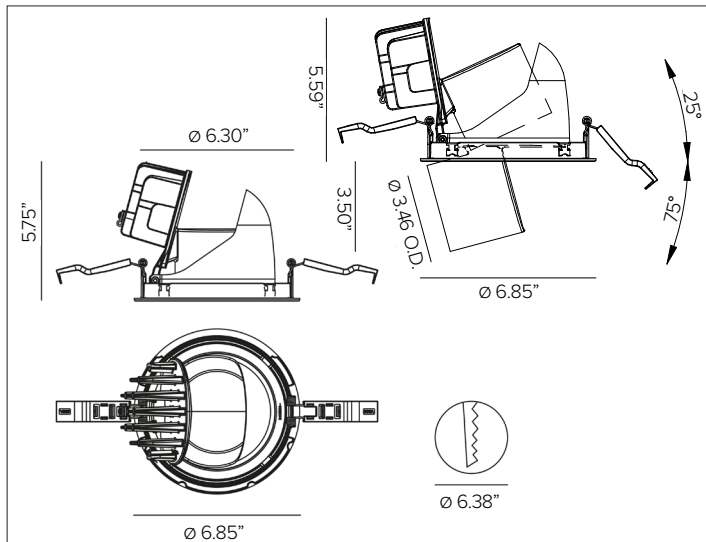


EVO EXTRACTABLE 162

Extractable 6" LED Downlight Projector



CONCEPT

Recessed extractable LED projector.

MECHANICAL CHARACTERISTICS

Housing	3.00" Aperture
Materials	Die-cast anodized aluminum body, painted finish.
Trim	Available in a trim version with an integrated black or white ring.
Installation	Non-IC plaster frame or IC/Air tight housing.
Mounting	Friction rotation system with adjustability of the fixture from -25°/+75° on a vertical plane and can be manually aimed to 358° on a horizontal plane.
Finish	● Plaster White ● Deep Black
Weight	2.54lbs
Protection	IP20

CERTIFICATIONS

cULus Listed E77426
Compliant for California installations.
RoHS3 EU 215/863

WARRANTY

5 year limited warranty

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	Integral in housing. 120V Version: 4/1 smart driver (Non-Dimmable / 0-10V / Reverse Phase / Forward Phase). 277V Version: 0-10V
Wattage	27W / 38W nominal
Control	0-10V: Dim-to-Dark 0%
Voltage	120V or 277V AC 50/60Hz

SOURCE

High efficiency LED Chip on Board.

TM30	CCT (Nominal)	CRI	Rf	Rg	SDCM
	2700K	90	92	99	2
	3000K	90	92	101	2
	3500K	90	91	100	2
	4000K	90	90	98	2

OPTIC

Equipped with convex faceted highly reflective anodized aluminum reflector and a holographic diffusion filter.

Beam	SP 17°	FL 32°	MWFL 48°	WFL 57°
Delivered Lumens	2700K 3,350Lm	3,361Lm	3,413Lm	3,391Lm
<i>Refer to photometry section for all fixture variations.</i>	3000K 3,484Lm	3,496Lm	3,549Lm	3,527Lm
	3500K 3,535Lm	3,547Lm	3,601Lm	3,578Lm
	4000K 3,538Lm	3,549Lm	3,603Lm	3,581Lm
Efficacy	92Lm/W max. Refer to photometric graphs for specific values.			
Lifetime	L92/B10 >30,000hrs at max TA +25°C L90/B10 >50,000hrs at max TA +25°C			
Photobiological Classification	Low risk photobiological safety RG1			

EVO EXTRACTABLE 162

SPECIFICATION INFORMATION

CEE	162							
1	2	3	4	5	6	7	8	

Ex: CEE162SPL127PW

1 - PRODUCT CODE	2 - TYPE	3 - OPTICS	4 - WATTAGE	5 - KELVIN	6 - FIXTURE FINISH
CEE — EVO Extractable	162 — 6" Dia.	SP — SP 17° FL — FL 32° MF — MWFL 48° WF — WFL 57°	L1 — 27W L2 — 40W	27 — 2700K 30 — 3000K 35 — 3500K 40 — 4000K	PW — Plaster White DB — Deep Black

