m)	D1(m)	D2(m)	Emax(lx)
	Ra80	17°	74°		
Fixture Power	46W	1	0.30	1.51	8692
Source Flux	7672lm	2	0.61	3.01	2173
Fixture Flux	4588lm	3	0.91	4.52	966
Efficacy	100lm/W	4	1.21	6.02	543
TS2095	Imax=1133cd/klm	Imax	8692cd	5	1.52 7.53 348

JEDI NOVA 55 PROJECTOR (2")

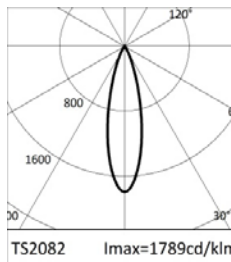
PHOTOMETRY

IES FILES WATTAGE AND EFFICIENCY CALCULATIONS BASED WITH SUPPLIED DRIVER

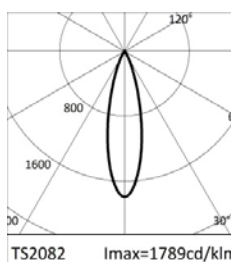
23" FL 30° HONEYCOMB WITH LOUVER



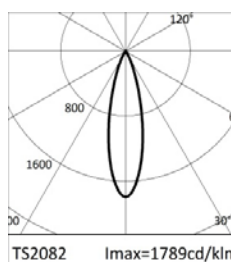
2200K	H(m)	D(m)	Emax(lx)
Ra80		27°	
Fixture Power	35W	1	0.47
Source Flux	3946lm	2	0.95
Fixture Flux	1925lm	3	1.42
Efficacy	55lm/W	4	1.89
TS2082	Imax=1789cd/klm	Imax	7060cd
		5	2.37



2700K	H(m)	D(m)	Emax(lx)
Ra80		27°	
Fixture Power	35W	1	0.47
Source Flux	4446lm	2	0.95
Fixture Flux	2169lm	3	1.42
Efficacy	62lm/W	4	1.89
TS2082	Imax=1789cd/klm	Imax	7954cd
		5	2.37

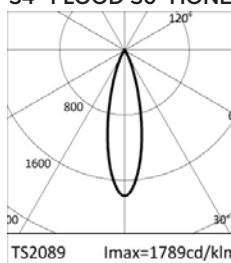


3000K	H(m)	D(m)	Emax(lx)
Ra80		27°	
Fixture Power	35W	1	0.47
Source Flux	4548lm	2	0.95
Fixture Flux	2219lm	3	1.42
Efficacy	63lm/W	4	1.89
TS2082	Imax=1789cd/klm	Imax	8137cd
		5	2.37

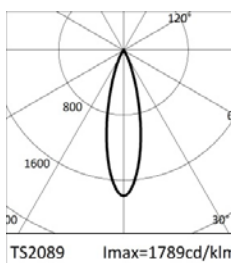


4000K	H(m)	D(m)	Emax(lx)
Ra80		27°	
Fixture Power	35W	1	0.47
Source Flux	4798lm	2	0.95
Fixture Flux	2341lm	3	1.42
Efficacy	67lm/W	4	1.89
TS2082	Imax=1789cd/klm	Imax	8584cd
		5	2.37

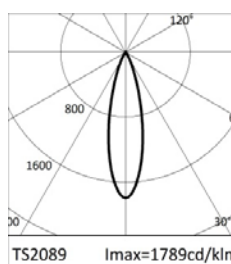
34" FLOOD 30° HONEYCOMB WITH LOUVER



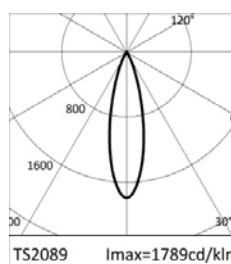
2200K	H(m)	D(m)	Emax(lx)
Ra80		27°	
Fixture Power	52W	1	0.47
Source Flux	5919lm	2	0.95
Fixture Flux	2888lm	3	1.42
Efficacy	55lm/W	4	1.89
TS2089	Imax=1789cd/klm	Imax	10590cd
		5	2.37



2700K	H(m)	D(m)	Emax(lx)
Ra80		27°	
Fixture Power	52W	1	0.47
Source Flux	6669lm	2	0.95
Fixture Flux	3253lm	3	1.42
Efficacy	62lm/W	4	1.89
TS2089	Imax=1789cd/klm	Imax	11931cd
		5	2.37

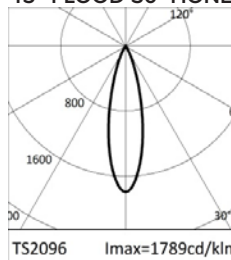


3000K	H(m)	D(m)	Emax(lx)
Ra80		27°	
Fixture Power	52W	1	0.47
Source Flux	6822lm	2	0.95
Fixture Flux	3328lm	3	1.42
Efficacy	64lm/W	4	1.89
TS2089	Imax=1789cd/klm	Imax	12205cd
		5	2.37

