

Product Description

The OSQ High Output Area/Flood luminaire changes the standard for high output lighting. With high lumen output, one luminaire can replace multiple metal halide (MH) 1000W fixtures. The result is more than 80 percent energy savings at exceptional performance levels. Compared to other LED solutions, its smaller and lighter, making it easier to install while minimizing wind load requirements. Featuring TrueWhite® Technology, the OSQ Series High Output renders true-to-life colors with a Color Rendering Index (CRI) of 90 and optical distributions that are optimized for automotive frontlines, large parking lots and high mast applications.



Example: OSQ-HO-E-NM-210-45L-30K-+-24-SV-DIM-S

Ordering Information

OSQ-HO	- E	NM	- 210	- 45L	- 30K	- +	- 24	- SV	- DIM	- S
Product	Version	Mounting	Optic***	Lumen Package	CCT	Insulation Class	Voltage	Finish	Control Options	Variant
OSQ-HO	E	NM No mount	210 Type II Short 1.0	45L 65L	30K 3000K - 70 CRI	+ Class 1	24 220V-240V	SV Silver	DIM Dimmable 1-10V	S Standard
			2SH Type III Short		40K 4000K - 70 CRI		12 120-240V	BK Black	Q Field Adjustable Output	
			2ME Type II Medium		57K 5700K - 70 CRI		DL	DALI	X# Option (1-10V on virtual midnight reprogrammable)	
			3ME Type III Medium		50K 5000K - 90 CRI					
			4ME Type IV Medium							
			5ME Type V Medium	45L 65L	30K 3000K - 70 CRI	24 220V-240V	SV Silver	DIM Dimmable 1-10V	S Standard	
			5SH Type V Short	40K 4000K - 70 CRI	12 120-240V	BK Black	Q Field Adjustable Output			
			15D 15° Flood	57K 5700K - 70 CRI	DL	DALI	X# Option (1-10V on virtual midnight reprogrammable)			
			25D 25° Flood	50K 5000K - 90 CRI						
			40D 40° Flood							

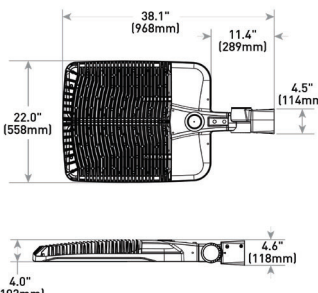
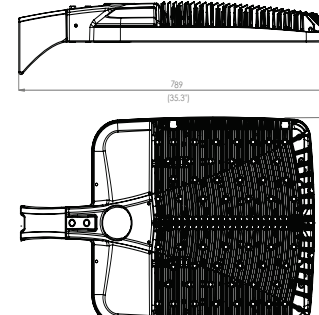
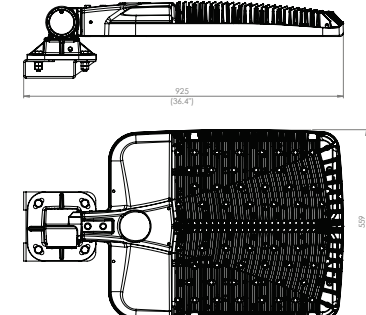
ASYMMETRIC

SYMMETRIC

* Fuse option available with Standard or Nema configurations (Specify SF or NF)

**Nema option available with Q and X option

***Other optics available [AF(Automotive Frontline Optic) - WSN(Wide Sign) -60 (60° Flood)-120 (120° Flood)].

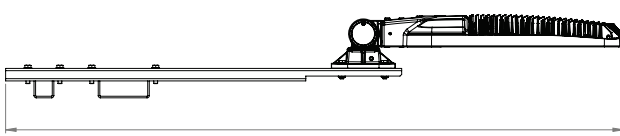
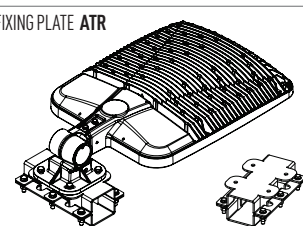
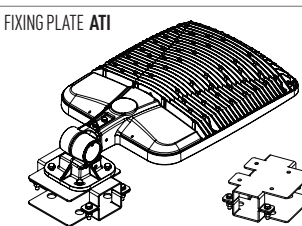
MOUNTING SYSTEM		
<p>AA* Adjustable Arm</p>  <p>60mm Diameter for Post - top and adjustable arm installations</p>	<p>DA* Direct Arm</p> 	<p>AB* Adjustable Bracket</p> 