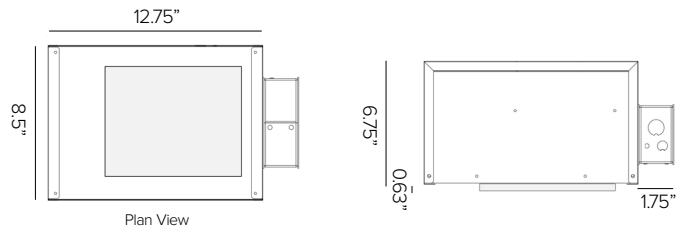
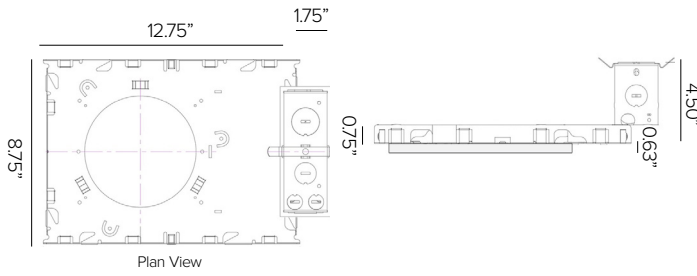
7 - INSTALLATION	8 - OPTICAL ACCESSORIES
Non-IC Housing See section for details IC Housing See section for details	Accessory Holder See section for details Softening Lens See section for details Linear Spread Lens See section for details Honeycomb Louver See section for details Cut-Off Tube See section for details

KEY FEATURES



EVO EXTRACTABLE 162

7 – INSTALLATION (REQUIRED)



Non-IC plaster frame with pre-installed 5/8" fiber board with cut out for ease of installation in drywall.

IC/Air tight housing with pre-installed 5/8" fiber board with cut out for ease of installation in drywall.

Wattage	L1 (27W)	L2 (38W)
Voltage	120V	120V
Part No.	CCE162NCL112041	CCE162NCL212041
Voltage	277V	277V
Part No.	CCE162NCL127710	CCE162NCL227710

Wattage	L1 (27W)	L2 (38W)
Voltage	120V	120V
Part No.	CCE162ICL112041	CCE162ICL212041
Voltage	277V	277V
Part No.	CCE162ICL127710	CCE162ICL227710

9 – OPTICAL ACCESSORIES (OPTIONAL)

MAXIMUM OF TWO ACCESSORY PER FIXTURE.



Accessory holder, transparent polycarbonate.

Part No. **1T3727**



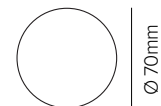
Softening lens. Flat glass micro prismatic refractive diffusive filter. **To be completed with 1T3727.**

Part No. **1T1709**



'Blade of Light' linear spread lens. Flat glass, grooved refractive filter. **To be completed with 1T3727.**

Part No. **1T1708**



Anti-glare louver. Lacquered metal honeycomb structure. **To be completed with 1T3727.**

Part No. **1T1711**



Cut-off tube. Allows for the beam to be focused while removing the 'fall-off' light.

Part No. **1T3142**

EVO EXTRACTABLE 162

PHOTOMETRY

SPOT

		2700K	H(m)	D(m)	Emax(lx)	
		Ra90		17°		
Fixture Power	27W	1	0.31	15711		
Source Flux	3012lm	2	0.61	3928		
Fixture Flux	2318lm	3	0.92	1746		
Efficacy	86lm/W	4	1.22	982		
TS1309	I _{max} =5216cd/klm	I _{max}	15711cd	5	1.53	628

		3000K	H(m)	D(m)	Emax(lx)	
		Ra90		17°		
Fixture Power	27W	1	0.31	16337		
Source Flux	3132lm	2	0.61	4084		
Fixture Flux	2411lm	3	0.92	1815		
Efficacy	89lm/W	4	1.22	1021		
TS1309	I _{max} =5216cd/klm	I _{max}	16337cd	5	1.53	653