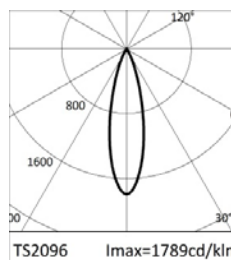


4000K	H(m)	D(m)	Emax(lx)
Ra80		27°	
Fixture Power	52W	1	0.47
Source Flux	7197lm	2	0.95
Fixture Flux	3511lm	3	1.42
Efficacy	67lm/W	4	1.89
TS2089	Imax=1789cd/klm	Imax	12876cd
		5	2.37

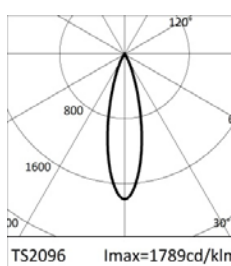
45" FLOOD 30° HONEYCOMB WITH LOUVER



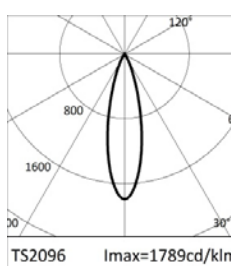
2200K	H(m)	D(m)	Emax(lx)
Ra80		27°	
Fixture Power	70W	1	0.47
Source Flux	7892lm	2	0.95
Fixture Flux	3850lm	3	1.42
Efficacy	55lm/W	4	1.89
TS2096	Imax=1789cd/klm	Imax	14120cd
		5	2.37



2700K	H(m)	D(m)	Emax(lx)
Ra80		27°	
Fixture Power	70W	1	0.47
Source Flux	8892lm	2	0.95
Fixture Flux	4338lm	3	1.42
Efficacy	62lm/W	4	1.89
TS2096	Imax=1789cd/klm	Imax	15909cd
		5	2.37



3000K	H(m)	D(m)	Emax(lx)
Ra80		27°	
Fixture Power	70W	1	0.47
Source Flux	9096lm	2	0.95
Fixture Flux	4437lm	3	1.42
Efficacy	63lm/W	4	1.89
TS2096	Imax=1789cd/klm	Imax	16274cd
		5	2.37



4000K	H(m)	D(m)	Emax(lx)
Ra80		27°	
Fixture Power	70W	1	0.47
Source Flux	9596lm	2	0.95
Fixture Flux	4681lm	3	1.42
Efficacy	67lm/W	4	1.89
TS2096	Imax=1789cd/klm	Imax	17168cd
		5	2.37

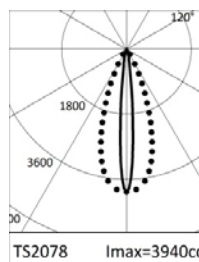
JEDI NOVA 55 PROJECTOR (2")

PHOTOMETRY

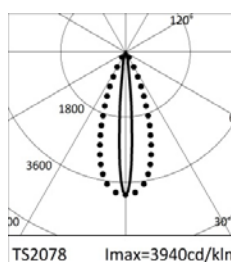
IES FILES WATTAGE AND EFFICIENCY CALCULATIONS BASED WITH SUPPLIED DRIVER

23" WG 10° x 40° WITH LOUVER

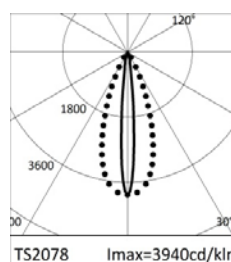
	2200K	H(m)	D1(m)	D2(m)	Emax(lx)		
	Ra80		10°	38°			
Fixture Power	35W	1	0.17	0.69	15547		
Source Flux	3946lm	2	0.35	1.38	3887		
Fixture Flux	2532lm	3	0.52	2.08	1727		
Efficacy	72lm/W	4	0.70	2.77	972		
TS2078	Imax=3940cd/klm	Imax	15547cd	5	0.87	3.46	622



	2700K	H(m)	D1(m)	D2(m)	Emax(lx)		
	Ra80		10°	38°			
Fixture Power	35W	1	0.17	0.69	17517		
Source Flux	4446lm	2	0.35	1.38	4379		
Fixture Flux	2853lm	3	0.52	2.08	1946		
Efficacy	82lm/W	4	0.70	2.77	1095		
TS2078	Imax=3940cd/klm	Imax	17517cd	5	0.87	3.46	701



	3000K	H(m)	D1(m)	D2(m)	Emax(lx)		
	Ra80		10°	38°			
Fixture Power	35W	1	0.17	0.69	17919		
Source Flux	4548lm	2	0.35	1.38	4480		
Fixture Flux	2918lm	3	0.52	2.08	1991		
Efficacy	83lm/W	4	0.70	2.77	1120		
TS2078	Imax=3940cd/klm	Imax	17919cd	5	0.87	3.46	717

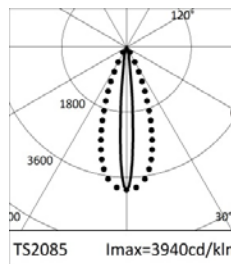


	4000K	H(m)	D1(m)	D2(m)	Emax(lx)		
	Ra80		10°	38°			
Fixture Power	35W	1	0.17	0.69	18904		
Source Flux	4798lm	2	0.35	1.38	4726		
Fixture Flux	3078lm	3	0.52	2.08	2100		
Efficacy	88lm/W	4	0.70	2.77	1181		
TS2078	Imax=3940cd/klm	Imax	18904cd	5	0.87	3.46	756