*Finishes available to be specified: **WH** White **BK** Black **SV** Silver **BZ** Bronze

Accessory Information

MOUNT (LUMINAIRE MUST BE ORDERED SEPARATELY)	WEIGHT AND MAXIMUM WIND AREA			
OSQ-HO-CE-AA* Adjustable Arm	WEIGHT	Direct Arm	Adjustable Arm	Adjustable Bracket
OSQ-HO-CE-DA* Direct Arm		34,5Kg	36Kg	35,5Kg
OSQ-HO-CE-AB* Adjustable Bracket	Exposed side surface	0,097m ²		
BACKLIGHT SHIELD	Max exposed side surface	0,412m ²		
OSQ-HO-BLSMF Backlight Shield Front Facing Optics				
OSQ-HO-BLSMR Backlight shield rotated optics				

*Finishes available to be specified: **WH** White **BK** Black **SV** Silver **BZ** Bronze

HIGH-MAST ACCESSORIES TO BE COMBINED WITH ADJUSTABLE BRACKET		
TF-OSQ-HO-CE-BRL-L800	Bracket suitable for double circle crown 800mm	
TF-OSQ-HO-CE-BRL-L1000	Bracket suitable for double circle crown 1000mm	
TF-OSQ-HO-CE-BRL-L1240	Bracket suitable for double circle crown 1240mm	
TF-OSQ-HO-CE-OML-50x50	Fixing Kit Bracket (include 2 Omega)	
TF-OSQ-HO-CE-OML-60x60	Fixing Kit Bracket (include 2 Omega)	
TF-OSQ-HO-CE-OML-100x100	Fixing Kit Bracket (include 2 Omega)	<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p>FIXING PLATE ATR</p>  </div> <div style="text-align: center;"> <p>FIXING PLATE ATI</p>  </div> </div>
TF-OSQ-HO-CE-ATR-50x50	Fixing plate for straights square metal profiles	
TF-OSQ-HO-CE-ATR-60x60	Fixing plate for straights square metal profiles	
TF-OSQ-HO-CE-ATR-100x100	Fixing plate for straights square metal profiles	
TF-OSQ-HO-CE-ATI-50x50	Fixing plate for crossed square metal profiles	
TF-OSQ-HO-CE-ATI-60x60	Fixing plate for crossed square metal profiles	
TF-OSQ-HO-CE-ATI-100x100	Fixing plate for crossed square metal profiles	

FEATURES

- LED Lumen output : 41674lm - 80020lm
- LED module efficiency: up to 169 lm/W
- Luminaire efficiency: up to 169 lm/W
- Protection Degree: IP66 / IK08
- CCT: 3000K, 4000K, 5700K, 5000K@CRI90
- CRI Standard min.70
- MacAdam Step: 4SDCM
- Expected Lifetime (Ta=25°): L80F10 Up to >100Khrs
- Overvoltage protection: 10kV CM/DM
- Operating temperature: -40°C up to +40°C (+50° @45L)
- LED Board equipped with integral ESD and Surge protection

CONSTRUCTION AND MATERIALS

- Die-cast aluminium body with lower copper content
- Tool-less entry, Removable tray
- Integral, weathertight LED driver compartment and high performance heat sink integrated
- Exclusive Colorfast DeltaGuard® finish
- Cable type H07RN-F
- Luminaire is, completely disassembled and recyclable

WARRANTY AND CERTIFICATIONS

- Warranty: 10 years on Colorfast DeltaGuard® finish / 10 years on luminaire
- Risk group exempt
- Luminaire and finish endurance tested to withstand 5,000 hours of elevated ambient salt fog conditions as defined in ASTM Standard B 117
- Compliant to: EN 60598-1; EN 60598-2-3; 2-5

NEMA OPTION AVAILABLE

Q - N	Nema 7 pin with Field Adj	(On - Off + Dim)
X - N	Nema 7 pin with VM Reprog.	(On - Off)

ELECTRICAL DATA*

Lumen Package	System Watts 220-240V o 120-240V	Total Current @230V, 50Hz	Power Factor
45L	304	1,34	0,98
65L	533	2,356	0,98