		3500K	H(m)	D(m)	Emax(lx)	
		Ra90		17°		
Fixture Power	27W	1	0.31	16567		
Source Flux	3176lm	2	0.61	4142		
Fixture Flux	2445lm	3	0.92	1841		
Efficacy	91lm/W	4	1.22	1035		
TS1309	I _{max} =5216cd/klm	I _{max}	16567cd	5	1.53	663

		4000K	H(m)	D(m)	Emax(lx)	
		Ra90		17°		
Fixture Power	27W	1	0.31	16588		
Source Flux	3180lm	2	0.61	4147		
Fixture Flux	2448lm	3	0.92	1843		
Efficacy	91lm/W	4	1.22	1037		
TS1309	I _{max} =5216cd/klm	I _{max}	16588cd	5	1.53	664

		2700K	H(m)	D(m)	Emax(lx)	
		Ra90		17°		
Fixture Power	40W	1	0.31	22706		
Source Flux	4353lm	2	0.61	5677		
Fixture Flux	3350lm	3	0.92	2523		
Efficacy	84lm/W	4	1.22	1419		
TS1310	I _{max} =5216cd/klm	I _{max}	22706cd	5	1.53	908

		3000K	H(m)	D(m)	Emax(lx)	
		Ra90		17°		
Fixture Power	40W	1	0.31	23614		
Source Flux	4527lm	2	0.61	5903		
Fixture Flux	3484lm	3	0.92	2624		
Efficacy	87lm/W	4	1.22	1476		
TS1310	I _{max} =5216cd/klm	I _{max}	23614cd	5	1.53	945

		3500K	H(m)	D(m)	Emax(lx)	
		Ra90		17°		
Fixture Power	40W	1	0.31	23958		
Source Flux	4593lm	2	0.61	5990		
Fixture Flux	3535lm	3	0.92	2662		
Efficacy	88lm/W	4	1.22	1497		
TS1310	I _{max} =5216cd/klm	I _{max}	23958cd	5	1.53	958

		4000K	H(m)	D(m)	Emax(lx)	
		Ra90		17°		
Fixture Power	40W	1	0.31	23974		
Source Flux	4596lm	2	0.61	5993		
Fixture Flux	3538lm	3	0.92	2664		
Efficacy	88lm/W	4	1.22	1498		
TS1310	I _{max} =5216cd/klm	I _{max}	23974cd	5	1.53	959

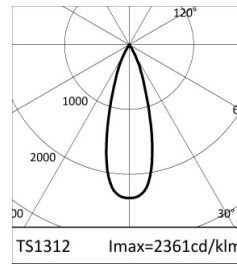
EVO EXTRACTABLE 162

PHOTOMETRY

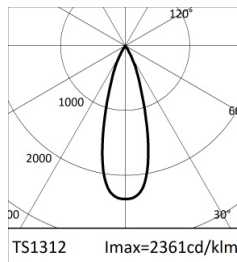
FLOOD



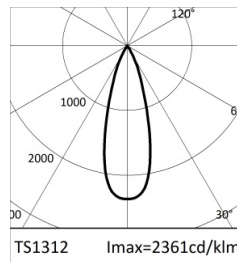
		2700K	H(m)	D(m)	Emax(lx)	
		Ra90		32°		
Fixture Power	27W	1	0.57	7111		
Source Flux	3012lm	2	1.13	1778		
Fixture Flux	2326lm	3	1.70	790		
Efficacy	86lm/W	4	2.27	444		
TS1312	I _{max} =2361cd/klm	I _{max}	7111cd	5	2.83	284



		3000K	H(m)	D(m)	Emax(lx)	
		Ra90		32°		
Fixture Power	27W	1	0.57	7394		
Source Flux	3132lm	2	1.13	1849		
Fixture Flux	2418lm	3	1.70	822		
Efficacy	90lm/W	4	2.27	462		
TS1312	I _{max} =2361cd/klm	I _{max}	7394cd	5	2.83	296