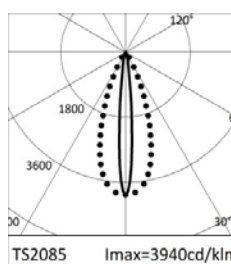
34" WG 10° x 40° WITH LOUVER

34" W x 15" H WITH LOUVER

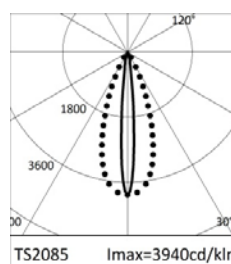
	2200K		H(m)	D1(m)	D2(m)	Emax(lx)	
	Ra80			10°	38°		
Fixture Power	52W	1	0.17	0.69	23320		
Source Flux	5919lm	2	0.35	1.38	5830		
Fixture Flux	3798lm	3	0.52	2.08	2591		
Efficacy	72lm/W	4	0.70	2.77	1458		
TS2085	Imax=3940cd/klm	Imax	23320cd	5	0.87	3.46	933



	2700K	H(m)	D1(m)	D2(m)	Emax(lx)		
	Ra80		10°	38°			
Fixture Power	52W	1	0.17	0.69	26275		
Source Flux	6669lm	2	0.35	1.38	6569		
Fixture Flux	4279lm	3	0.52	2.08	2919		
Efficacy	82lm/W	4	0.70	2.77	1642		
TS2085	Imax=3940cd/klm	Imax	26275cd	5	0.87	3.46	1051



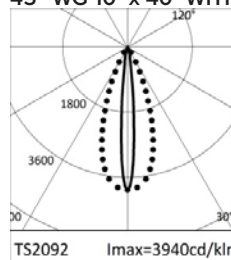
	3000K	H(m)	D1(m)	D2(m)	Emax(lx)		
	Ra80		10°	38°			
Fixture Power	52W	1	0.17	0.69	26878		
Source Flux	6822lm	2	0.35	1.38	6719		
Fixture Flux	4377lm	3	0.52	2.08	2986		
Efficacy	84lm/W	4	0.70	2.77	1680		
TS2085	Imax=3940cd/klm	Imax	26878cd	5	0.87	3.46	1075



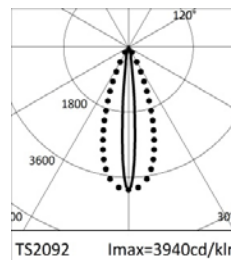
	4000K	H(m)	D1(m)	D2(m)	Emax(lx)		
	Ra80		10°	38°			
Fixture Power	52W	1	0.17	0.69	28355		
Source Flux	7197lm	2	0.35	1.38	7089		
Fixture Flux	4618lm	3	0.52	2.08	3151		
Efficacy	88lm/W	4	0.70	2.77	1772		
TS2085	Imax=3940cd/klm	Imax	28355cd	5	0.87	3.46	1134

45" WG 10° x 40° WITH LOUVER

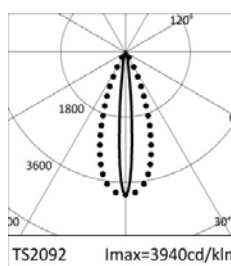
TS2092 45" W x 10" H WITH LOUVER



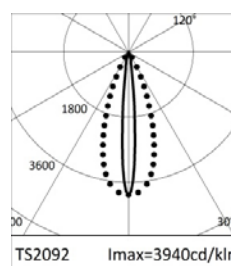
	2200K	H(m)	D1(m)	D2(m)	Emax(lx)		
	Ra80		10°	38°			
Fixture Power	70W	1	0.17	0.69	31094		
Source Flux	7892lm	2	0.35	1.38	7773		
Fixture Flux	5064lm	3	0.52	2.08	3455		
Efficacy	72lm/W	4	0.70	2.77	1943		
TS2092	Imax=3940cd/klm	Imax	31094cd	5	0.87	3.46	1244



	2700K	H(m)	D1(m)	D2(m)	Emax(lx)		
	Ra80		10°	38°			
Fixture Power	70W	1	0.17	0.69	35034		
Source Flux	8892lm	2	0.35	1.38	8758		
Fixture Flux	5705lm	3	0.52	2.08	3893		
Efficacy	82lm/W	4	0.70	2.77	2190		
TS2092	Imax=3940cd/klm	Imax	35034cd	5	0.87	3.46	1401



	3000K	H(m)	D1(m)	D2(m)	Emax(lx)		
	Ra80		10°	38°			
Fixture Power	70W	1	0.17	0.69	35837		
Source Flux	9096lm	2	0.35	1.38	8959		
Fixture Flux	5836lm	3	0.52	2.08	3982		
Efficacy	83lm/W	4	0.70	2.77	2240		
TS2092	Imax=3940cd/klm	Imax	35837cd	5	0.87	3.46	1433