* Electrical data at 25°C (77°F)

LMF - LUMEN PACKAGE 45L - MDA SA1400

Ambient	Initial LMF	25K hr Projected ² LMF	50K hr Projected ² LMF	75K hr Calculated ³ LMF	100K hr Calculated ³ LMF
-40	1,09	1,05	1,03	1,00	0,98
-20	1,07	1,03	1,01	0,98	0,96
0	1,04	1,00	0,98	0,95	0,93
15	1,02	0,98	0,96	0,93	0,91
25	1,00	0,96	0,93	0,91	0,88
50	0,96	0,89	0,84	0,78	0,74

LMF - LUMEN PACKAGE 45L - XHP

Ambient	Initial LMF	25K hr Projected ² LMF	50K hr Projected ² LMF	75K hr Calculated ³ LMF	100K hr Calculated ³ LMF
-40	1,09	1,07	1,06	1,05	1,04
-20	1,07	1,05	1,04	1,03	1,02
0	1,04	1,02	1,01	1,00	0,99
15	1,02	1,00	0,99	0,98	0,97
25	1,00	0,98	0,97	0,96	0,95
50	0,96	0,94	0,93	0,92	0,91

LMF - LUMEN PACKAGE 65L - MDA SA1400

Ambient	Initial LMF	25K hr Projected ² LMF	50K hr Projected ² LMF	75K hr Calculated ³ LMF	100K hr Calculated ³ LMF
-40	1,09	1,05	1,02	1,00	0,97
-20	1,07	1,03	1,00	0,98	0,95
0	1,04	1,00	0,97	0,95	0,92
15	1,02	0,98	0,95	0,93	0,90
25	1,00	0,95	0,92	0,88	0,85
40	0,96	0,97	0,91	0,86	0,81

LMF - LUMEN PACKAGE 65L - XHP

Ambient	Initial LMF	25K hr Projected ² LMF	50K hr Projected ² LMF	75K hr Calculated ³ LMF	100K hr Calculated ³ LMF
-40	1,09	1,07	1,06	1,05	1,04
-20	1,07	1,05	1,04	1,03	1,02
0	1,04	1,02	1,01	1,00	0,99
15	1,02	1,00	0,99	0,98	0,97
25	1,00	0,98	0,97	0,96	0,95
40	0,96	1,02	1,01	1,00	0,99

¹ Lumen maintenance values at 25°C (77°F) are calculated per TM-21 based on LM-80 data and in-situ luminaire testing

² In accordance with IESNA TM-21-11, Projected Values represent interpolated value based on time durations that are within six times (6x) the IESNA LM-80-08 total test duration (in hours) for the device under testing (DUT) i.e. the packaged LED chip)

³ According with TM-21 the projected value can be just up to 6x time the test time

Control options for Asymmetric Optic

FIELD ADJUSTABLE - INPUT POWER 45L						
Setting	System Watts W	Lumen Multipliers	Nominal flux (lm)			
			3000K	4000K	5000K	5700K
Q9	304	1.00	42946	45000	36840	45726
Q8	290	0.96	41317	43293	35443	43991
Q7	273	0.92	39401	41285	33799	41951
Q6	262	0.89	38085	39907	32670	40550
Q5	235	0.81	34780	36443	29835	37031
Q4	212	0.74	31830	33353	27305	33890
Q3	189	0.67	28788	30164	24694	30651
Q2	168	0.60	25940	27181	22252	27619
Q1	145	0.53	22558	23637	19351	24018

FIELD ADJUSTABLE - INPUT POWER 65L						
Setting	System Watts W	Lumen Multipliers	Nominal flux (lm)			
			3000K	4000K	5000K	5700K
Q9	533	1.00	75156	78750	64470	80020
Q8	509	0.96	72517	75985	62206	77210
Q7	478	0.92	68845	72137	59056	73300
Q6	458	0.89	66603	69789	57133	70914
Q5	412	0.81	61163	64088	52466	65121
Q4	373	0.75	56213	58902	48221	59851
Q3	333	0.68	50889	53322	43653	54182
Q2	294	0.61	46134	48340	39574	49120
Q1	257	0.54	40472	42408	34718	43092