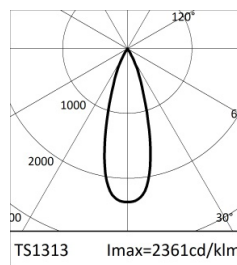
		3500K	H(m)	D(m)	Emax(lx)	
		Ra90		32°		
Fixture Power	27W	1	0.57	7498		
Source Flux	3176lm	2	1.13	1875		
Fixture Flux	2452lm	3	1.70	833		
Efficacy	91lm/W	4	2.27	469		
TS1312	I _{max} =2361cd/klm	I _{max}	7498cd	5	2.83	300



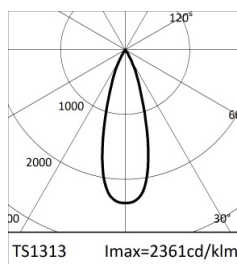
		4000K	H(m)	D(m)	Emax(lx)	
		Ra90		32°		
Fixture Power	27W	1	0.57	7508		
Source Flux	3180lm	2	1.13	1877		
Fixture Flux	2456lm	3	1.70	834		
Efficacy	91lm/W	4	2.27	469		
TS1312	I _{max} =2361cd/klm	I _{max}	7508cd	5	2.83	300



		2700K	H(m)	D(m)	Emax(lx)	
		Ra90		32°		
Fixture Power	40W	1	0.57	10277		
Source Flux	4353lm	2	1.13	2569		
Fixture Flux	3361lm	3	1.70	1142		
Efficacy	84lm/W	4	2.27	642		
TS1313	I _{max} =2361cd/klm	I _{max}	10277cd	5	2.83	411



		3000K	H(m)	D(m)	Emax(lx)	
		Ra90		32°		
Fixture Power	40W	1	0.57	10688		
Source Flux	4527lm	2	1.13	2672		
Fixture Flux	3496lm	3	1.70	1188		
Efficacy	87lm/W	4	2.27	668		
TS1313	I _{max} =2361cd/klm	I _{max}	10688cd	5	2.83	428



		3500K	H(m)	D(m)	Emax(lx)	
		Ra90		32°		
Fixture Power	40W	1	0.57	10844		
Source Flux	4593lm	2	1.13	2711		
Fixture Flux	3547lm	3	1.70	1205		
Efficacy	89lm/W	4	2.27	678		
TS1313	I _{max} =2361cd/klm	I _{max}	10844cd	5	2.83	434



		4000K	H(m)	D(m)	Emax(lx)	
		Ra90		32°		
Fixture Power	40W	1	0.57	10851		
Source Flux	4596lm	2	1.13	2713		
Fixture Flux	3549lm	3	1.70	1206		
Efficacy	89lm/W	4	2.27	678		
TS1313	I _{max} =2361cd/klm	I _{max}	10851cd	5	2.83	434

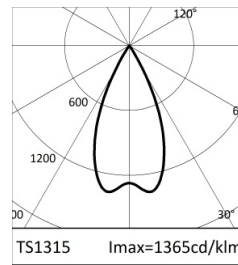
EVO EXTRACTABLE 162

PHOTOMETRY

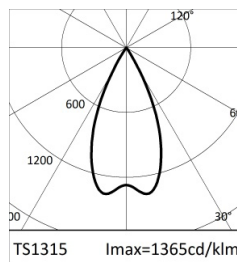
MEDIUM WIDE FLOOD



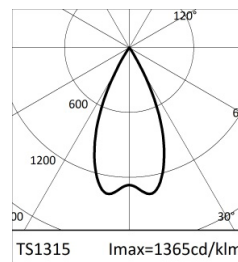
		2700K	H(m)	D(m)	Emax(lx)	
		Ra90		48°		
Fixture Power	27W	1	0.89	4000		
Source Flux	3012lm	2	1.78	1000		
Fixture Flux	2361lm	3	2.66	444		
Efficacy	87lm/W	4	3.55	250		
TS1315	Imax=1365cd/klm	Imax	4110cd	5	4.44	160



