

IESNA: LM-63-1995
 [TEST] 18184
 [MANUFAC]ESCO LIGHTING - INDUCTION FLOODLIGHT LUMINAIRE

[LUMCAT]FL80

[LUMINAIRE]WITH SPECULAR REFLECTOR AND CLEAR FLAT GLASS LENS

[LAMP]ONE PHILIPS 85 WATT INDUCTION LAMP

[LAMPCAT]85W/840. LUMEN RATING: 6000 Lms.

[OTHER]ONE PHILIPS QL85WS/13 GENERATOR OPERATING AT 120 VAC AND 95 WATTS

TILT=NONE

1

6000.

1

37

30

1

1

.00

.00

.00

1

1

.0

0 2.5 5 7.5 10 12.5 15 17.5 20 22.5 25 27.5 30 32.5 35 37.5

40 42.5 45 47.5 50 52.5 55 57.5 60 62.5 65 67.5 70 72.5 75

77.5 80 82.5 85 87.5 90

0 5 15 25 35 45 55 60 62.5 65 67.5 70 72.5 75 77.5 80 82.5

85 87.5 90 95 105 115 125 135 145 155 165 175 180

1476.3 1509.9 1548.2 1587.2 1623.6 1664.3 1704.5

1709.9 1677.6 1615.2 1172.0 1089.3 1029.9 994.6

965.9 1520.0 1403.7 1283.9 648.8 577.7 509.9 436.8

363.7 843.7 787.2 717.8 220.6 157.5 101.4 56.9 22.3 4.2 2.0 .0

1476.3 1511.3 1551.8 1589.8 1628.7 1667.5 1702.0

1704.3 1672.2 1607.5 1158.2 1074.0 1016.2 981.7

952.0 1511.7 1390.6 1269.6 877.4 826.3 768.5 702.0 635.7 563.8 494.4 419.8

348.1 276.6 207.2 147.5 92.6 50.1 18.0 3.1 2.0 .0

1476.3 1514.9 1562.3 1606.0 1646.1 1689.0 1728.2

1734.5 1707.9 1645.3 1209.1 1109.1 1033.9 985.3

953.0 1560.1 1449.3 1328.8 882.3 834.4 777.7 711.8 644.4 571.4 500.0 425.8

352.6 280.4 209.2 147.1 91.8 49.4 18.0 3.3 1.2 .0

1476.3 1518.8 1570.1 1613.3 1654.6 1693.5 1733.0

1759.0 1755.7 1713.5 1299.0 1190.2 1089.2 1013.1

955.1 1641.6 1540.7 1425.7 882.0 837.7 786.1 724.1 656.7 584.3 511.7 434.1

357.7 282.8 209.0 144.5 88.2 47.7 18.4 3.3 1.2 .0

1476.3 1520.9 1571.9 1615.8 1655.8 1687.2 1740.3

1791.8 1804.9 1778.7 1716.3 1617.1 1502.7 1391.2 1293.9 1190.4 1093.7

1010. 4	952. 6	902. 9	18184. ies				
849. 3	795. 5	731. 9	668. 1	599. 1	527. 9	449. 1	
370. 1	291. 5	214. 6					
148. 0	89. 7	48. 0	18. 7	3. 9	. 7	. 0	
1476. 3	1519. 1	1566. 4	1611. 4	1637. 2	1678. 2	1739. 0	
1783. 6	1810. 8	1803. 1					
1742. 6	1680. 6	1606. 4	1524. 5	1440. 3	1351. 7	1251. 0	
1146. 1	1064. 4	996. 9					
932. 9	858. 3	781. 0	706. 4	626. 4	554. 0	477. 7	
399. 8	319. 6	236. 4					
164. 9	103. 2	56. 1	22. 5	5. 4	. 7	. 0	
1476. 3	1517. 4	1560. 5	1593. 6	1608. 4	1662. 2	1719. 5	