VIRTUAL MIDNIGHT X / INPUT POWER 45L										
Setting	System Watts W (High Mode)	Nominal flux (lm)				System Watts W (Low Mode)	Nominal flux (lm)			
		3000K	4000K	5000K	5700K		3000K	4000K	5000K	5700K
X1	304	42946	45000	36840	45726	214	32187	33727	27611	34271
X2	304	42946	45000	36840	45726	150	23333	24449	20015	24843
X3	304	42946	45000	36840	45726	104	15914	16675	13651	16944
X4	214	32187	33727	27611	34271	150	23333	24449	20015	24843
X5	214	32187	33727	27611	34271	104	15914	16675	13651	16944
X6	150	23333	24449	20015	24843	104	15914	16675	13651	16944

VIRTUAL MIDNIGHT X / INPUT POWER 65L										
Setting	System Watts W (High Mode)	Nominal flux (lm)				System Watts W (Low Mode)	Nominal flux (lm)			
		3000K	4000K	5000K	5700K		3000K	4000K	5000K	5700K
X1	533	75156	78750	64470	80020	366	55104	57739	47269	58670
X2	533	75156	78750	64470	80020	259	40952	42911	35130	43603
X3	533	75156	78750	64470	80020	170	29374	30779	25198	31275
X4	366	55104	57739	47269	58670	259	40952	42911	35130	43603
X5	366	55104	57739	47269	58670	170	29374	30779	25198	31275
X6	259	40952	42911	35130	43603	170	29374	30779	25198	31275

Control options for Symmetric Optic

FIELD ADJUSTABLE - INPUT POWER 45L						
Setting	System Watts W	Lumen Multipliers	Nominal flux (lm)			
			3000K	4000K	5000K	5700K
Q9	304	1.00	41674	45000	38996	45297
Q8	290	0.96	40333	43552	37741	43839
Q7	273	0.92	38473	41543	36001	41817
Q6	262	0.89	37304	40281	34907	40546
Q5	235	0.81	34124	36847	31931	37090
Q4	212	0.74	31383	33887	29366	34110
Q3	189	0.67	28316	30576	26496	30777
Q2	168	0.60	25683	27732	24032	27915
Q1	145	0.53	22440	24231	20998	24390

FIELD ADJUSTABLE - INPUT POWER 65L						
Setting	System Watts W	Lumen Multipliers	Nominal flux (lm)			
			3000K	4000K	5000K	5700K
Q9	533	1.00	72930	78750	68243	79269
Q8	509	0.96	70774	76422	66226	76926
Q7	478	0.92	67595	72990	63251	73471
Q6	458	0.89	65248	70456	61055	70920
Q5	412	0.81	60156	64957	56291	65385
Q4	373	0.75	55479	59907	51914	60302
Q3	333	0.68	50246	54255	47017	54613
Q2	294	0.61	45650	49293	42716	49618
Q1	257	0.54	40086	43285	37510	43571

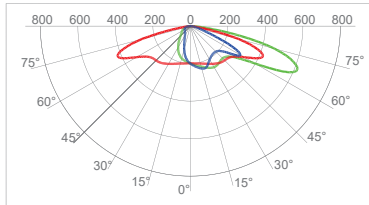
VIRTUAL MIDNIGHT X / INPUT POWER 45L										
Setting	System Watts W (High Mode)	Nominal flux (lm)				System Watts W (Low Mode)	Nominal flux (lm)			
		3000K	4000K	5000K	5700K		3000K	4000K	5000K	5700K
X1	304	41674	45000	38996	45297	214	31607	34130	29576	34354
X2	304	41674	45000	38996	45297	150	23186	25037	21696	25202
X3	304	41674	45000	38996	45297	104	15919	17189	14896	17303
X4	214	31607	34130	29576	34354	150	23186	25037	21696	25202
X5	214	31607	34130	29576	34354	104	15919	17189	14896	17303
X6	150	23186	25037	21696	25202	104	15919	17189	14896	17303

VIRTUAL MIDNIGHT X / INPUT POWER 65L										
Setting	System Watts W (High Mode)	Nominal flux (lm)				System Watts W (Low Mode)	Nominal flux (lm)			
		3000K	4000K	5000K	5700K		3000K	4000K	5000K	5700K
X1	533	72930	78750	68243	79269	366	54462	58809	50962	59196
X2	533	72930	78750	68243	79269	259	40327	43545	37735	43832
X3	533	72930	78750	68243	79269	170	28686	30976	26843	31180
X4	366	54462	58809	50962	59196	259	40327	43545	37735	43832
X5	366	54462	58809	50962	59196	170	28686	30976	26843	31180
X6	259	40327	43545	37735	43832	170	28686	30976	26843	31180