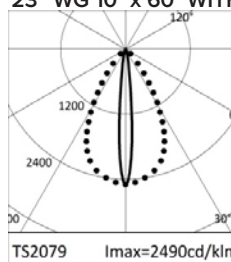
	4000K	H(m)	D1(m)	D2(m)	Emax(lx)		
	Ra80		10°	38°			
Fixture Power	70W	1	0.17	0.69	37807		
Source Flux	9596lm	2	0.35	1.38	9452		
Fixture Flux	6157lm	3	0.52	2.08	4201		
Efficacy	88lm/W	4	0.70	2.77	2363		
TS2092	Imax=3940cd/klm	Imax	37807cd	5	0.87	3.46	1512

JEDI NOVA 55 PROJECTOR (2")

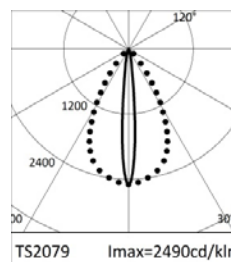
PHOTOMETRY

IES FILES WATTAGE AND EFFICIENCY CALCULATIONS BASED WITH SUPPLIED DRIVER

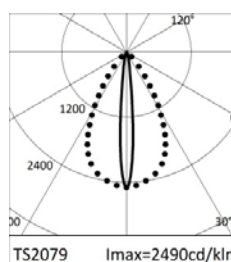
23" WG 10° x 60° WITH LOUVER



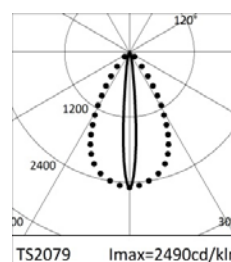
	2200K	H(m)	D1(m)	D2(m)	Emax(lx)		
	Ra80		11°	59°			
Fixture Power	35W	1	0.19	1.14	9825		
Source Flux	3946lm	2	0.37	2.28	2456		
Fixture Flux	2494lm	3	0.56	3.42	1092		
Efficacy	71lm/W	4	0.74	4.56	614		
TS2079	I _{max} =2490cd/klm	I _{max}	9825cd	5	0.93	5.70	393



	2700K	H(m)	D1(m)	D2(m)	Emax(lx)		
	Ra80		11°	59°			
Fixture Power	35W	1	0.19	1.14	11070		
Source Flux	4446lm	2	0.37	2.28	2767		
Fixture Flux	2810lm	3	0.56	3.42	1230		
Efficacy	80lm/W	4	0.74	4.56	692		
TS2079	I _{max} =2490cd/klm	I _{max}	11070cd	5	0.93	5.70	443



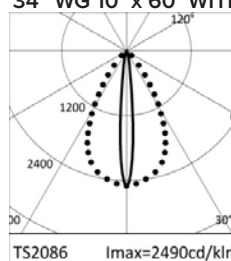
	3000K	H(m)	D1(m)	D2(m)	Emax(lx)		
	Ra80		11°	59°			
Fixture Power	35W	1	0.19	1.14	11324		
Source Flux	4548lm	2	0.37	2.28	2831		
Fixture Flux	2875lm	3	0.56	3.42	1258		
Efficacy	82lm/W	4	0.74	4.56	708		
TS2079	I _{max} =2490cd/klm	I _{max}	11324cd	5	0.93	5.70	453



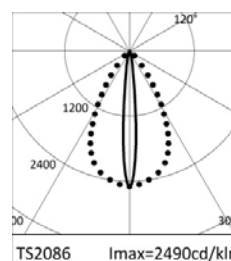
	4000K	H(m)	D1(m)	D2(m)	Emax(lx)		
	Ra80		11°	59°			
Fixture Power	35W	1	0.19	1.14	11946		
Source Flux	4798lm	2	0.37	2.28	2987		
Fixture Flux	3033lm	3	0.56	3.42	1327		
Efficacy	87lm/W	4	0.74	4.56	747		
TS2079	I _{max} =2490cd/klm	I _{max}	11946cd	5	0.93	5.70	478

34" WG 10° x 60° WITH LOUVER

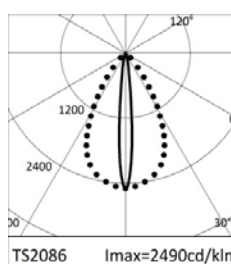
34" WS 16" x 60" WITH COVER



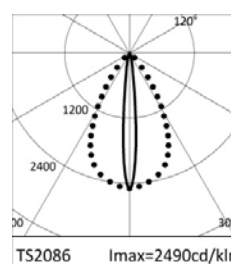
	2200K	H(m)	D1(m)	D2(m)	Emax(lx)		
	Ra80		11°	59°			
Fixture Power	52W	1	0.19	1.14	14737		
Source Flux	5919lm	2	0.37	2.28	3684		
Fixture Flux	3742lm	3	0.56	3.42	1637		
Efficacy	71lm/W	4	0.74	4.56	921		
TS2086	I _{max} =2490cd/klm	I _{max}	14737cd	5	0.93	5.70	589