1752. 3	1762. 5	1733. 0					
1733. 6	1714. 1	1665. 9	1619. 9	1570. 4	1490. 9	1405. 7	
1318. 4	1246. 8	1164. 7					
1062. 1	975. 2	888. 2	804. 1	709. 1	606. 4	505. 8	
421. 8	335. 2	247. 1					
172. 0	107. 6	61. 1	25. 5	6. 6	1. 0	. 0	
1476. 3	1515. 6	1556. 2	1581. 4	1594. 6	1650. 4	1702. 2	
1729. 8	1711. 2	1694. 7					
1701. 8	1685. 9	1659. 9	1648. 2	1595. 0	1525. 5	1461. 0	
1402. 0	1339. 1	1239. 6					
1126. 4	1027. 6	932. 3	850. 8	755. 8	648. 6	533. 9	
430. 3	339. 5	249. 7					
172. 6	107. 0	60. 0	25. 2	6. 4	1. 0	. 0	
1476. 3	1514. 0	1554. 2	1575. 1	1587. 7	1642. 5	1691. 1	
1715. 7	1687. 5	1680. 0					
1684. 2	1663. 8	1652. 8	1645. 0	1593. 1	1526. 9	1478. 4	
1437. 1	1374. 1	1268. 3					
1154. 2	1050. 3	950. 6	868. 5	772. 3	668. 3	554. 0	
442. 2	340. 1	250. 8					
172. 9	107. 0	58. 5	23. 7	6. 1	1. 0	. 0	
1476. 3	1513. 7	1552. 4	1569. 5	1580. 7	1635. 1	1679. 8	
1700. 4	1667. 7	1666. 6					
1669. 8	1645. 3	1641. 6	1630. 6	1579. 9	1522. 1	1486. 5	
1459. 3	1396. 1	1291. 2					
1174. 6	1066. 9	967. 6	886. 3	787. 0	685. 4	572. 3	
457. 2	345. 8	252. 0					
174. 1	107. 0	57. 3	22. 2	5. 4	1. 0	. 0	
1476. 3	1513. 5	1550. 3	1563. 4	1574. 6	1627. 0	1668. 0	
1682. 7	1649. 5	1653. 9					
1655. 3	1627. 4	1629. 9	1611. 9	1558. 9	1506. 5	1483. 2	
1465. 4	1400. 9	1299. 0					
1181. 8	1072. 2	978. 5	897. 3	799. 3	696. 3	583. 6	
469. 2	355. 3	251. 7					
173. 7	105. 9	55. 7	20. 4	4. 5	1. 0	. 0	
1476. 3	1511. 7	1547. 2	1556. 8	1567. 4	1617. 3	1655. 5	
1664. 4	1632. 4	1640. 7					
1641. 7	1612. 4	1621. 0	1593. 1	1538. 5	1486. 3	1470. 1	
1457. 7	1392. 2	1294. 5					
1180. 0	1069. 5	983. 8	902. 3	804. 1	701. 1	589. 8	
478. 2	365. 5	257. 1					
172. 0	105. 2	55. 2	19. 3	3. 6	1. 0	. 0	
1476. 3	1510. 2	1544. 7	1551. 2	1560. 1	1607. 5	1644. 1	
1646. 4	1616. 2	1628. 2					
1626. 0	1600. 0	1610. 8	1574. 5	1519. 6	1468. 8	1454. 4	
1441. 2	1370. 2	1275. 8					
1167. 1	1060. 3	983. 8	903. 3	804. 9	702. 2	591. 0	
482. 7	373. 4	267. 9					
177. 3	105. 9	55. 5	19. 3	3. 3	1. 2	. 0	
1476. 3	1509. 6	1541. 8	1545. 9	1552. 6	1597. 1	1631. 4	
1627. 4	1599. 6	1614. 1					
1608. 7	1588. 4	1597. 9	1555. 6	1499. 3	1452. 6	1437. 7	
1421. 2	1346. 0	1254. 4					