Photometry Asymmetric Optics

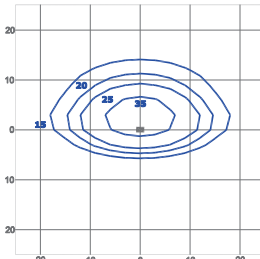
All published luminaire photometric testing performed to IESNA LM-79-08 standards by a NVLAP certified laboratory. To obtain an IES file specific to your project consult: <http://www.creelighting-europe.com>

3ME - Type III Medium



cd/klm
— C0 - C180 — C90 - C270 — C30 - C210

Test Report #: CL1326-18

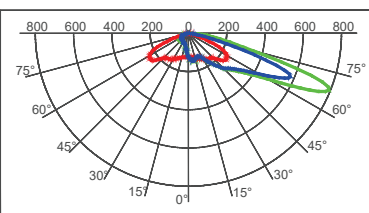


lux
 OSQ-HO-E-NM-3ME-45L
 Mounting Height: 15m

LUMEN OUTPUT - 3ME (Type III Medium)				
Input Power Designator	3000K	4000K	5000K@CRI90	5700K
	Initial Delivered Lumens*	Initial Delivered Lumens*	Initial Delivered Lumens*	Initial Delivered Lumens*
45L	43599	42928	40936	35066
65L	72388	71205	68010	58421

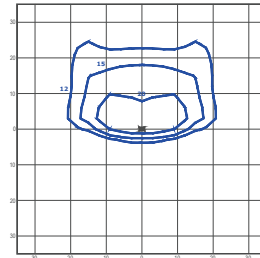
* Initial delivered lumens at 25°C (77°F). Actual production yield may vary between -4 and +10% of initial delivered lumens

4ME - Type IV Medium



cd/klm
— C0 - C180 — C90 - C270 — C82.5 - C242.5

Test Report #: CL1326-18

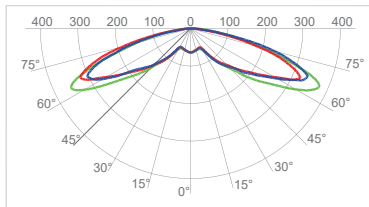


lux
 OSQ-HO-E-NM-4ME-45L
 Mounting Height: 15m

LUMEN OUTPUT - 4ME (Type IV Medium)				
Input Power Designator	3000K	4000K	5000K@CRI90	5700K
	Initial Delivered Lumens*	Initial Delivered Lumens*	Initial Delivered Lumens*	Initial Delivered Lumens*
45L	40725	42673	34934	43361
65L	71269	74677	61135	75881

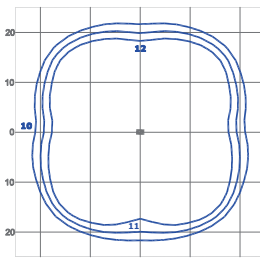
* Initial delivered lumens at 25°C (77°F). Actual production yield may vary between -4 and +10% of initial delivered lumens

5SH - Type V Short



cd/klm
— C0 - C180 — C90 - C270 — C45 - C225

Test Report #: CL1326-18

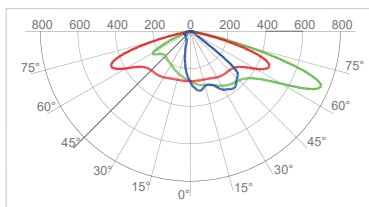


lux
 OSQ-HO-E-NM-5SH-45L
 Mounting Height: 12m

LUMEN OUTPUT - 5SHE (Type V Short)				
Input Power Designator	3000K	4000K	5000K@CRI90	5700K
	Initial Delivered Lumens*	Initial Delivered Lumens*	Initial Delivered Lumens*	Initial Delivered Lumens*
45L	40001	43193	37430	43478
65L	68185	73626	63803	74111