	2700K	H(m)	D1(m)	D2(m)	Emax(lx)		
	Ra80		11°	59°			
Fixture Power	52W	1	0.19	1.14	16604		
Source Flux	6669lm	2	0.37	2.28	4151		
Fixture Flux	4216lm	3	0.56	3.42	1845		
Efficacy	80lm/W	4	0.74	4.56	1038		
TS2086	I _{max} =2490cd/klm	I _{max}	16604cd	5	0.93	5.70	664

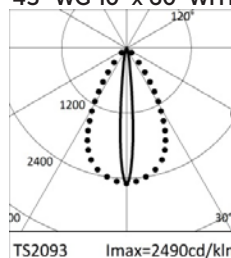


	3000K	H(m)	D1(m)	D2(m)	Emax(lx)		
	Ra80		11°	59°			
Fixture Power	52W	1	0.19	1.14	16985		
Source Flux	6822lm	2	0.37	2.28	4246		
Fixture Flux	4312lm	3	0.56	3.42	1887		
Efficacy	82lm/W	4	0.74	4.56	1062		
TS2086	I _{max} =2490cd/klm	I _{max}	16985cd	5	0.93	5.70	679

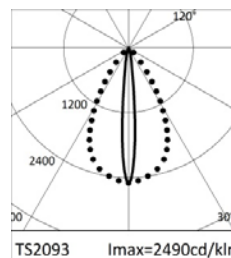


	4000K	H(m)	D1(m)	D2(m)	Emax(lx)		
	Ra80		11°	59°			
Fixture Power	52W	1	0.19	1.14	17919		
Source Flux	7197lm	2	0.37	2.28	4480		
Fixture Flux	4549lm	3	0.56	3.42	1991		
Efficacy	87lm/W	4	0.74	4.56	1120		
TS2086	I _{max} =2490cd/klm	I _{max}	17919cd	5	0.93	5.70	717

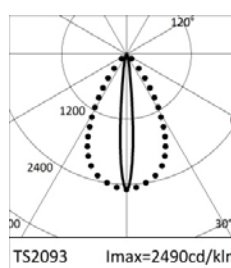
45" WG 10° x 60° WITH LOUVER



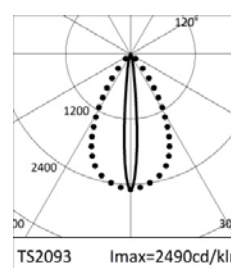
	2200K	H(m)	D1(m)	D2(m)	Emax(lx)		
	Ra80		11°	59°			
Fixture Power	70W	1	0.19	1.14	19649		
Source Flux	7892lm	2	0.37	2.28	4912		
Fixture Flux	4989lm	3	0.56	3.42	2183		
Efficacy	71lm/W	4	0.74	4.56	1228		
TS2093	I _{max} =2490cd/klm	I _{max}	19649cd	5	0.93	5.70	786



	2700K	H(m)	D1(m)	D2(m)	Emax(lx)		
	Ra80		11°	59°			
Fixture Power	70W	1	0.19	1.14	22139		
Source Flux	8892lm	2	0.37	2.28	5535		
Fixture Flux	5621lm	3	0.56	3.42	2460		
Efficacy	80lm/W	4	0.74	4.56	1384		
TS2093	I _{max} =2490cd/klm	I _{max}	22139cd	5	0.93	5.70	886



	3000K	H(m)	D1(m)	D2(m)	Emax(lx)		
	Ra80		11°	59°			
Fixture Power	70W	1	0.19	1.14	22647		
Source Flux	9096lm	2	0.37	2.28	5662		
Fixture Flux	5750lm	3	0.56	3.42	2516		
Efficacy	82lm/W	4	0.74	4.56	1415		
TS2093	I _{max} =2490cd/klm	I _{max}	22647cd	5	0.93	5.70	906



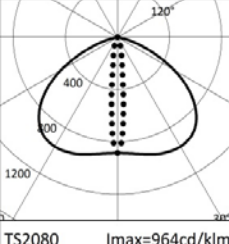
	4000K	H(m)	D1(m)	D2(m)	Emax(lx)
	Ra80		11°	59°	
Fixture Power	70W	1	0.19	1.14	23892
Source Flux	9596lm	2	0.37	2.28	5973
Fixture Flux	6066lm	3	0.56	3.42	2655
Efficacy	87lm/W	4	0.74	4.56	1493
TS2093	I _{max} =2490cd/klm	I _{max}	23892cd	5	0.93

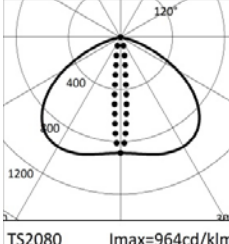
JEDI NOVA 55 PROJECTOR (2")