	1146.1	1047.4	976.9	18184.ies				
477.9	372.8	271.8	55.2	895.7	797.5	694.9	585.4	
	181.6	106.4	1539.5	19.9	3.9	1.2	.0	
	1476.3	1508.4	1599.5	1540.7	1545.5	1586.3	1619.8	
1609.6	1583.6	1576.3	1583.0	1538.0	1480.5	1435.0	1420.0	
1399.0	1323.0	1232.6	969.1	885.9	786.6	684.2	572.5	
467.6	1127.0	1036.2	268.2					
	365.8	180.7	55.2	20.5	5.2	1.0	.0	
	1476.3	105.9	1536.2	1535.3	1538.7	1575.8	1606.9	
1593.0	1567.0	1562.2	1582.6	1520.3	1460.7	1413.7	1397.8	
	1574.0	1296.8	1564.1	1520.3	1460.7	1413.7	1397.8	
1371.2	1296.8	1210.9	961.4	874.7	773.5	668.7	556.4	
	1106.6	1025.8	258.9					
452.4	353.0	102.6	55.0	21.7	5.8	1.2	.0	
	174.4	1505.7	1533.3	1530.4	1531.7	1565.3	1596.4	
1578.2	1552.4	1566.1	1545.4	1498.5	1437.7	1388.8	1373.5	
	1558.4	1547.9	1187.9					
1343.3	1270.4	1187.9	952.4	865.2	762.7	654.6	539.0	
	1090.7	1014.6	250.2					
433.9	338.5	99.5	54.0	22.2	5.8	1.0	.0	
	167.5	1504.4	1530.3	1525.8	1526.0	1555.7	1584.7	
1564.4	1537.4	1549.1	1525.8	1475.3	1411.3	1362.8	1346.0	
	1543.2	1532.3	1164.4					
1311.5	1240.5	1164.4	938.9	854.1	751.4	641.4	521.4	
	1071.5	997.6	237.9					
411.7	317.9	97.7	53.7	22.0	5.8	1.0	.0	
	162.2	1503.3	1527.5	1521.2	1519.6	1546.9	1574.9	
1554.0	1523.7	1533.5	1509.0	1454.7	1388.8	1340.6	1321.7	
	1529.6	1517.9	1148.3					
1284.9	1219.9	1148.3	925.8	844.8	743.3	633.6	508.5	
	1057.2	982.0	227.7					
392.9	300.9	96.8	53.4	22.2	6.0	1.2	.0	
	158.3	1502.1	1524.3	1517.1	1514.2	1539.1	1567.4	
1543.9	1511.9	1519.8	1495.1	1436.4	1369.0	1322.3	1301.4	
	1518.5	1505.7	1133.9					
1264.2	1204.3	1133.9	916.1	836.4	737.9	627.0	500.0	
	1043.1	969.2	220.9					
378.4	290.1	95.3	53.1	22.2	6.0	1.2	.0	
	155.6	1498.8	1518.5	1510.8	1504.8	1528.1	1554.7	
1533.3	1495.2	1498.4	1476.8	1414.0	1347.1	1302.6	1281.0	
	1502.3	1488.8	1123.4					
1248.6	1190.8	1123.4	914.6	836.8	741.7	634.2	512.9	
	1038.0	966.1	222.9					
398.5	299.4	99.3	54.8	23.4	6.4	1.2	.0	
	160.2	1494.2	1509.2	1502.5	1492.2	1517.1	1547.0	
1540.4	1494.0	1482.6	1482.6	1432.6	1376.8	1332.5	1307.6	
	1489.8	1490.4	1164.2					
1293.9	1235.5	1164.2	947.5	882.0	796.6	703.8	599.8	
	1083.8	1000.3	282.2					
495.6	387.1	114.7	63.3	26.4	7.6	1.0	.0	
	193.5	1489.0	1502.7	1500.0	1486.8	1512.3	1551.2	
1574.9	1527.9	1500.3	1487.5	1471.2	1430.8	1382.8	1339.8	
	1497.1	1500.5	1227.0					
1312.5	1293.6	1227.0	956.0	896.3	817.3	724.4	623.2	
	1140.5	1048.2						