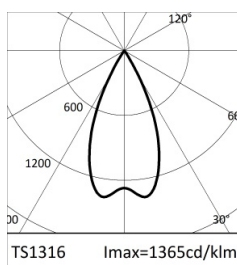
		3000K	H(m)	D(m)	Emax(lx)	
		Ra90		48°		
Fixture Power	27W	1	0.89	4160		
Source Flux	3132lm	2	1.78	1040		
Fixture Flux	2456lm	3	2.66	462		
Efficacy	91lm/W	4	3.55	260		
TS1315	Imax=1365cd/klm	Imax	4274cd	5	4.44	166



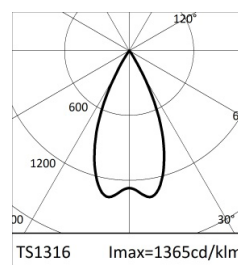
		3500K	H(m)	D(m)	Emax(lx)	
		Ra90		48°		
Fixture Power	27W	1	0.89	4218		
Source Flux	3176lm	2	1.78	1055		
Fixture Flux	2490lm	3	2.66	469		
Efficacy	92lm/W	4	3.55	264		
TS1315	Imax=1365cd/klm	Imax	4334cd	5	4.44	169



		4000K	H(m)	D(m)	Emax(lx)	
		Ra90		48°		
Fixture Power	27W	1	0.89	4224		
Source Flux	3180lm	2	1.78	1056		
Fixture Flux	2493lm	3	2.66	469		
Efficacy	92lm/W	4	3.55	264		
TS1315	Imax=1365cd/klm	Imax	4340cd	5	4.44	169



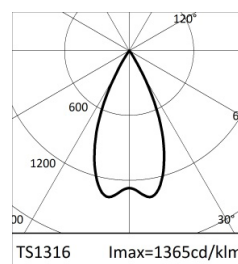
		2700K	H(m)	D(m)	Emax(lx)	
		Ra90		48°		
Fixture Power	40W	1	0.89	5781		
Source Flux	4353lm	2	1.78	1445		
Fixture Flux	3413lm	3	2.66	642		
Efficacy	85lm/W	4	3.55	361		
TS1316	Imax=1365cd/klm	Imax	5941cd	5	4.44	231



		3000K	H(m)	D(m)	Emax(lx)	
		Ra90		48°		
Fixture Power	40W	1	0.89	6013		
Source Flux	4527lm	2	1.78	1503		
Fixture Flux	3549lm	3	2.66	668		
Efficacy	89lm/W	4	3.55	376		
TS1316	Imax=1365cd/klm	Imax	6178cd	5	4.44	241



		3500K	H(m)	D(m)	Emax(lx)	
		Ra90		48°		
Fixture Power	40W	1	0.89	6100		
Source Flux	4593lm	2	1.78	1525		
Fixture Flux	3601lm	3	2.66	678		
Efficacy	90lm/W	4	3.55	381		
TS1316	Imax=1365cd/klm	Imax	6268cd	5	4.44	244

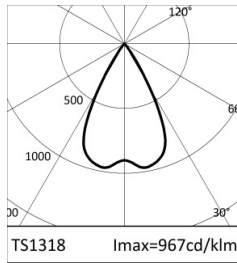


		4000K	H(m)	D(m)	Emax(lx)	
		Ra90		48°		
Fixture Power	40W	1	0.89	6104		
Source Flux	4596lm	2	1.78	1526		
Fixture Flux	3603lm	3	2.66	678		
Efficacy	90lm/W	4	3.55	382		
TS1316	Imax=1365cd/klm	Imax	6272cd	5	4.44	244