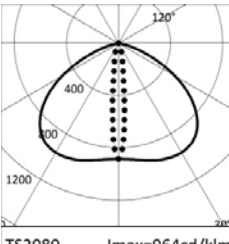
PHOTOMETRY

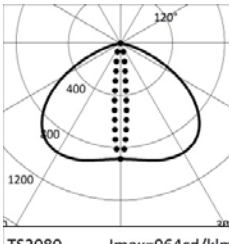
IES FILES WATTAGE AND EFFICIENCY CALCULATIONS BASED WITH SUPPLIED DRIVER

23" WG 10° x 120° WITH LOUVER

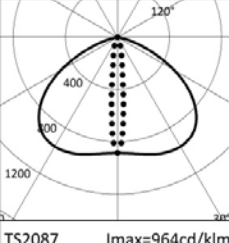
	2200K	H(m)	D1(m)	D2(m)	E _{max} (lx)
	Ra80		121°	11°	
	Fixture Power	35W	1	3.55	0.19 3485
	Source Flux	3946lm	2	7.10	0.38 871
	Fixture Flux	2171lm	3	10.65	0.57 387
	Efficacy	62lm/W	4	14.19	0.76 218
TS2080	I _{max} =964cd/klm	I _{max}	3803cd	5	17.74 0.95 139

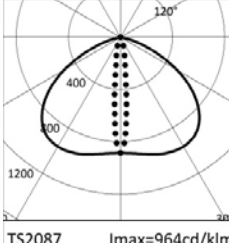
	2700K	H(m)	D1(m)	D2(m)	E _{max} (lx)
	Ra80		121°	11°	
	Fixture Power	35W	1	3.55	0.19 3927
	Source Flux	4446lm	2	7.10	0.38 982
	Fixture Flux	2446lm	3	10.65	0.57 436
	Efficacy	70lm/W	4	14.19	0.76 245
TS2080	I _{max} =964cd/klm	I _{max}	4285cd	5	17.74 0.95 157

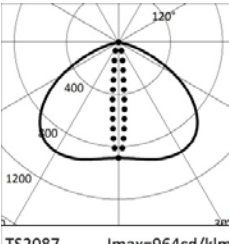
	3000K	H(m)	D1(m)	D2(m)	E _{max} (lx)
	Ra80		121°	11°	
	Fixture Power	35W	1	3.55	0.19 4017
	Source Flux	4548lm	2	7.10	0.38 1004
	Fixture Flux	2502lm	3	10.65	0.57 446
	Efficacy	71lm/W	4	14.19	0.76 251
TS2080	I _{max} =964cd/klm	I _{max}	4383cd	5	17.74 0.95 161

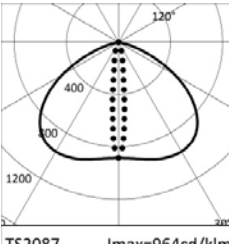
	4000K	H(m)	D1(m)	D2(m)	E _{max} (lx)
	Ra80		121°	11°	
	Fixture Power	35W	1	3.55	0.19 4237
	Source Flux	4798lm	2	7.10	0.38 1059
	Fixture Flux	2640lm	3	10.65	0.57 471
	Efficacy	75lm/W	4	14.19	0.76 265
TS2080	I _{max} =964cd/klm	I _{max}	4624cd	5	17.74 0.95 169

34" WG 10° x 120° WITH LOUVER

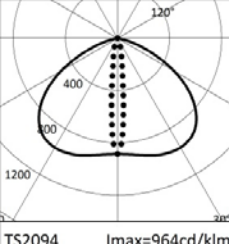
	2200K	H(m)	D1(m)	D2(m)	E _{max} (lx)
	Ra80		121°	11°	
	Fixture Power	52W	1	3.55	0.19 5227
	Source Flux	5919lm	2	7.10	0.38 1307
	Fixture Flux	3257lm	3	10.65	0.57 581
	Efficacy	62lm/W	4	14.19	0.76 327
TS2087	I _{max} =964cd/klm	I _{max}	5705cd	5	17.74 0.95 209

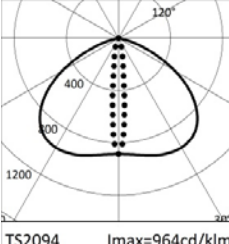
	2700K	H(m)	D1(m)	D2(m)	E _{max} (lx)
	Ra80		121°	11°	
	Fixture Power	52W	1	3.55	0.19 5890
	Source Flux	6669lm	2	7.10	0.38 1472
	Fixture Flux	3669lm	3	10.65	0.57 654
	Efficacy	70lm/W	4	14.19	0.76 368
TS2087	I _{max} =964cd/klm	I _{max}	6427cd	5	17.74 0.95 236

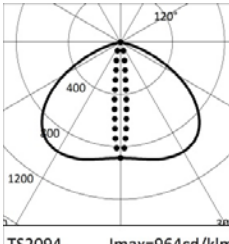
	3000K	H(m)	D1(m)	D2(m)	E _{max} (lx)
	Ra80		121°	11°	
	Fixture Power	52W	1	3.55	0.19 6025
	Source Flux	6822lm	2	7.10	0.38 1506
	Fixture Flux	3753lm	3	10.65	0.57 669
	Efficacy	72lm/W	4	14.19	0.76 377
TS2087	I _{max} =964cd/klm	I _{max}	6575cd	5	17.74 0.95 241