518. 0	409. 8	298. 2	18184. ies				
207. 7	121. 4	65. 9	28. 2	7. 9	1. 0	. 0	
1476. 3	1484. 7	1496. 1	1501. 1	1487. 6	1505. 3	1550. 3	
1595. 8	1602. 7	1553. 6					
1524. 2	1507. 5	1486. 5	1472. 0	1456. 0	1414. 9	1370. 6	
1321. 4	1276. 2	1230. 7					
1142. 0	1039. 5	922. 7	811. 9	726. 5	642. 1	550. 4	
453. 3	350. 1	256. 4					
172. 0	107. 2	61. 2	25. 2	6. 0	1. 2	. 0	
1476. 3	1480. 7	1493. 1	1502. 7	1498. 8	1497. 9	1533. 1	
1579. 6	1624. 9	1630. 8					
1588. 2	1554. 2	1532. 9	1484. 9	1439. 1	1405. 7	1363. 3	
1288. 2	1205. 2	1135. 1					
1086. 3	1028. 5	929. 6	814. 6	699. 5	617. 4	558. 5	
481. 7	384. 7	282. 8					
199. 3	131. 7	75. 3	29. 1	6. 4	1. 2	. 0	
1476. 3	1477. 2	1491. 3	1503. 0	1515. 0	1509. 8	1509. 2	
1527. 9	1557. 8	1586. 9					
1601. 2	1591. 4	1557. 4	1506. 5	1437. 1	1377. 8	1308. 2	
1247. 7	1200. 4	1156. 3					
1104. 3	1046. 5	985. 5	930. 6	854. 4	760. 2	660. 9	
569. 8	490. 2	384. 2					
267. 4	160. 2	88. 8	36. 3	7. 5	2. 0	. 0	
1476. 3	1473. 5	1489. 8	1505. 9	1524. 3	1529. 6	1521. 8	
1509. 0	1500. 9	1510. 6					
1528. 1	1535. 6	1523. 1	1488. 0	1429. 2	1366. 9	1310. 1	
1257. 9	1234. 9	1218. 0					
1194. 4	1171. 0	1138. 4	1073. 0	964. 1	857. 1	724. 4	
597. 7	500. 4	399. 8					
294. 8	195. 1	115. 7	49. 8	11. 0	2. 0	. 0	
1476. 3	1469. 9	1483. 6	1507. 2	1537. 4	1554. 7	1548. 7	
1536. 0	1525. 5	1519. 4					
1514. 6	1505. 0	1490. 3	1463. 4	1429. 6	1400. 5	1367. 9	
1340. 0	1310. 3	1262. 1					
1207. 0	1141. 4	1044. 7	933. 3	812. 5	692. 4	575. 2	
493. 5	427. 0	347. 5					
264. 5	180. 6	109. 2	49. 2	12. 0	2. 2	. 0	
1476. 3	1469. 3	1477. 4	1500. 4	1531. 9	1556. 3	1568. 8	
1577. 6	1582. 0	1569. 2					
1534. 5	1480. 5	1422. 7	1360. 6	1313. 0	1290. 1	1287. 9	
1291. 2	1277. 1	1252. 2					
1212. 8	1141. 4	1008. 7	852. 0	689. 1	571. 3	501. 0	
449. 1	384. 4	309. 0					
238. 3	164. 3	100. 1	45. 6	11. 2	2. 7	. 0	
1476. 3	1478. 0	1491. 3	1514. 6	1545. 3	1564. 9	1574. 0	
1581. 8	1583. 6	1567. 4					
1526. 6	1468. 0	1411. 5	1346. 3	1291. 8	1254. 7	1253. 5	
1258. 2	1245. 7	1222. 3					
1179. 1	1103. 1	974. 7	821. 4	663. 3	553. 6	492. 5	
439. 8	374. 0	297. 2					
222. 8	149. 9	88. 8	37. 3	7. 4	2. 5	. 0	