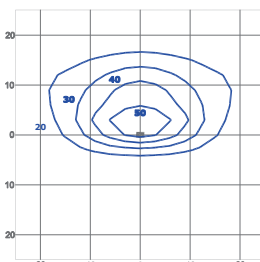
* Initial delivered lumens at 25°C (77°F). Actual production yield may vary between -4 and +10% of initial delivered lumens

210 - Type II Short 1.0



cd/klm
— C0 - C180 — C90 - C270 — C15 - C195

Test Report #: CL1326-18



lux
 OSQ-HO-E-NM-210-45L
 Mounting Height: 15m

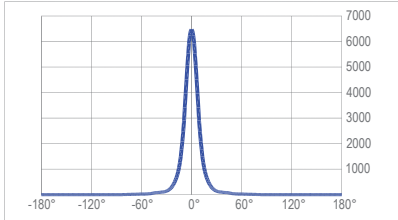
LUMEN OUTPUT - 210 (Type II Short 1.0)				
Input Power Designator	5700K	4000K	3000K	5000K@CRI90
	Initial Delivered Lumens*	Initial Delivered Lumens*	Initial Delivered Lumens*	Initial Delivered Lumens*
45L	43844	43169	41166	35263
65L	72300	71118	67927	58349

* Initial delivered lumens at 25°C (77°F). Actual production yield may vary between -4 and +10% of initial delivered lumens

Photometry Symmetric Optics

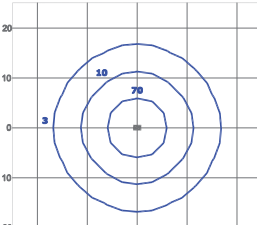
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15D



cd/klm
C0 - C180

Test Report #: CL1326-18



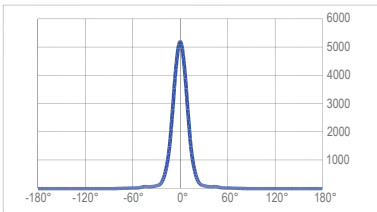
lux

OSQ-HO-E-NM-15D-45L
Mounting Height: 15m

LUMEN OUTPUT - 15D				
Input Power Designator	5700K	4000K	3000K	5000@CRI90
	Initial Delivered Lumens*	Initial Delivered Lumens*	Initial Delivered Lumens*	Initial Delivered Lumens*
45L	43994	44039	40892	37975
65L	75155	74102	68444	64532

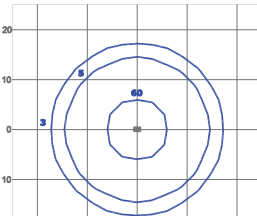
* Initial delivered lumens at 25°C (77°F). Actual production yield may vary between -4 and +10% of initial delivered lumens

25D



cd/klm
C0 - C180

Test Report #: CL1326-18



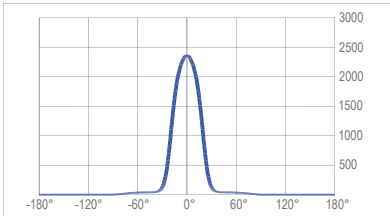
lux

OSQ-HO-E-NM-25D-45L
Mounting Height: 15m

LUMEN OUTPUT - 25D				
Input Power Designator	5700K	4000K	3000K	5000@CRI90
	Initial Delivered Lumens*	Initial Delivered Lumens*	Initial Delivered Lumens*	Initial Delivered Lumens*
45L	43267	43311	40216	37347
65L	74108	73069	67490	63633

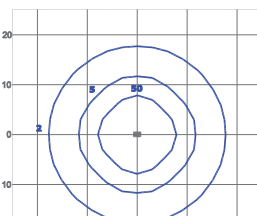
* Initial delivered lumens at 25°C (77°F). Actual production yield may vary between -4 and +10% of initial delivered lumens

40D



cd/klm
C0 - C180

Test Report #: CL1326-18



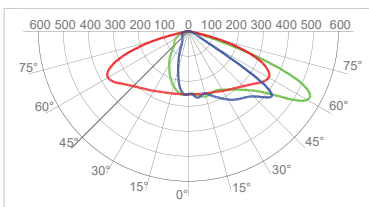
lux

OSQ-HO-E-NM-40D-45L
Mounting Height: 15m

LUMEN OUTPUT - 40D				
Input Power Designator	5700K	4000K	3000K	5000@CRI90
	Initial Delivered Lumens*	Initial Delivered Lumens*	Initial Delivered Lumens*	Initial Delivered Lumens*
45L	43143	43188	40102	37241
65L	73570	72539	67000	63171