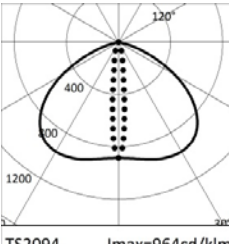
	4000K	H(m)	D1(m)	D2(m)	E _{max} (lx)
	Ra80		121°	11°	
	Fixture Power	52W	1	3.55	0.19 6356
	Source Flux	7197lm	2	7.10	0.38 1589
	Fixture Flux	3960lm	3	10.65	0.57 706
	Efficacy	76lm/W	4	14.19	0.76 397
TS2087	I _{max} =964cd/klm	I _{max}	6936cd	5	17.74 0.95 254

45" WG 10° x 120° WITH LOUVER

	2200K	H(m)	D1(m)	D2(m)	E _{max} (lx)
	Ra80		121°	11°	
	Fixture Power	70W	1	3.55	0.19 6970
	Source Flux	7892lm	2	7.10	0.38 1742
	Fixture Flux	4342lm	3	10.65	0.57 774
	Efficacy	62lm/W	4	14.19	0.76 436
TS2094	I _{max} =964cd/klm	I _{max}	7606cd	5	17.74 0.95 279

	2700K	H(m)	D1(m)	D2(m)	E _{max} (lx)
	Ra80		121°	11°	
	Fixture Power	70W	1	3.55	0.19 7853
	Source Flux	8892lm	2	7.10	0.38 1963
	Fixture Flux	4892lm	3	10.65	0.57 873
	Efficacy	70lm/W	4	14.19	0.76 491
TS2094	I _{max} =964cd/klm	I _{max}	8570cd	5	17.74 0.95 314

	3000K	H(m)	D1(m)	D2(m)	E _{max} (lx)
	Ra80		121°	11°	
	Fixture Power	70W	1	3.55	0.19 8033
	Source Flux	9096lm	2	7.10	0.38 2008
	Fixture Flux	5005lm	3	10.65	0.57 893
	Efficacy	71lm/W	4	14.19	0.76 502
TS2094	I _{max} =964cd/klm	I _{max}	8767cd	5	17.74 0.95 321

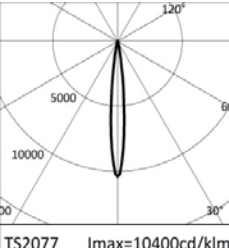
	4000K	H(m)	D1(m)	D2(m)	E _{max} (lx)
	Ra80		121°	11°	
	Fixture Power	70W	1	3.55	0.19 8475
	Source Flux	9596lm	2	7.10	0.38 2119
	Fixture Flux	5280lm	3	10.65	0.57 942
	Efficacy	75lm/W	4	14.19	0.76 530
TS2094	I _{max} =964cd/klm	I _{max}	9248cd	5	17.74 0.95 339

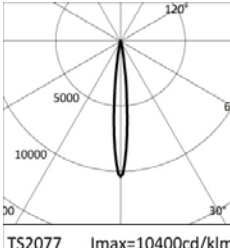
JEDI NOVA 55 PROJECTOR (2")

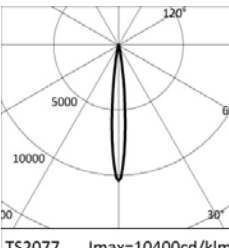
PHOTOMETRY

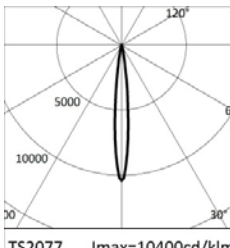
IES FILES WATTAGE AND EFFICIENCY CALCULATIONS BASED WITH SUPPLIED DRIVER

23" SP 12° WITH HONEYCOMB LOUVER

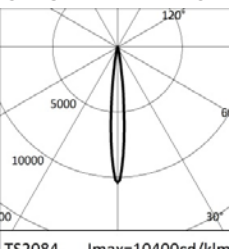
	2200K	H(m)	D(m)	Emax(lx)
	Ra80		11°	
	Fixture Power	35W	1	0.19 41038
	Source Flux	3946lm	2	0.39 10260
	Fixture Flux	2372lm	3	0.58 4560
	Efficacy	68lm/W	4	0.78 2565
TS2077	Imax=10400cd/klm	Imax	41038cd	5 0.97 1642

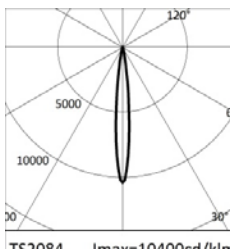
	2700K	H(m)	D(m)	Emax(lx)
	Ra80		11°	
	Fixture Power	35W	1	0.19 46238
	Source Flux	4446lm	2	0.39 11560
	Fixture Flux	2672lm	3	0.58 5138
	Efficacy	76lm/W	4	0.78 2890
TS2077	Imax=10400cd/klm	Imax	46238cd	5 0.97 1850