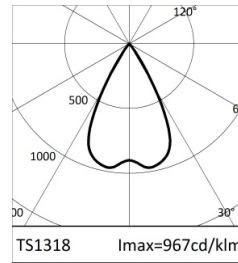
EVO EXTRACTABLE 162

PHOTOMETRY

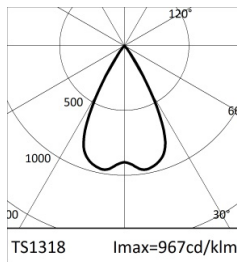
WIDE FLOOD



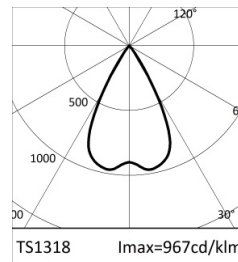
2700K		H(m)	D(m)	Emax(lx)
Ra90			57°	
Fixture Power	27W	1	1.09	2813
Source Flux	3012lm	2	2.19	703
Fixture Flux	2347lm	3	3.28	313
Efficacy	87lm/W	4	4.37	176
TS1318	I _{max} =967cd/klm	I _{max}	2912cd	5 5.46 113



3000K		H(m)	D(m)	Emax(lx)
Ra90			57°	
Fixture Power	27W	1	1.09	2925
Source Flux	3132lm	2	2.19	731
Fixture Flux	2440lm	3	3.28	325
Efficacy	90lm/W	4	4.37	183
TS1318	I _{max} =967cd/klm	I _{max}	3028cd	5 5.46 117



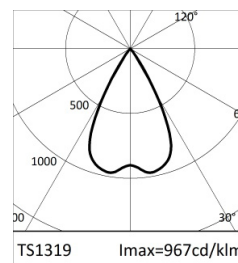
3500K		H(m)	D(m)	Emax(lx)
Ra90			57°	
Fixture Power	27W	1	1.09	2966
Source Flux	3176lm	2	2.19	742
Fixture Flux	2474lm	3	3.28	330
Efficacy	92lm/W	4	4.37	185
TS1318	I _{max} =967cd/klm	I _{max}	3070cd	5 5.46 119



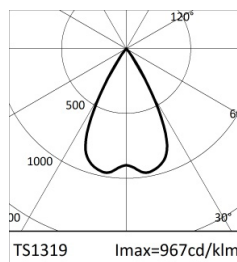
4000K		H(m)	D(m)	Emax(lx)
Ra90			57°	
Fixture Power	27W	1	1.09	2970
Source Flux	3180lm	2	2.19	742
Fixture Flux	2477lm	3	3.28	330
Efficacy	92lm/W	4	4.37	186
TS1318	I _{max} =967cd/klm	I _{max}	3074cd	5 5.46 119



2700K		H(m)	D(m)	Emax(lx)
Ra90			57°	
Fixture Power	40W	1	1.09	4065
Source Flux	4353lm	2	2.19	1016
Fixture Flux	3391lm	3	3.28	452
Efficacy	85lm/W	4	4.37	254
TS1319	I _{max} =967cd/klm	I _{max}	4208cd	5 5.46 163



3000K		H(m)	D(m)	Emax(lx)
Ra90			57°	
Fixture Power	40W	1	1.09	4228
Source Flux	4527lm	2	2.19	1057
Fixture Flux	3527lm	3	3.28	470
Efficacy	88lm/W	4	4.37	264
TS1319	I _{max} =967cd/klm	I _{max}	4377cd	5 5.46 169



3500K		H(m)	D(m)	Emax(lx)
Ra90			57°	
Fixture Power	40W	1	1.09	4290
Source Flux	4593lm	2	2.19	1072
Fixture Flux	3578lm	3	3.28	477
Efficacy	89lm/W	4	4.37	268
TS1319	I _{max} =967cd/klm	I _{max}	4440cd	5 5.46 172



4000K		H(m)	D(m)	Emax(lx)
Ra90			57°	
Fixture Power	40W	1	1.09	4292
Source Flux	4596lm	2	2.19	1073
Fixture Flux	3581lm	3	3.28	477
Efficacy	90lm/W	4	4.37	268
TS1319	I _{max} =967cd/klm	I _{max}	4443cd	5 5.46 172