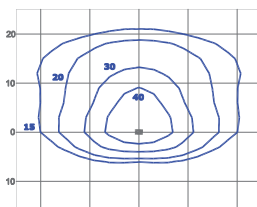
* Initial delivered lumens at 25°C (77°F). Actual production yield may vary between -4 and +10% of initial delivered lumens

2SH - Type III Short



cd/klm
C0 - C180 C90 - C270 C35 - C215

Test Report #: CL1326-18



lux

OSQ-HO-E-NM-2SH-45L
Mounting Height: 15m

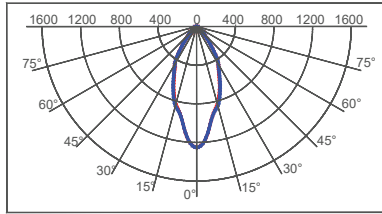
LUMEN OUTPUT - 2SH (Type III Short)				
Input Power Designator	5700K	4000K	3000K	5000@CRI90
	Initial Delivered Lumens*	Initial Delivered Lumens*	Initial Delivered Lumens*	Initial Delivered Lumens*
45L	43651	42979	40985	35108
65L	72565	71379	68176	58563

* Initial delivered lumens at 25°C (77°F). Actual production yield may vary between -4 and +10% of initial delivered lumens

Photometry Symmetric Optics

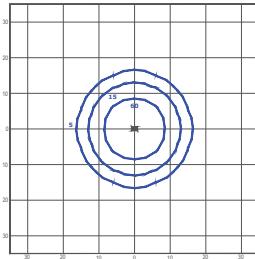
All published luminaire photometric testing performed to IESNA LM-79-08 standards by a NVLAP certified laboratory. To obtain an IES file specific to your project consult: <http://www.creelighting-europe.com>

60D



cd/klm
— C0 - C180 — C90 - C270

Test Report #: PL09262

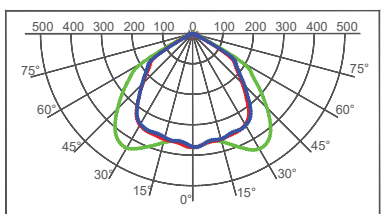


lux
 OSQ-HO-E-NM-60D-45L
 Mounting Height: 15m

LUMEN OUTPUT - 60D				
Input Power Designator	3000K	4000K	5000K@CRI90	5700K
		Initial Delivered Lumens*	Initial Delivered Lumens*	Initial Delivered Lumens*
45L	40001	43193	37430	43478
65L	68185	73626	63803	74111

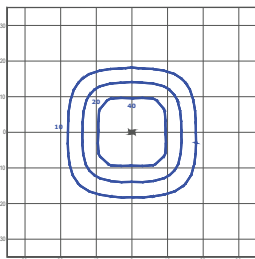
* Initial delivered lumens at 25°C (77°F). Actual production yield may vary between -4 and +10% of initial delivered lumens

120D



cd/klm
— C0 - C180 — C90 - C270 — C45 - C225

Test Report #: PL09725

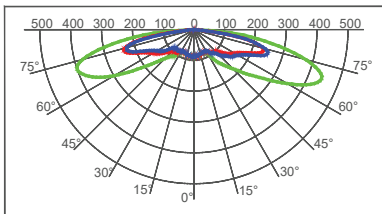


lux
 OSQ-HO-E-NM-120D-45L
 Mounting Height: 15m

LUMEN OUTPUT - 120D				
Input Power Designator	3000K	4000K	5000K@CRI90	5700K
		Initial Delivered Lumens*	Initial Delivered Lumens*	Initial Delivered Lumens*
45L	40255	43468	37668	43754
65L	68185	73626	63803	74111

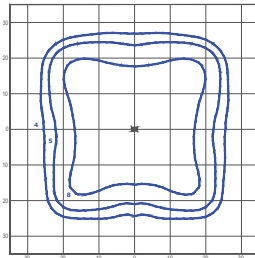
* Initial delivered lumens at 25°C (77°F). Actual production yield may vary between -4 and +10% of initial delivered lumens