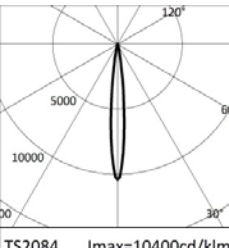
	3000K	H(m)	D(m)	Emax(lx)
	Ra80		11°	
	Fixture Power	35W	1	0.19 47299
	Source Flux	4548lm	2	0.39 11825
	Fixture Flux	2734lm	3	0.58 5255
	Efficacy	78lm/W	4	0.78 2956
TS2077	Imax=10400cd/klm	Imax	47299cd	5 0.97 1892

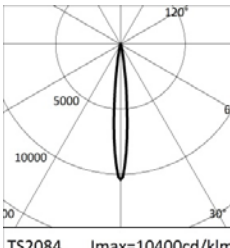
	4000K	H(m)	D(m)	Emax(lx)
	Ra80		11°	
	Fixture Power	35W	1	0.19 49899
	Source Flux	4798lm	2	0.39 12475
	Fixture Flux	2884lm	3	0.58 5544
	Efficacy	82lm/W	4	0.78 3119
TS2077	Imax=10400cd/klm	Imax	49899cd	5 0.97 1996

34" SP 12° WITH HONEYCOMB LOUVER

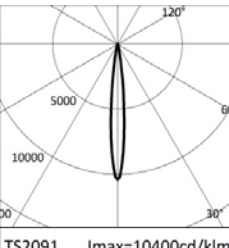
	2200K	H(m)	D(m)	Emax(lx)
	Ra80		11°	
	Fixture Power	52W	1	0.19 61558
	Source Flux	5919lm	2	0.39 15389
	Fixture Flux	3558lm	3	0.58 6840
	Efficacy	68lm/W	4	0.78 3847
TS2084	Imax=10400cd/klm	Imax	61558cd	5 0.97 2462

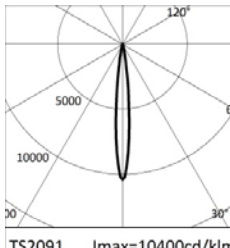
	2700K	H(m)	D(m)	Emax(lx)
	Ra80		11°	
	Fixture Power	52W	1	0.19 69358
	Source Flux	6669lm	2	0.39 17339
	Fixture Flux	4009lm	3	0.58 7706
	Efficacy	77lm/W	4	0.78 4335
TS2084	Imax=10400cd/klm	Imax	69358cd	5 0.97 2774

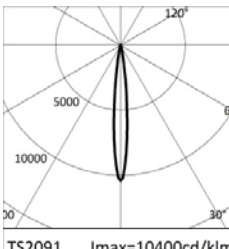
	3000K	H(m)	D(m)	Emax(lx)
	Ra80		11°	
	Fixture Power	52W	1	0.19 70949
	Source Flux	6822lm	2	0.39 17737
	Fixture Flux	4101lm	3	0.58 7883
	Efficacy	78lm/W	4	0.78 4434
TS2084	Imax=10400cd/klm	Imax	70949cd	5 0.97 2838

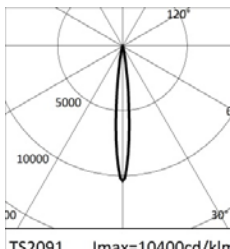
	4000K	H(m)	D(m)	Emax(lx)
	Ra80		11°	
	Fixture Power	52W	1	0.19 74849
	Source Flux	7197lm	2	0.39 18712
	Fixture Flux	4326lm	3	0.58 8317
	Efficacy	83lm/W	4	0.78 4678
TS2084	Imax=10400cd/klm	Imax	74849cd	5 0.97 2994

45" SP 12° WITH HONEYCOMB LOUVER

	2200K	H(m)	D(m)	Emax(lx)
	Ra80		11°	
	Fixture Power	70W	1	0.19 82077
	Source Flux	7892lm	2	0.39 20519
	Fixture Flux	4744lm	3	0.58 9120
	Efficacy	68lm/W	4	0.78 5130
TS2091	Imax=10400cd/klm	Imax	82077cd	5 0.97 3283

	2700K	H(m)	D(m)	Emax(lx)
	Ra80		11°	
	Fixture Power	70W	1	0.19 92477
	Source Flux	8892lm	2	0.39 23119
	Fixture Flux	5345lm	3	0.58 10275
	Efficacy	76lm/W	4	0.78 5780
TS2091	Imax=10400cd/klm	Imax	92477cd	5 0.97 3699

	3000K	H(m)	D(m)	Emax(lx)
	Ra80		11°	
	Fixture Power	70W	1	0.19 94598
	Source Flux	9096lm	2	0.39 23650
	Fixture Flux	5467lm	3	0.58 10511
	Efficacy	78lm/W	4	0.78 5912
TS2091	Imax=10400cd/klm	Imax	94598cd	5 0.97 3784

	4000K	H(m)	D(m)	Emax(lx)
	Ra80		11°	
	Fixture Power	70W	1	0.19 99798
	Source Flux	9596lm	2	0.39 24950
	Fixture Flux	5768lm	3	0.58 11089
	Efficacy	82lm/W	4	0.78 6237
TS2091	Imax=10400cd/klm	Imax	99798cd	5 0.97 3992