5ME



cd/klm
— C0 - C180 — C90 - C270 — C45 - C225

Test Report #: PL11186

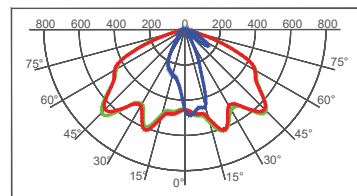


lux
 OSQ-HO-E-NM-5ME-45L
 Mounting Height: 15m

LUMEN OUTPUT - 5ME				
Input Power Designator	3000K	4000K	5000K@CRI90	5700K
		Initial Delivered Lumens*	Initial Delivered Lumens*	Initial Delivered Lumens*
45L	36606	39528	34254	39788
65L	64824	69997	60658	70458

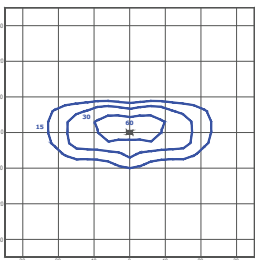
* Initial delivered lumens at 25°C (77°F). Actual production yield may vary between -4 and +10% of initial delivered lumens

WSN - Wide Sign



cd/klm
— C0 - C180 — C90 - C270 — C5 - C185

Test Report #: PL07695



lux
 OSQ-HO-E-NM-WSN-45L
 Mounting Height: 15m

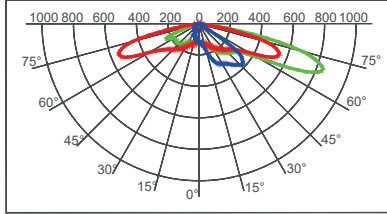
LUMEN OUTPUT - WSN (Wide Sign)				
Indicatore di potenza	3000K	4000K	5000K@CRI90	5700K
		Lumen emessi*	Lumen emessi*	Lumen emessi*
45L	38840	41939	36344	42216
65L	68185	73626	63803	74111

* Initial delivered lumens at 25°C (77°F). Actual production yield may vary between -4 and +10% of initial delivered lumens

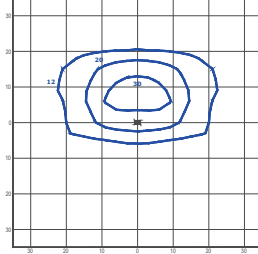
Photometry Asymmetric Optics

All published luminaire photometric testing performed to IESNA LM-79-08 standards by a NVLAP certified laboratory. To obtain an IES file specific to your project consult: <http://www.creelighting-europe.com>

2ME - Type II Medium



Test Report #: PL10951

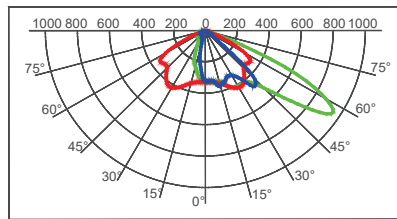


OSQ-HO-E-NM-2ME-45L
 Mounting Height: 15m

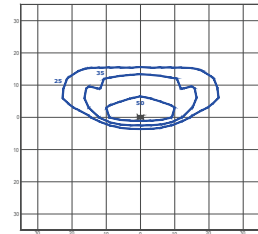
LUMEN OUTPUT - 2ME (Type II Medium)				
Input Power Designator	3000K	4000K	5000K@CRI90	5700K
	Initial Delivered Lumens*	Initial Delivered Lumens*	Initial Delivered Lumens*	Initial Delivered Lumens*
45L	41180	43149	35325	43845
65L	71774	75207	61569	76420

* Initial delivered lumens at 25°C (77°F). Actual production yield may vary between -4 and +10% of initial delivered lumens

AF - Automotive frontline Optic



Test Report #: PL10910



OSQ-HO-E-NM-AF-45L
 Mounting Height: 15m

LUMEN OUTPUT - AF (Automotive Frontline Optic)				
Input Power Designator	3000K	4000K	5000K@CRI90	5700K
	Initial Delivered Lumens*	Initial Delivered Lumens*	Initial Delivered Lumens*	Initial Delivered Lumens*
45L	41109	43075	35264	43770
65L	71774	75207	61569	76420

* Initial delivered lumens at 25°C (77°F). Actual production yield may vary between -4 and +10% of initial delivered lumens